my inventory

user manual 1.8

Application on Google Play: My personal Inventory
Website: www.miinventariopersonal.com

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2 Why create a personal inventory?

There are many reasons why you should keep a personal inventory. Here are a few of them as an idea:

- I would like easy access to information about my belongings, including key information such as date of purchase, value, a copy of the warranty certificate , user manuals, link to the store, etc.
  This would allow you, for example, to adjust the insurance price based on the value of your belongings or if you have any have to file a complaint, have the relevant information quickly and easily.
- I would like to have relevant data about my hobby, e.g. B.:
  - The components of my computer, with technical data, photos, links, manuals, etc.
  - my aquarium, with all em accessories
  - etc.
- I want relevant data on all my clothes, shoes, etc.
  - Do you remember the moment when you were in a shop and asked yourself: "What was the number of my dress, shirt, trousers again"? Where did I buy it? How much had it cost?
- I want to have the list of things I keep in the basement, closet, etc
- I would like to have the list of things that I have borrowed or have been loaned to me...
- I want to have the list of things I have in the workshop….

With My Inventory, you have all of this in one place, with easy access whenever you need it.

You can even easily sync your holdings between different devices via Google Drive™ or Microsoft OneDrive™.

3 Requirements / Specifications

Below are the specifications/requirements of the application.

Supported Android versions:

- Tests have been carried out to verify correct operation with the following Android versions: 9, 10, 11, 12

Permissions required by the application:

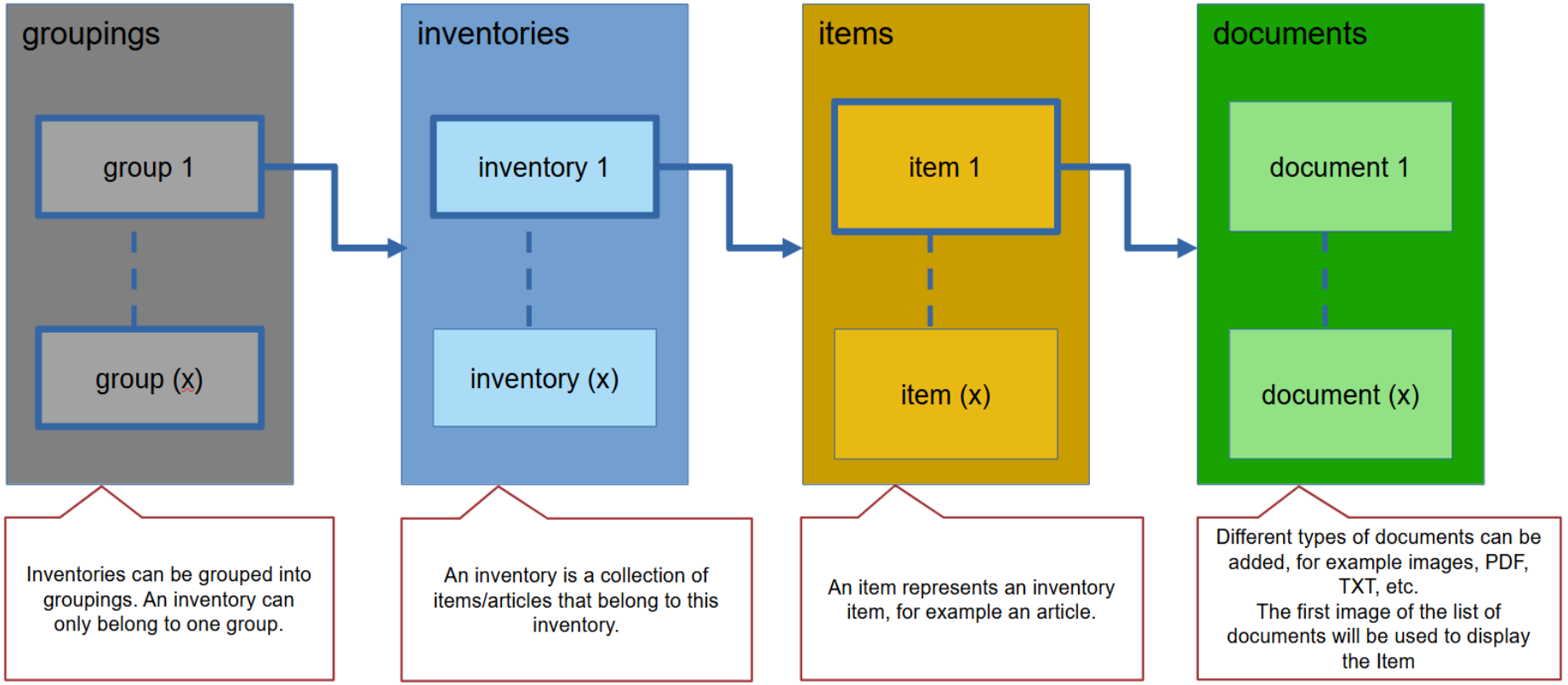
- Access to the camera and gallery (to be able to take photos of the items / elements of the inventories and to read barcodes)
- Access to internal storage (to save application data)
- Internet access (for creating and restoring backups)
- Access to network status (only if you use Google Drive™ or OneDrive™ for backup or restore)
- Optional: access to the microphone in case you want to store audio notes with articles

Further technical data:

- Supported languages: English, Spanish, German
- Android dark mode: is supported
- Images used: Images/icons are from the Android standard library and from www.openclipart.org

4 The logic of the application

The application can manage multiple inventories and inventory groupings. A group can contain multiple inventories, but an inventory can only be linked to a single group. Several items/articles can be added to each inventory and several documents can be added to each item/article.

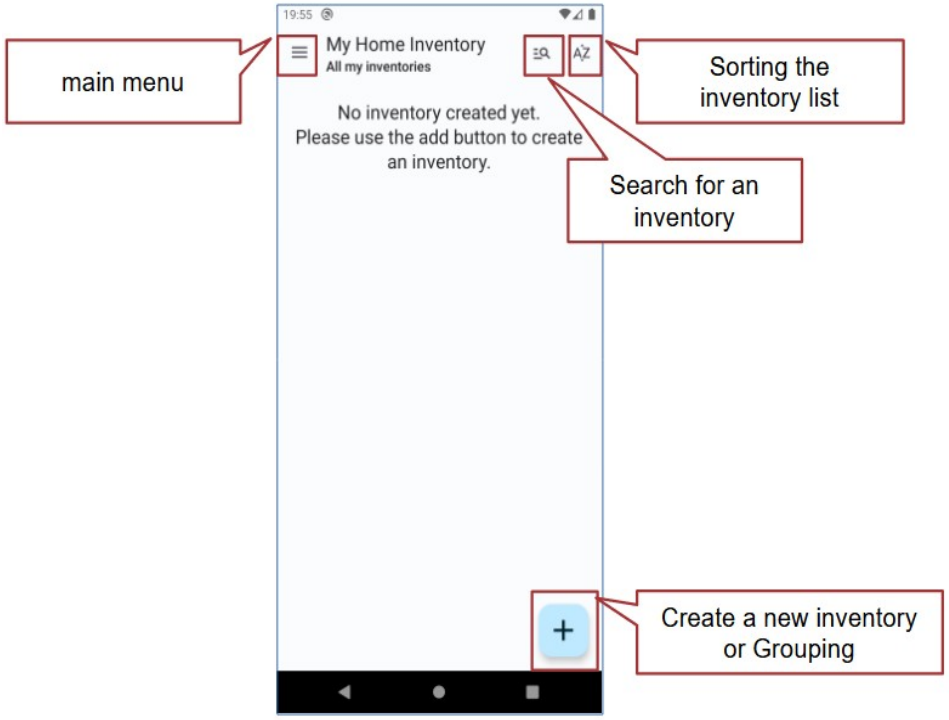


5 The functions in detail

The following chapters describe the various program functions offered by the application.

5.1 The main window

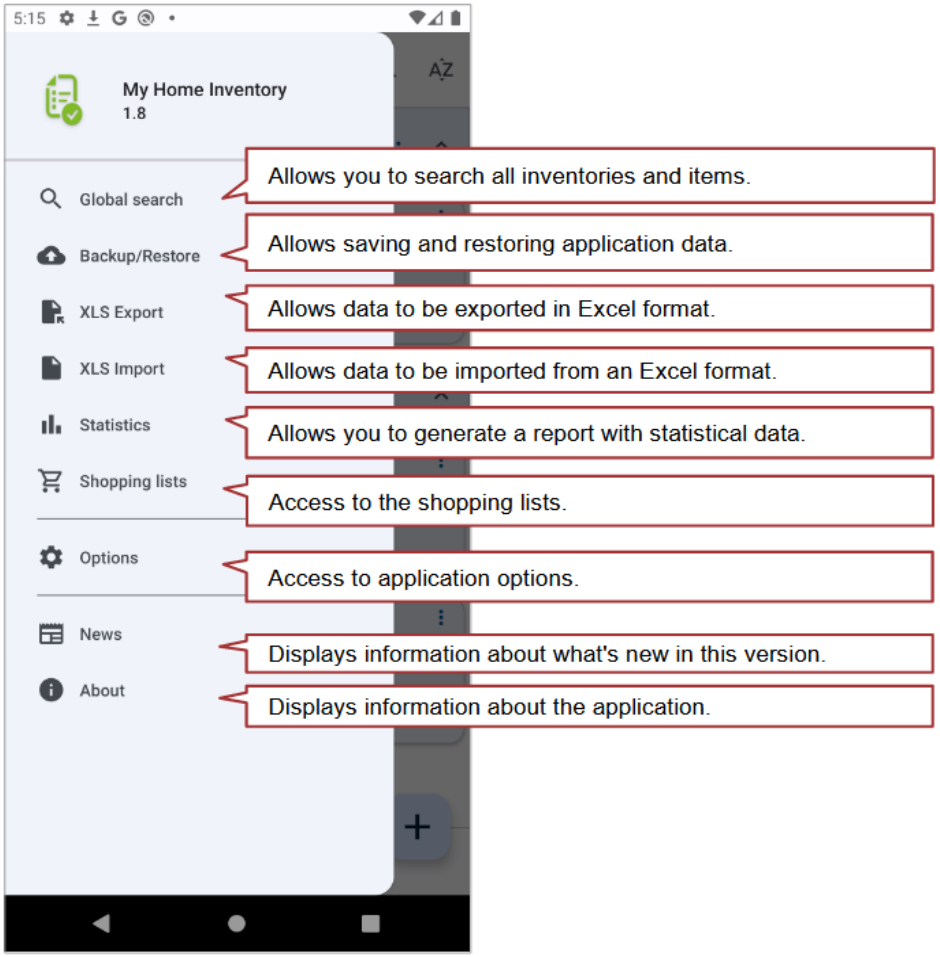
When starting the application, the main window is displayed, which gives access to the main menu and displays the list of inventories created.



This example shows the application when used for the first time. An inventory has not yet been created.

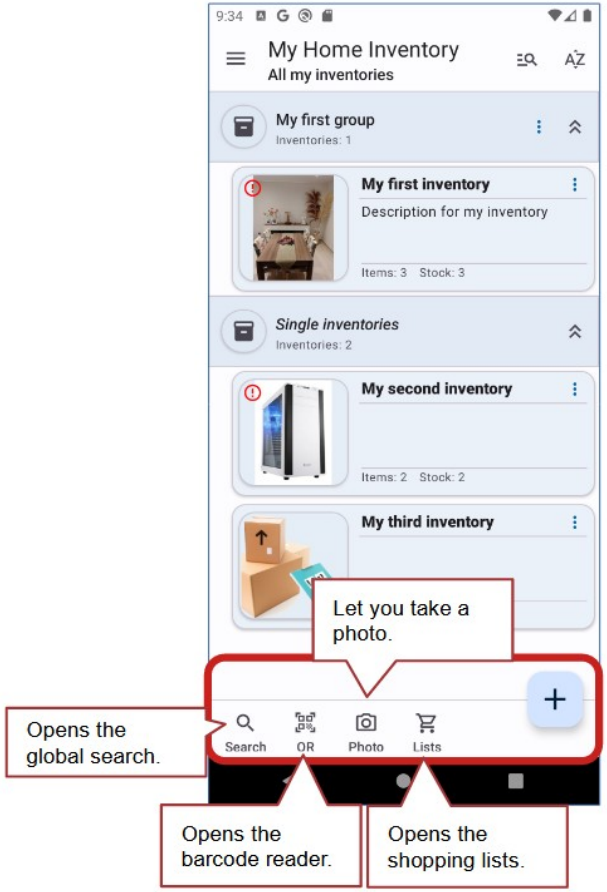
5.1.1 The main menu

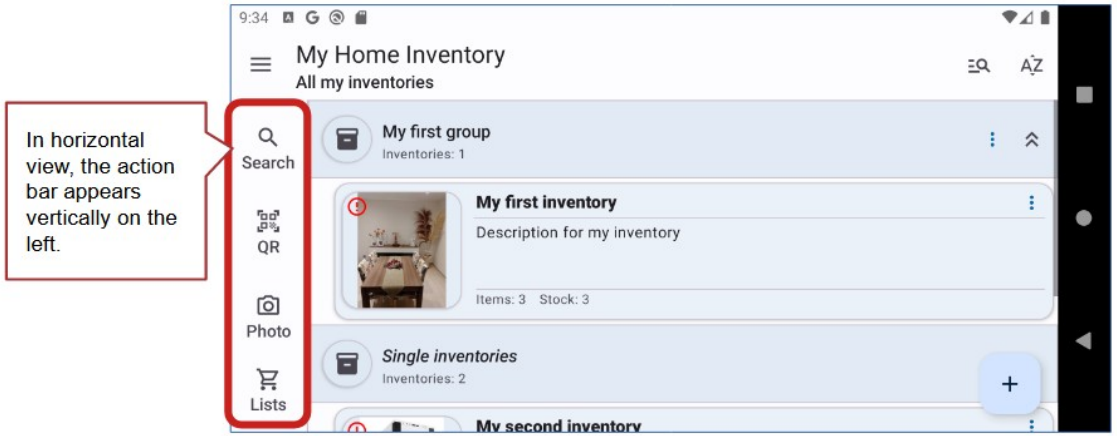
The main menu gives access to the main functions of the application:



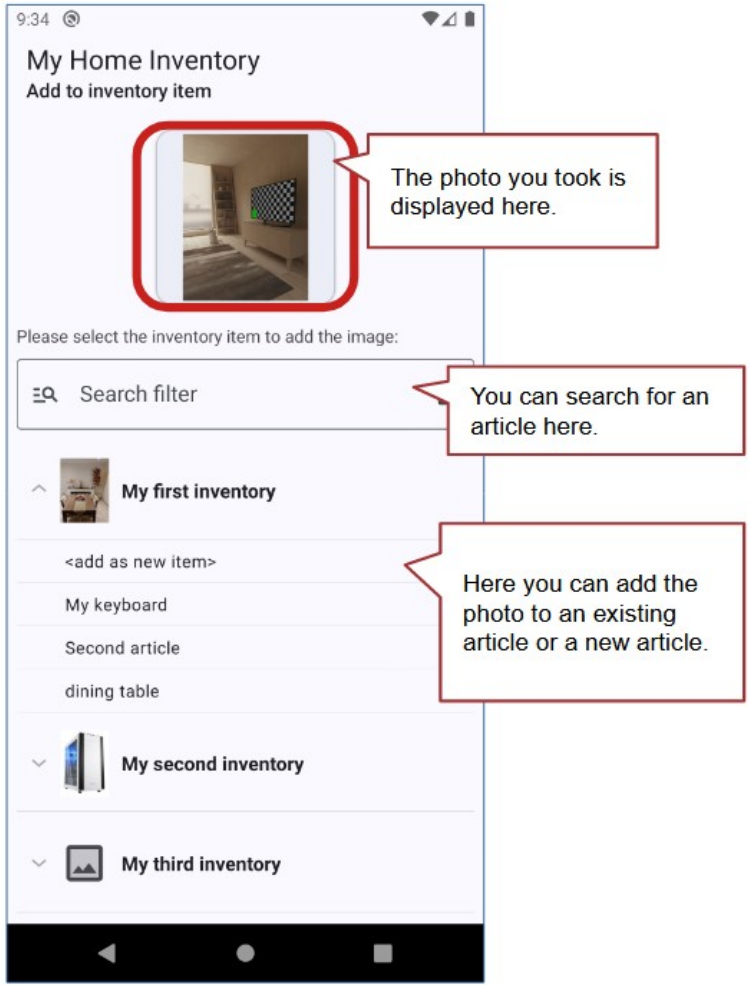
5.1.2 action bar in the main view

The application gives you an action bar in the main view, with direct access to some essential functions. The global search, the barcode reader, photo taking and shopping lists. The barcode that is then read and the photo taken can be added afterwards directly to an existing or new item.



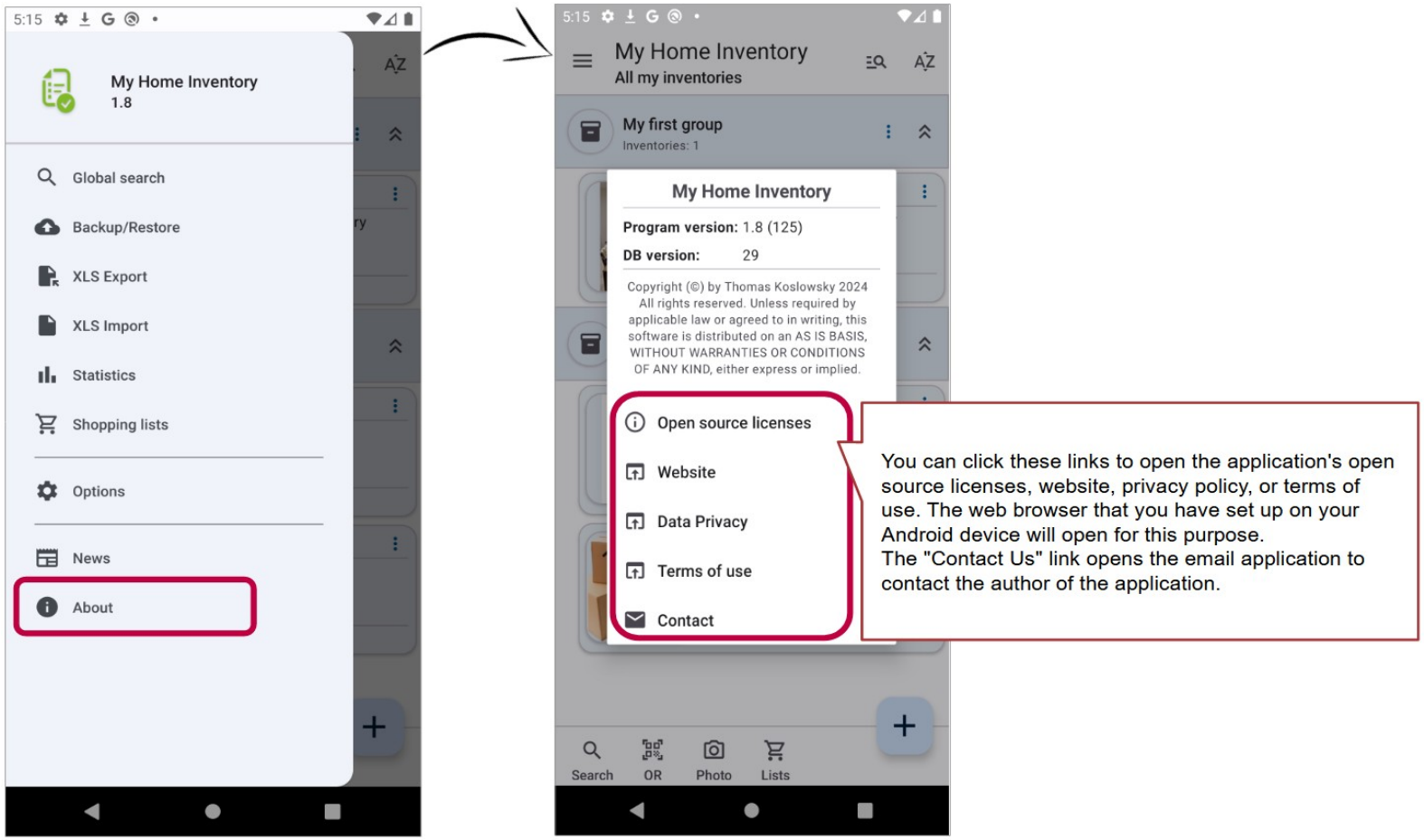


After taking the photo, a selection window opens which allows you to search for an article and add the photo to it or create a new article with the photo.



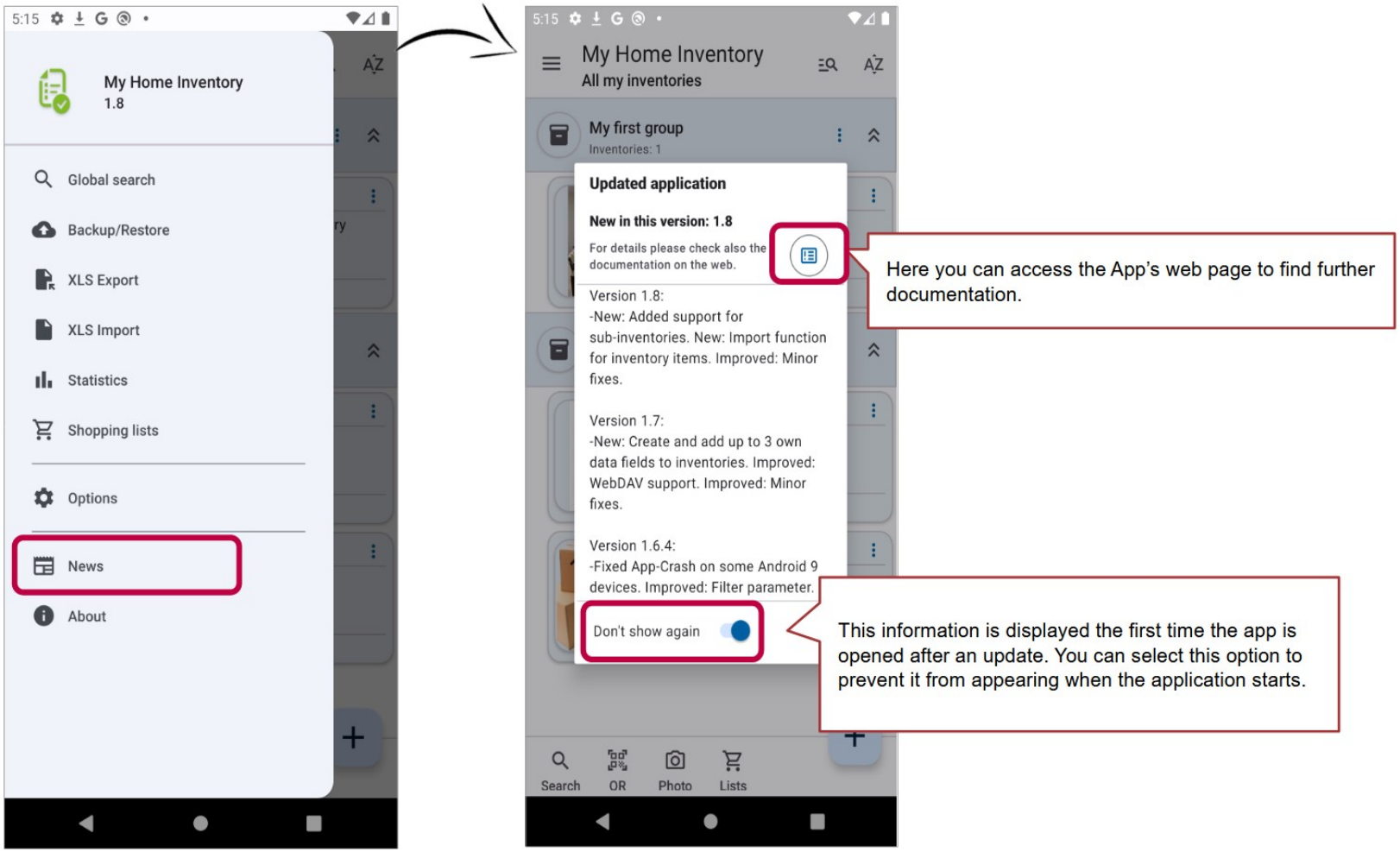
5.1.3 The "About..." window

In this window you can view information about the version and access further information directly, for example: viewing the open source licenses, accessing the website, the privacy policy or the terms of use of the application.



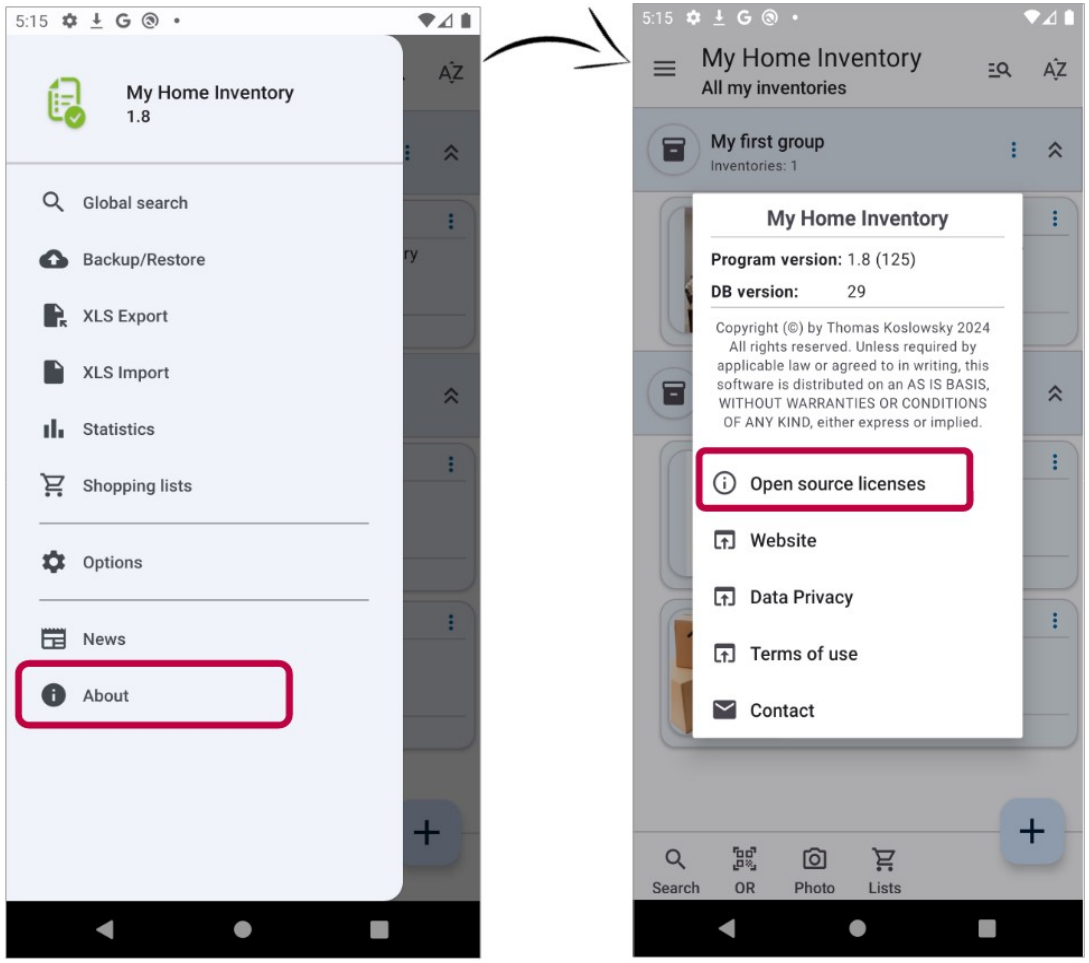
5.1.4 The “News…” window

Information about the latest "What's New..." of the application is accessed from the main menu.



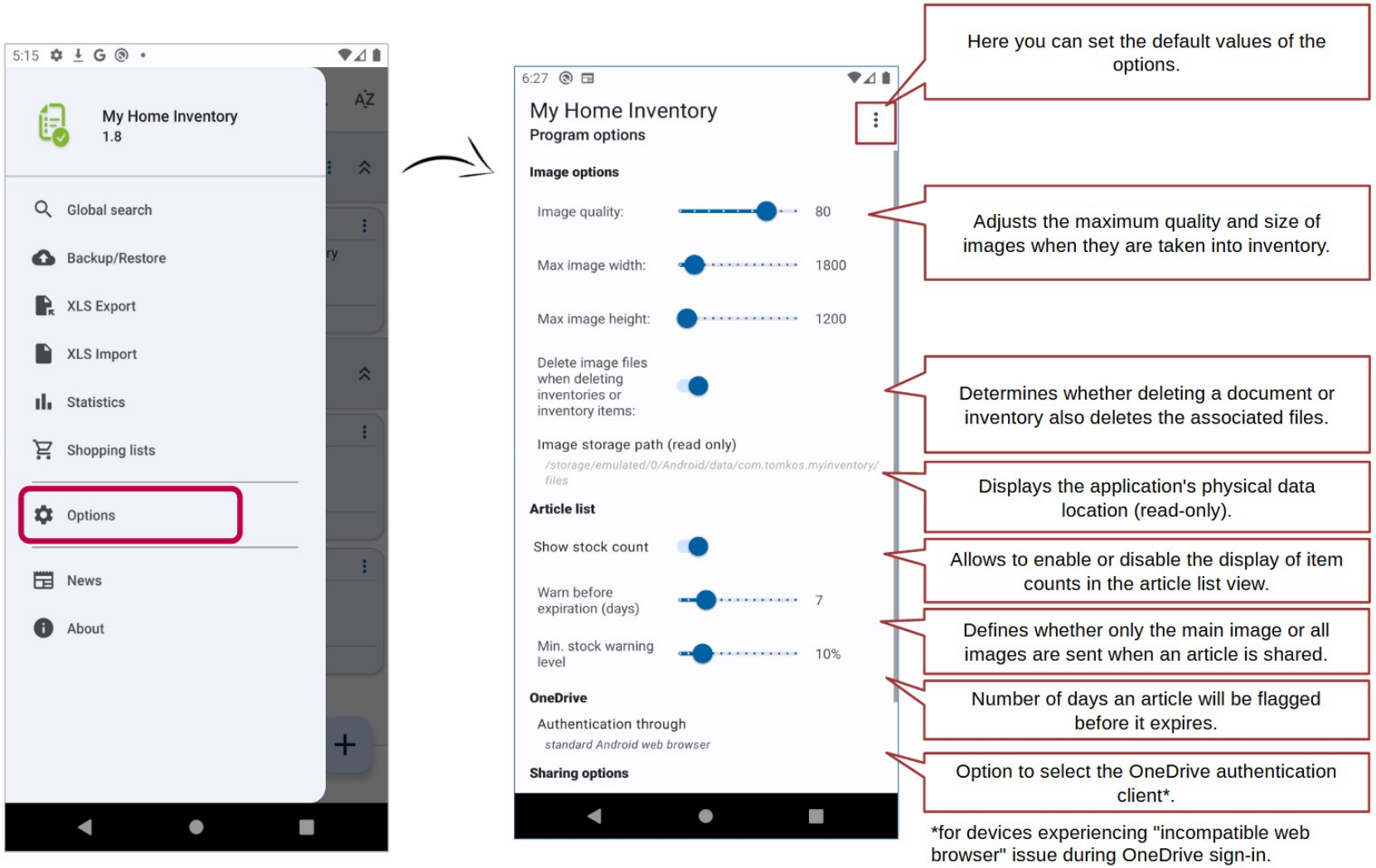
5.1.5 Information about the licenses of libraries included in the application

To view information about the libraries included in the application and their licenses, open the "About..." window from the main menu and then click on "Open Source Licenses".



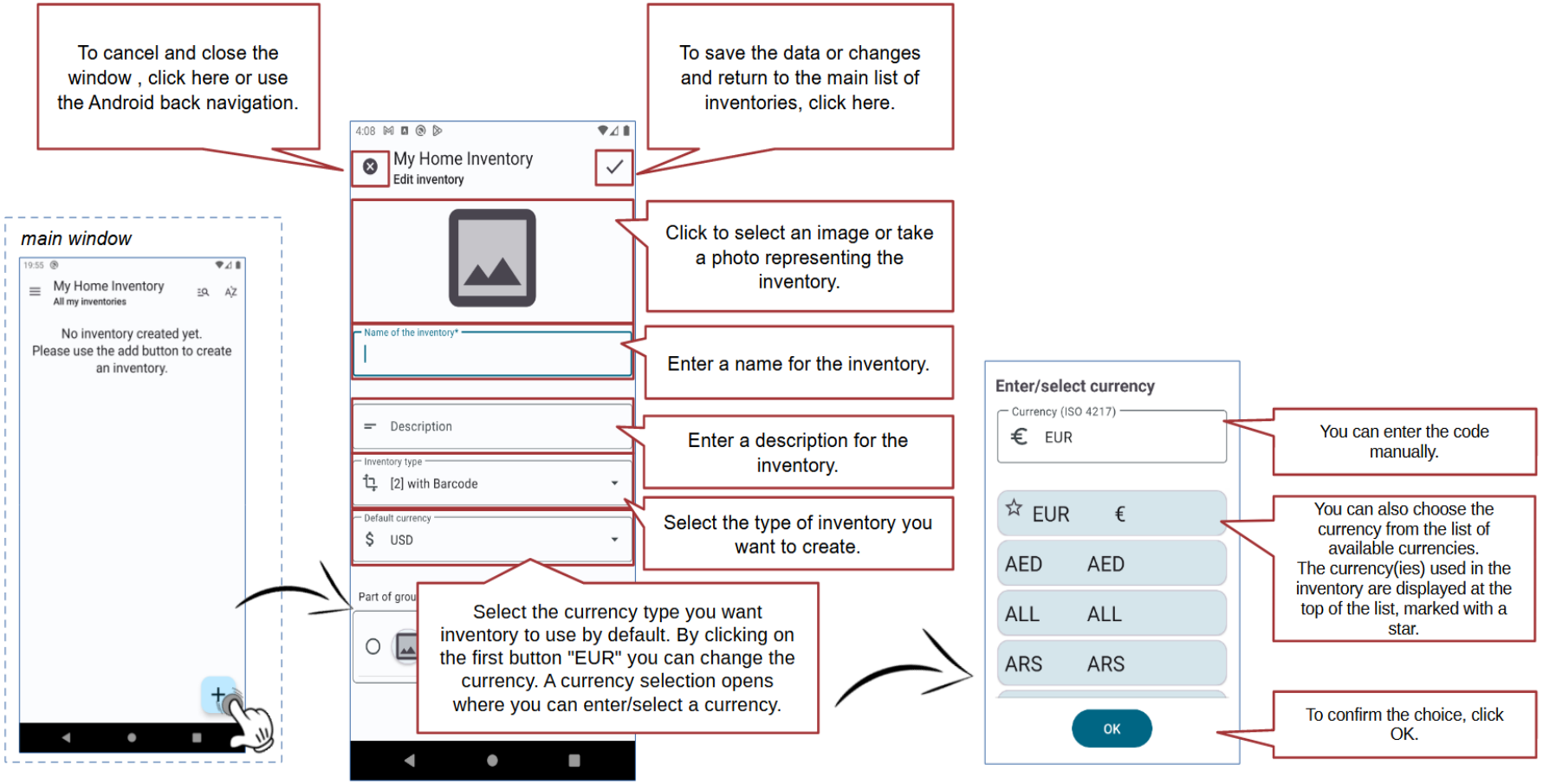
5.1.6 The program options

Options are accessed from the main menu. Here you can change some global settings.



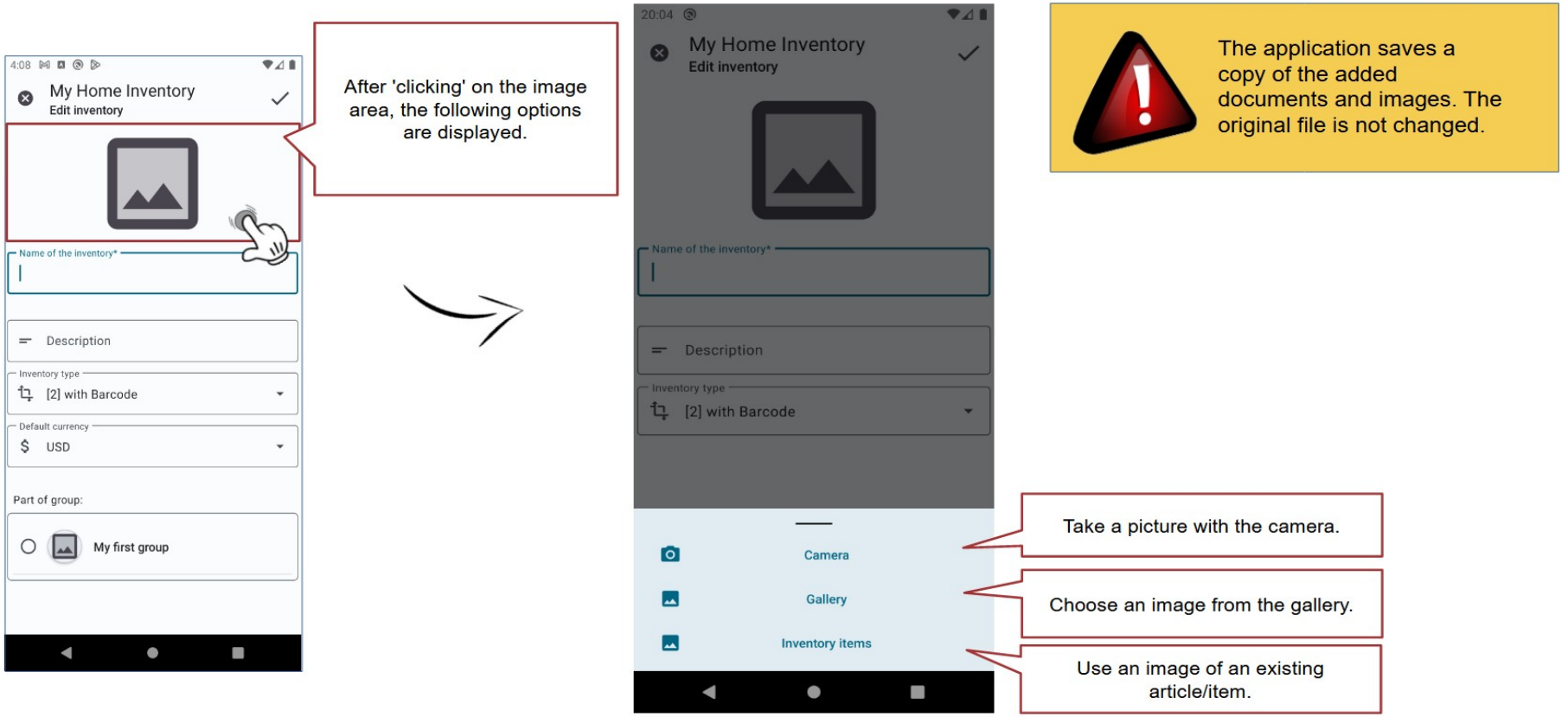
5.2 Create and manage inventories

In the main window, a click opens a window for creating a new inventory, where you can enter various information. Among others you can determine the default currency for new items.



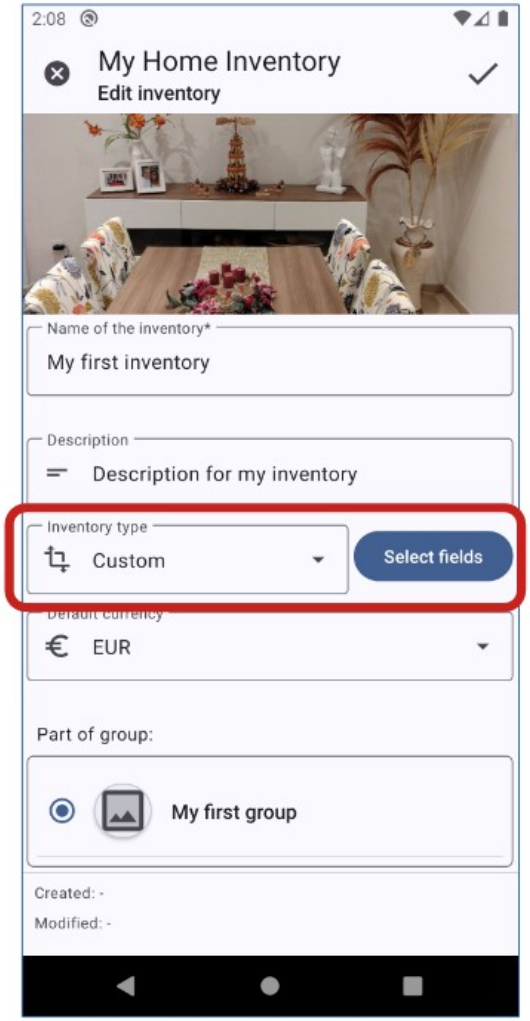
5.2.1 Assign an image to an inventory

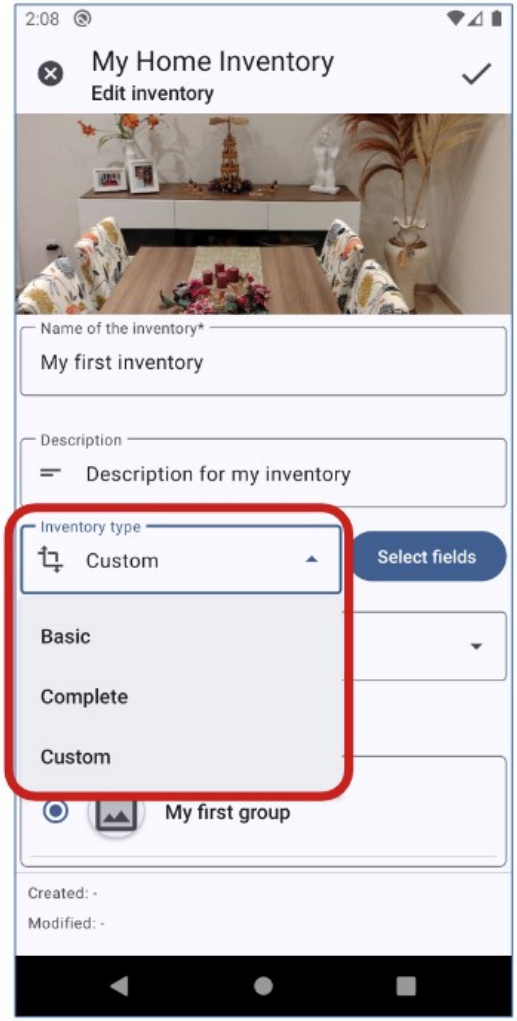
In order for the inventory to be displayed with a picture in the main list, a photo can be added when creating it or afterwards.



5.2.2 The different inventory types

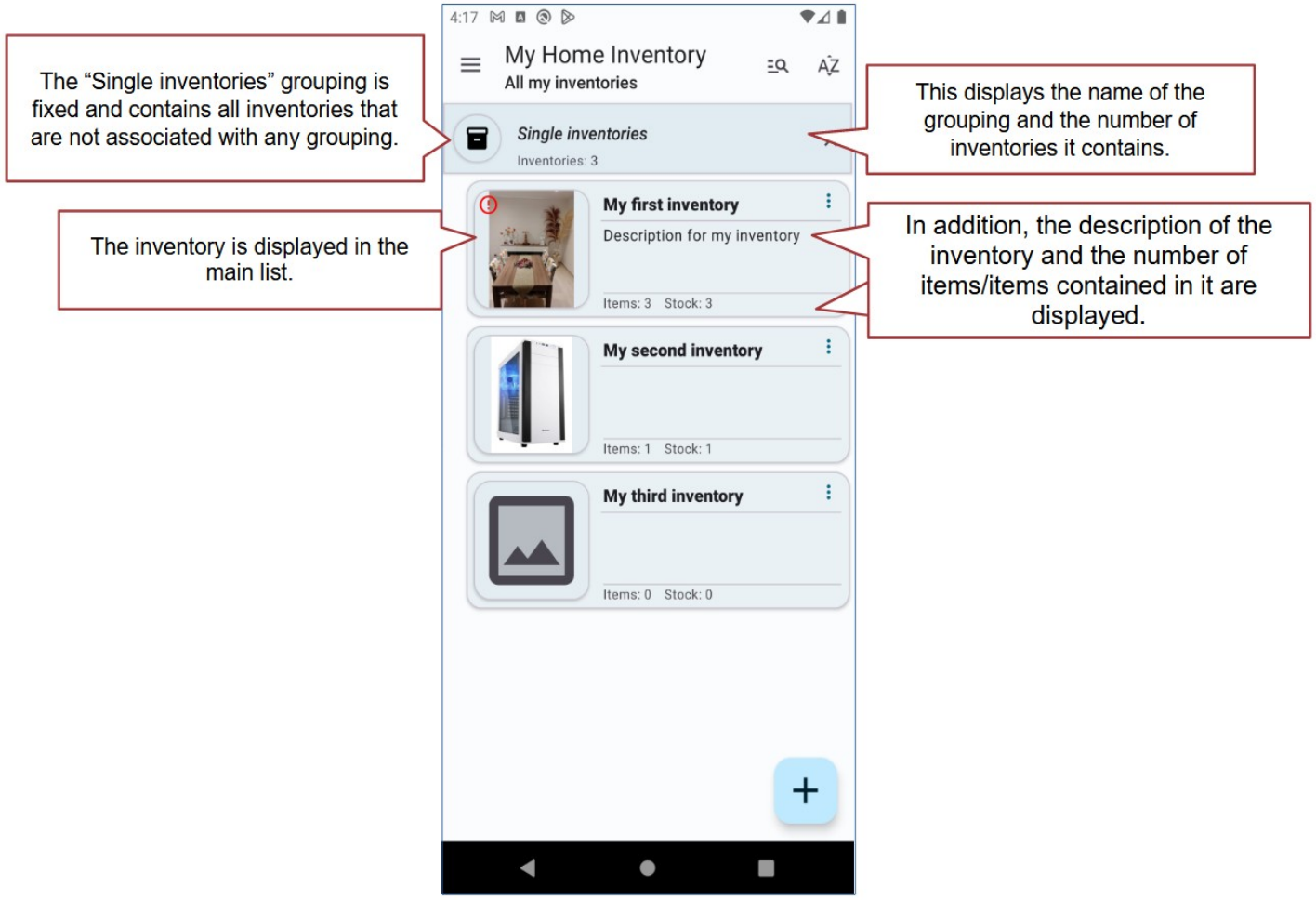
In the edit view of an inventory, you can use the inventory type to specify which data fields are displayed for items in edit mode. If you select “Custom”, you can also use the “Select fields” button to select the fields you want to display.



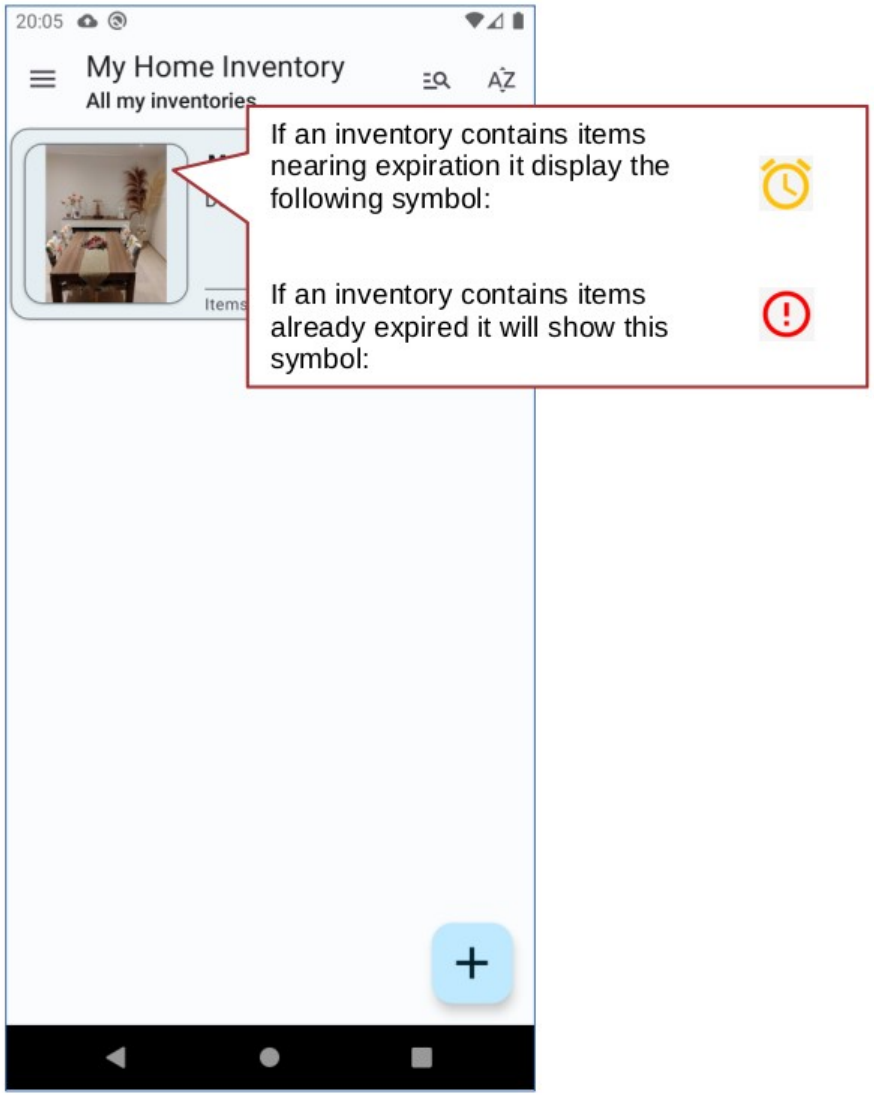


5.2.3 The main window - all inventories

After you create an inventory, it will appear in the main window. The name, description and image are displayed.

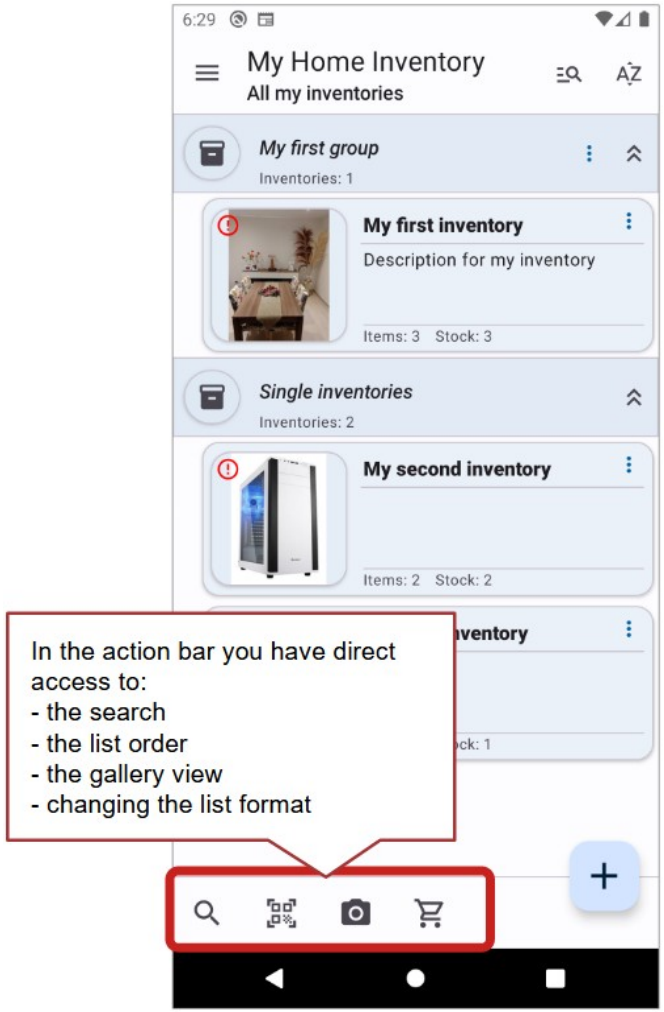


If an inventory contains items that are about to expire or have already expired, it will be marked with a corresponding icon. In the general options (see page 15) you can configure from how many days before expiry an article is marked, or you can deactivate the marking function (by setting the option to 0 days).



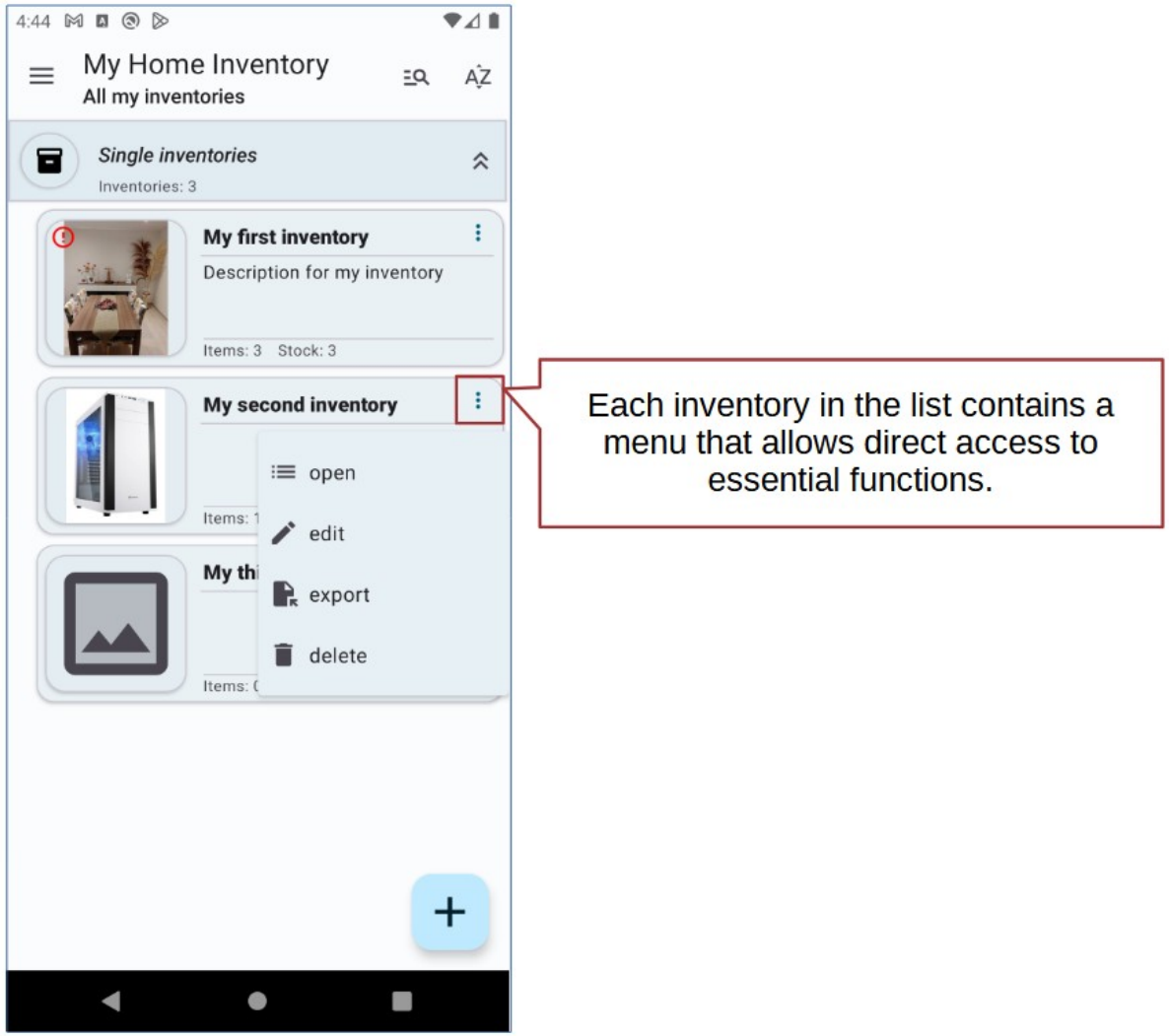
5.2.4 Navigation bar of the inventory list

The action bar in the main view of an inventory gives you quick access to some essential functions. Here you can directly access the search, change the sorting, switch to the gallery view and change the list format.

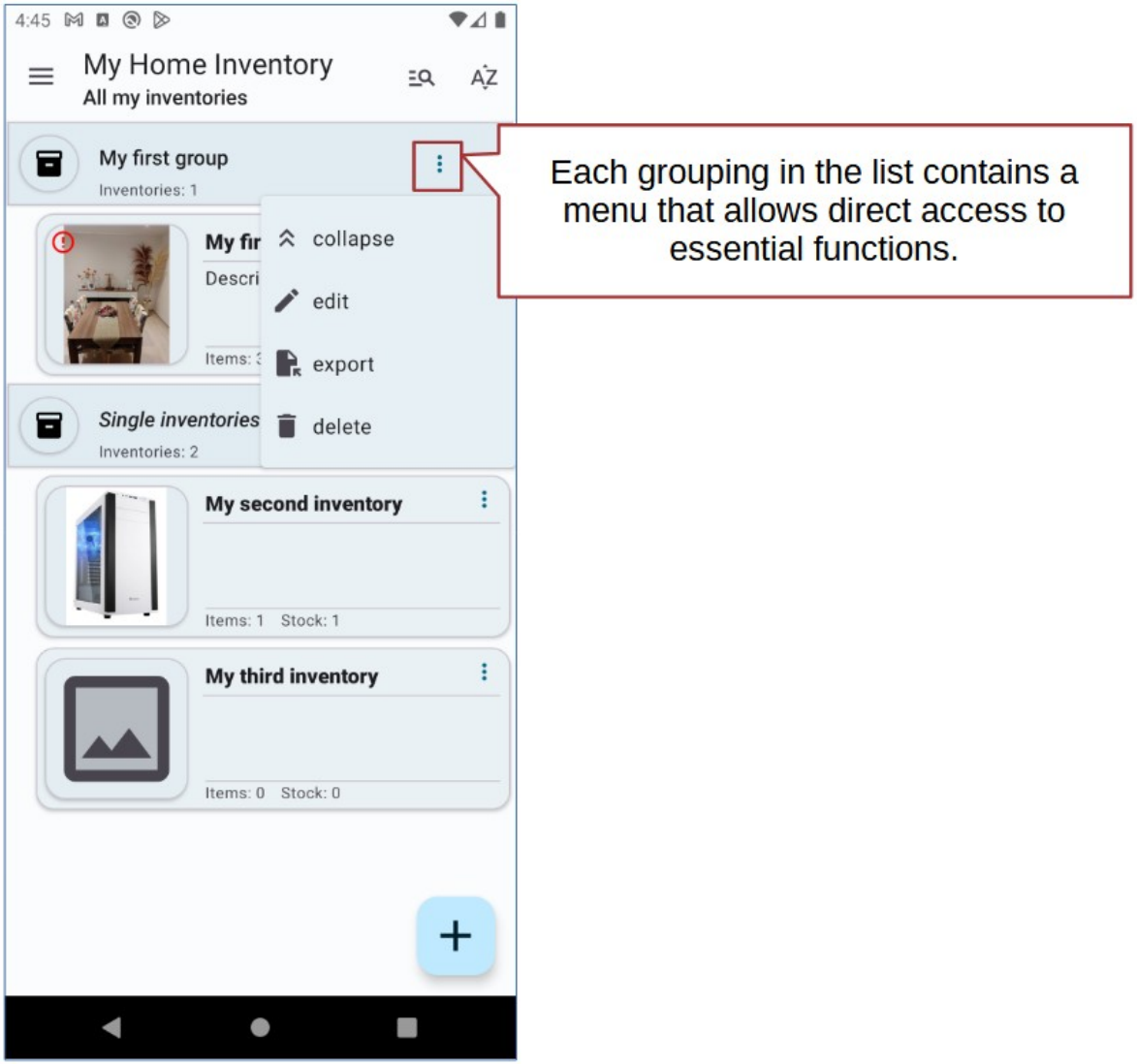


5.2.5 The item menu in the inventory list

To facilitate direct access from the main inventory list to main functions related to an inventory, each item of the list offers a menu. The gestures of “swipe right” to delete, “swipe left” to edit and the click to open the inventory are also available.

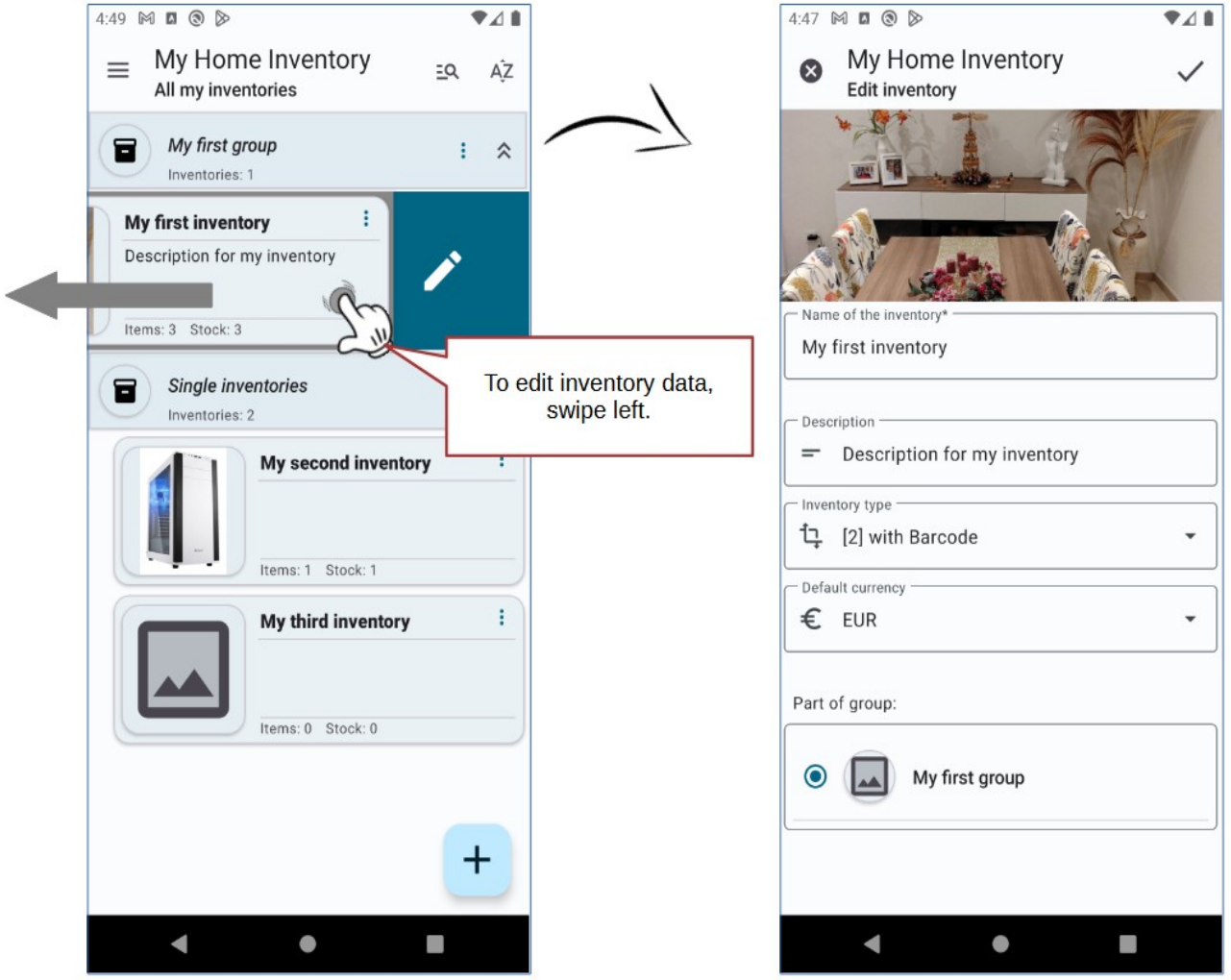


Likewise, to facilitate direct access to the main functions of a group, each group offers a menu. Gestures of “swipe right” to delete, “swipe left” to edit are also available.



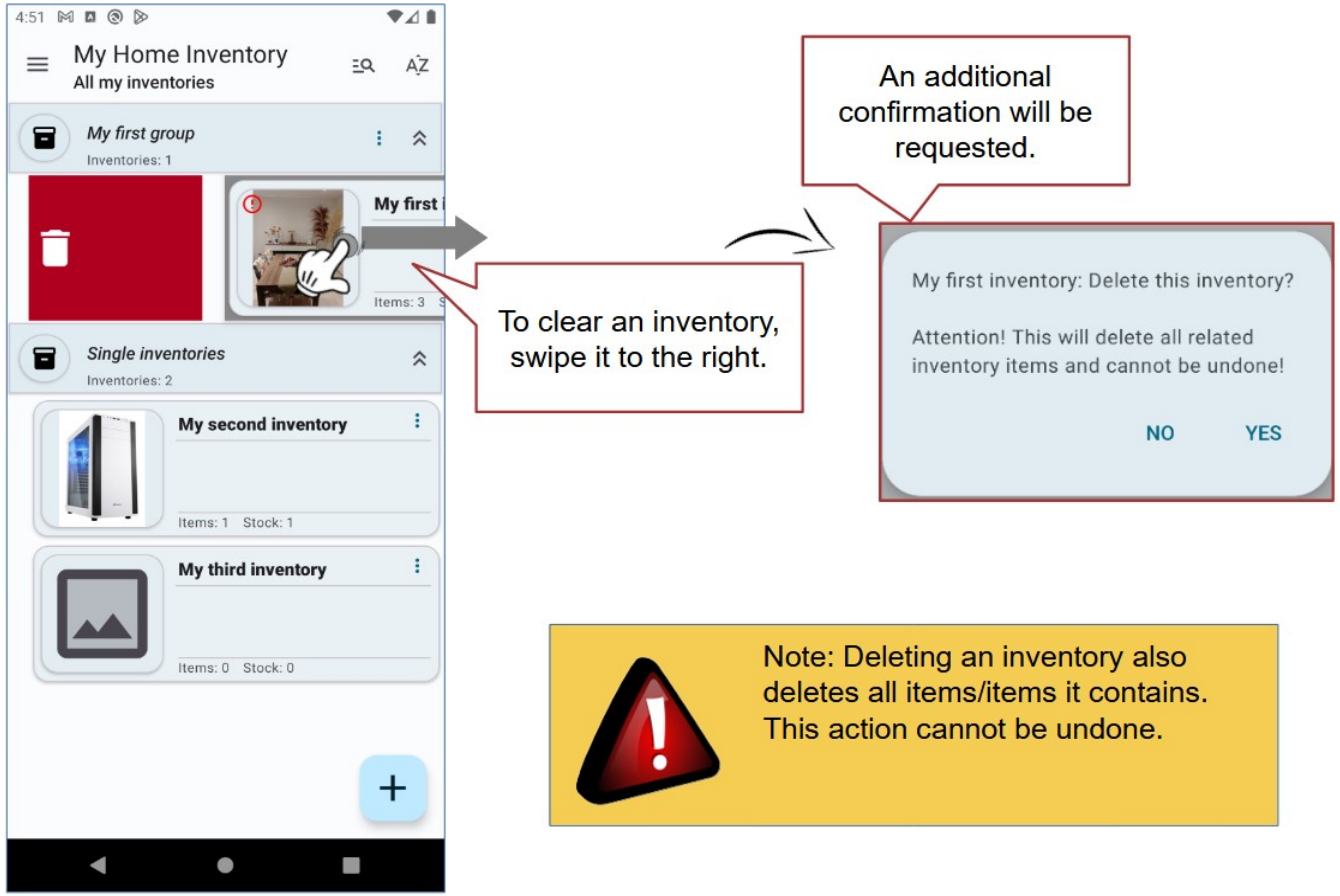
5.2.6 Editing an inventory

To edit the main inventory data, you can access the Edit function of the Inventory menu (see page 22), or you can swipe the inventory you want to edit to the left in the inventory list. The inventory editing window will then open.



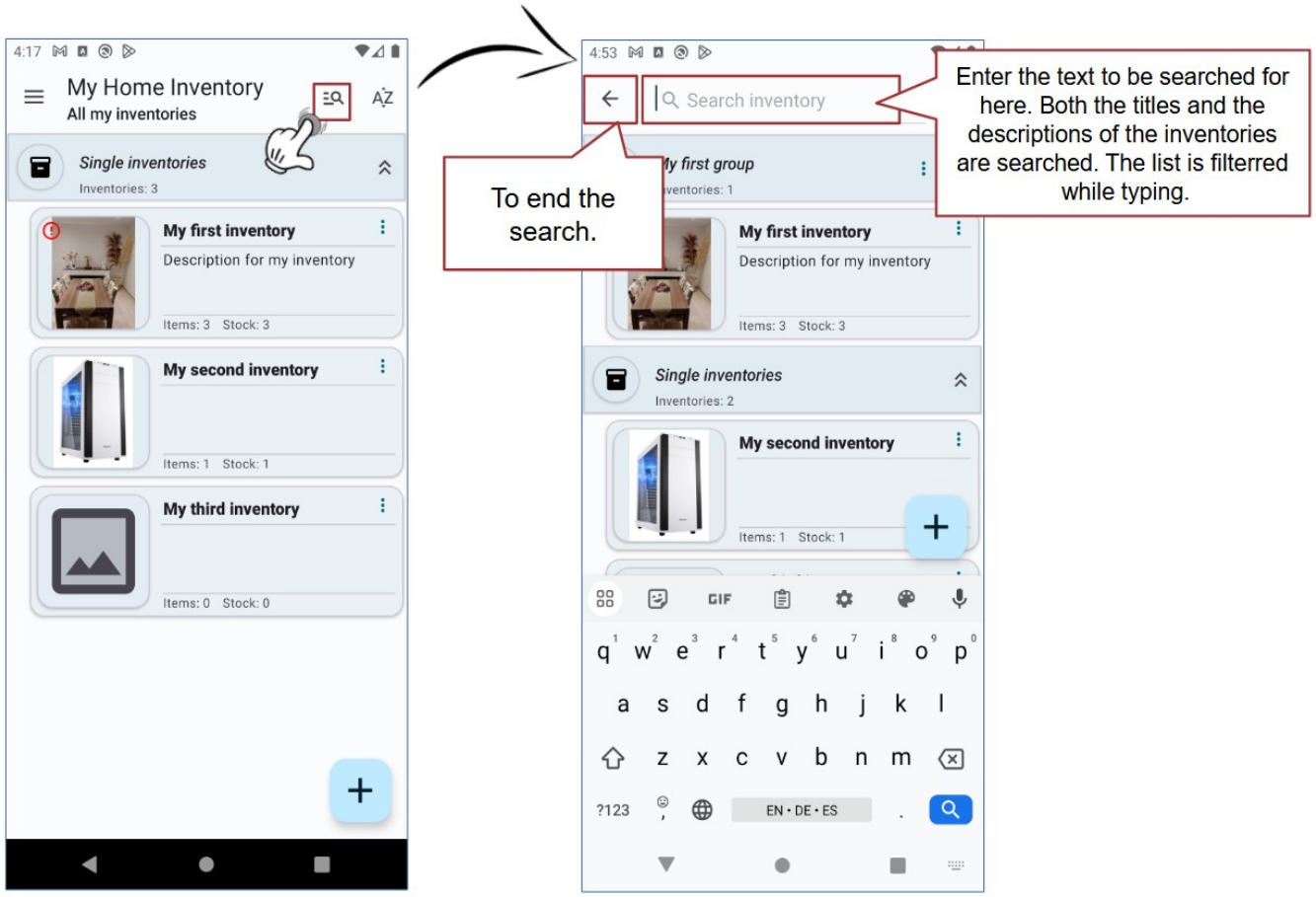
5.2.7 Deleting an inventory

To delete an inventory, you can access the Delete function of the Inventory menu (see page 22), or you can swipe the inventory you want to edit to the right in the inventory list. A confirmation dialog will then open. After confirmation, the inventory and all items in it will be deleted. Note that deleting cannot be undone.



5.2.8 Search for an inventory

You can search for an inventory both in the main view and via the global search (see page 129). To do this in the main view, click the search icon in the list of inventories and then type the portion of text you want to search for.

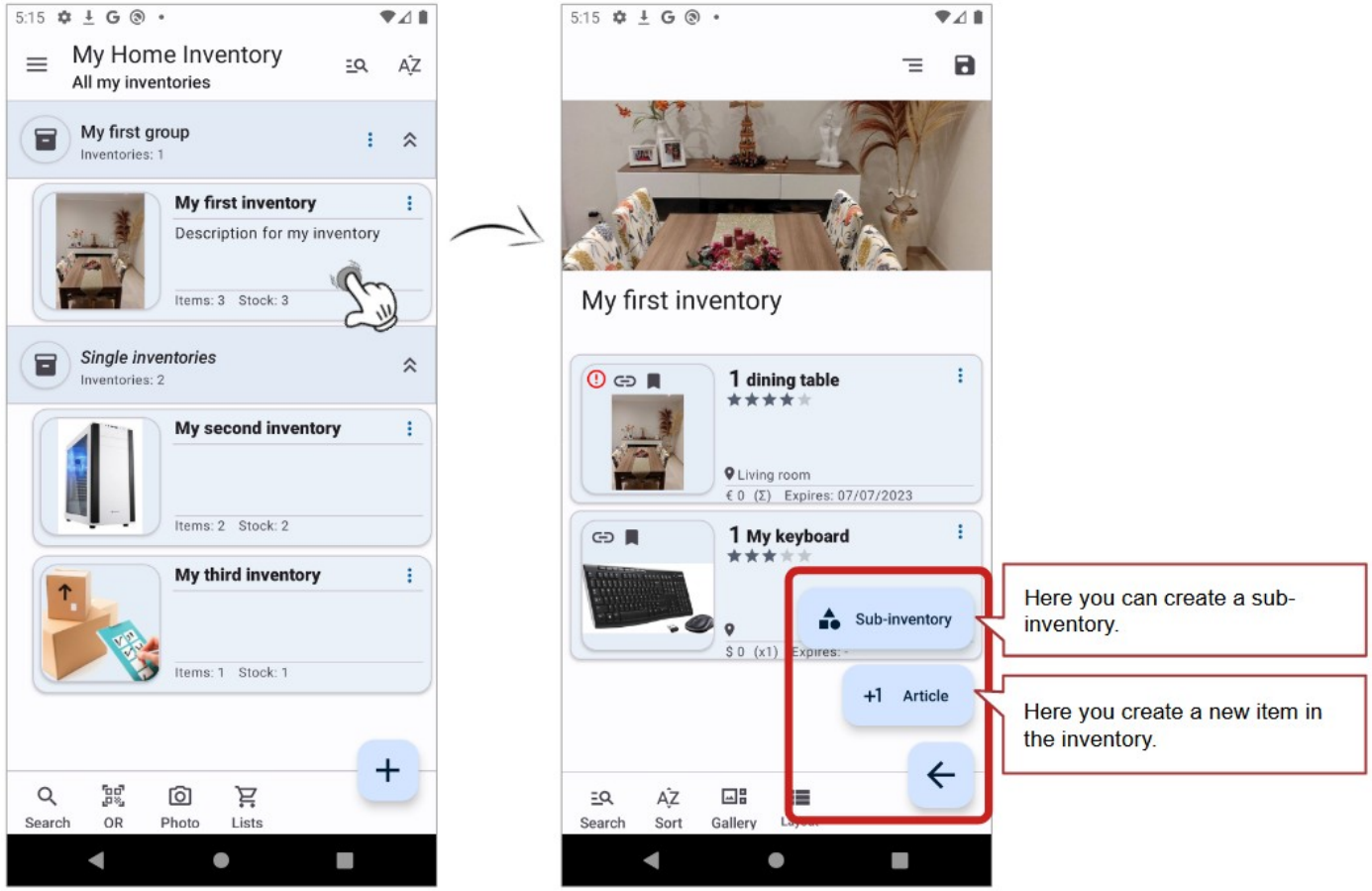


5.2.9 Sub-Inventories

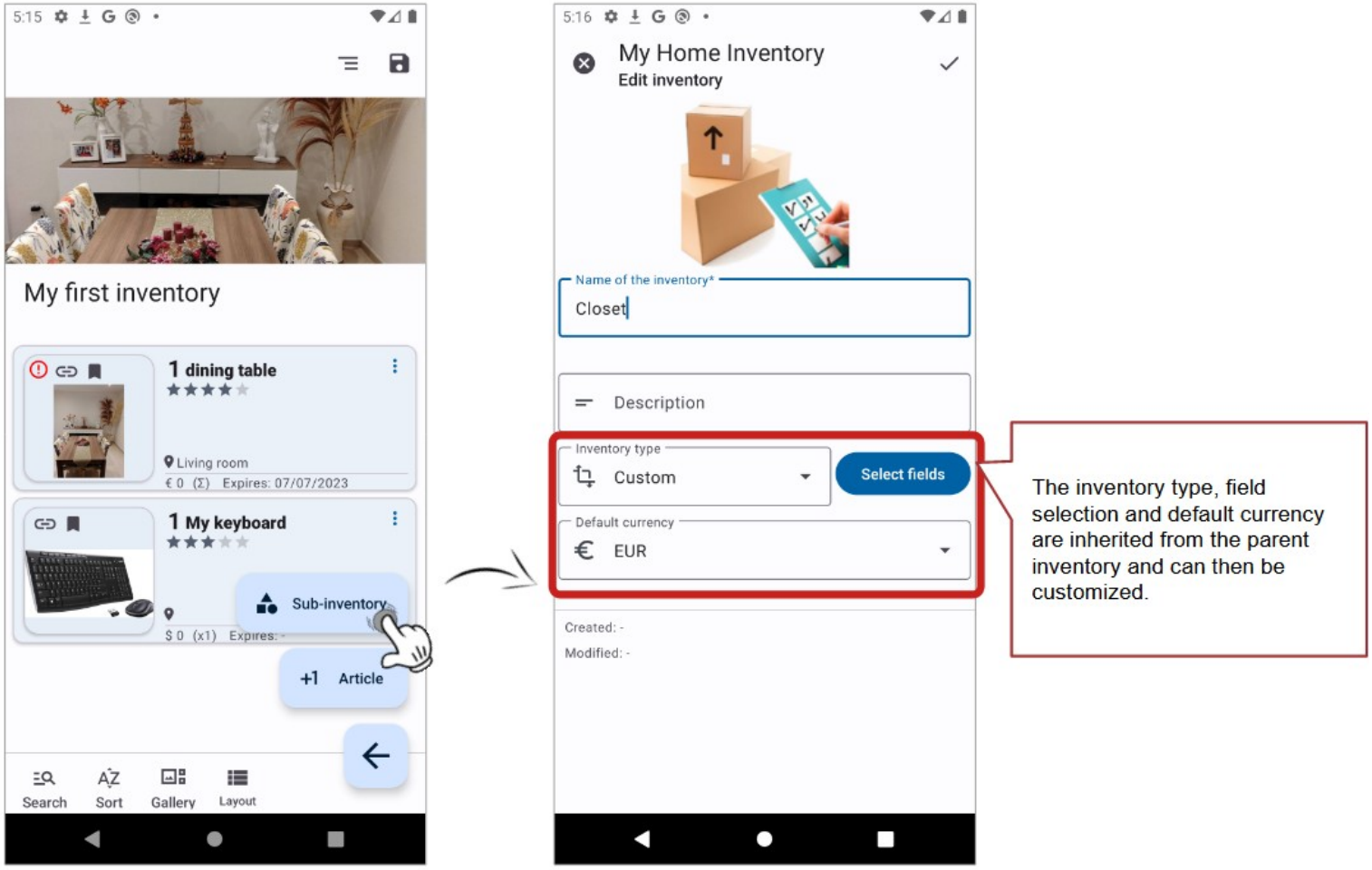
You now have the option of creating sub-inventories in inventories. This allows you to structure your inventory better. For example, you can create an inventory for your garden shed and then a sub-inventory for the kitchen, living room and bedroom. You can also structure it even more deeply, e.g. "large cupboard in the bedroom" as a sub-inventory in the "bedroom".

5.2.9.1 Creating a sub-inventory

To add a sub-inventory to an inventory, click the "Add" button and then click "Sub-inventory". You can then specify additional data.

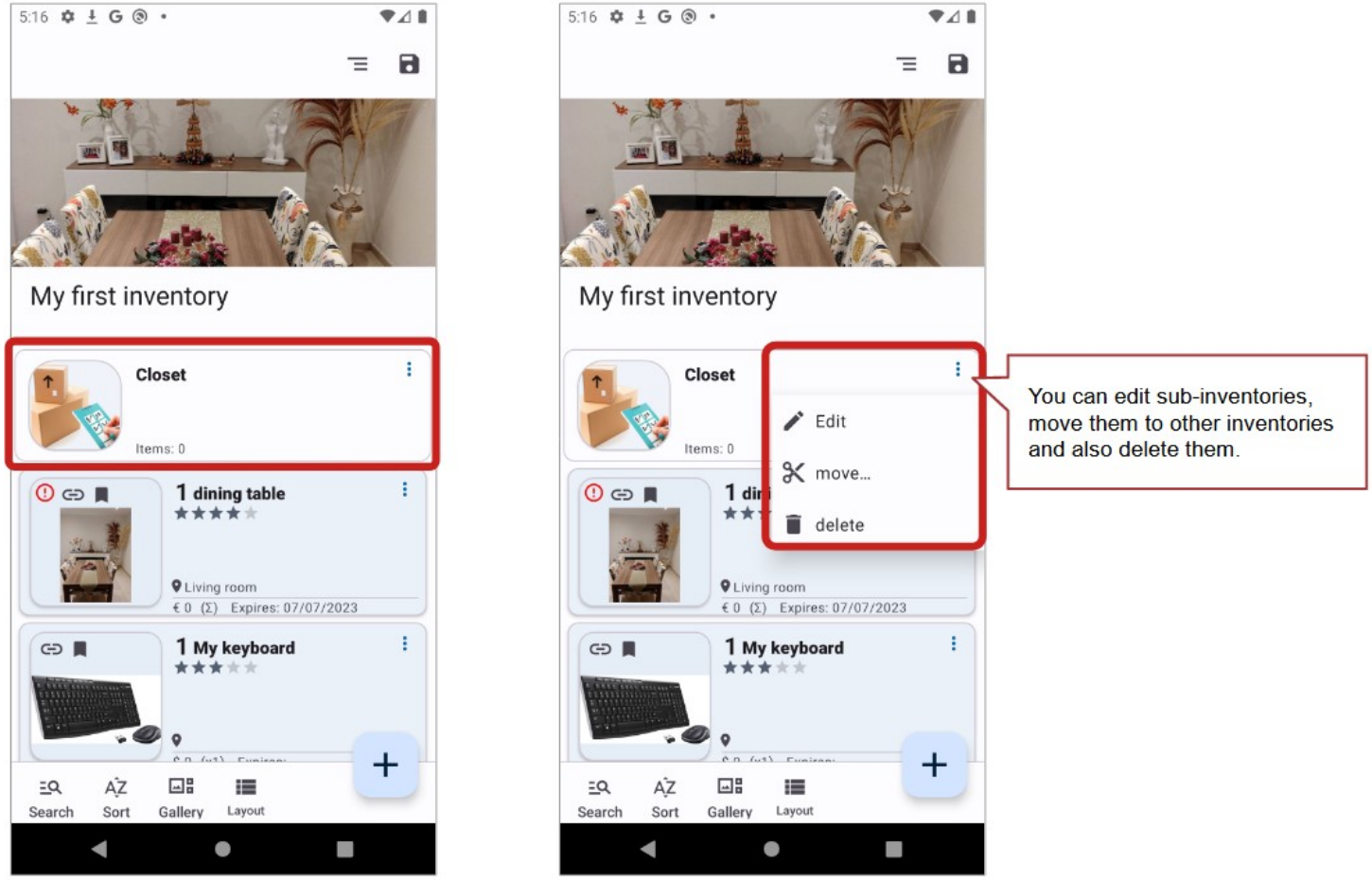


The inventory type, field selection and default currency are inherited from the parent inventory and can then be customized.



5.2.9.2 Editing, moving and deleting of sub-inventories

You can later adjust the properties of a sub-inventory (swipe it left or edit menu), move it to another parent inventory and also delete it (swipe it right or delete menu).

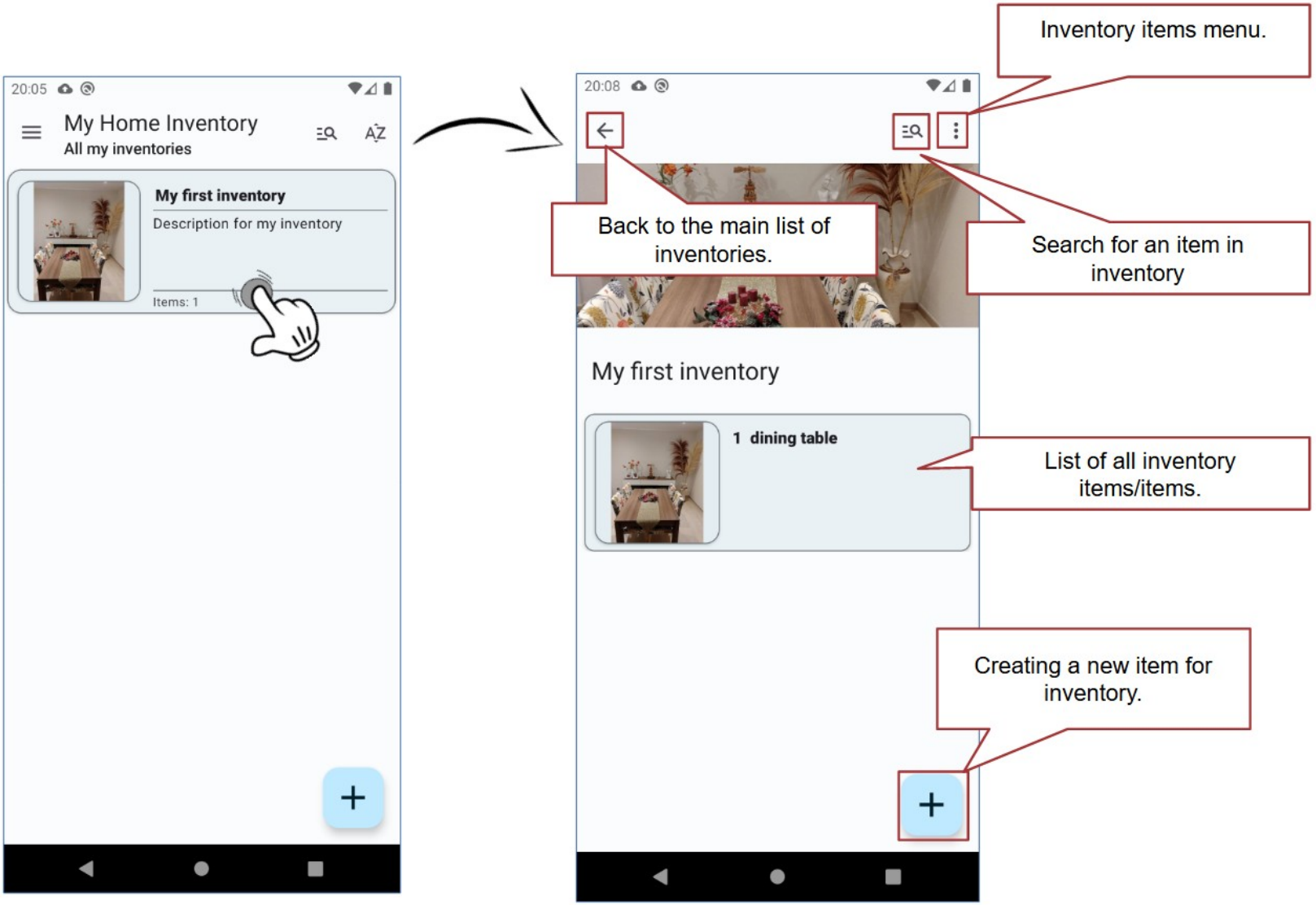


5.2.9.3 Important information

- In version 1.8, statistics cannot yet be created for sub-inventories.
- The number of items displayed in the list view refers to the items that are directly contained in the inventory and does not include the items in the corresponding sub-inventories.
- When deleting a sub-inventory, all items contained in it are also deleted. This cannot be undone.

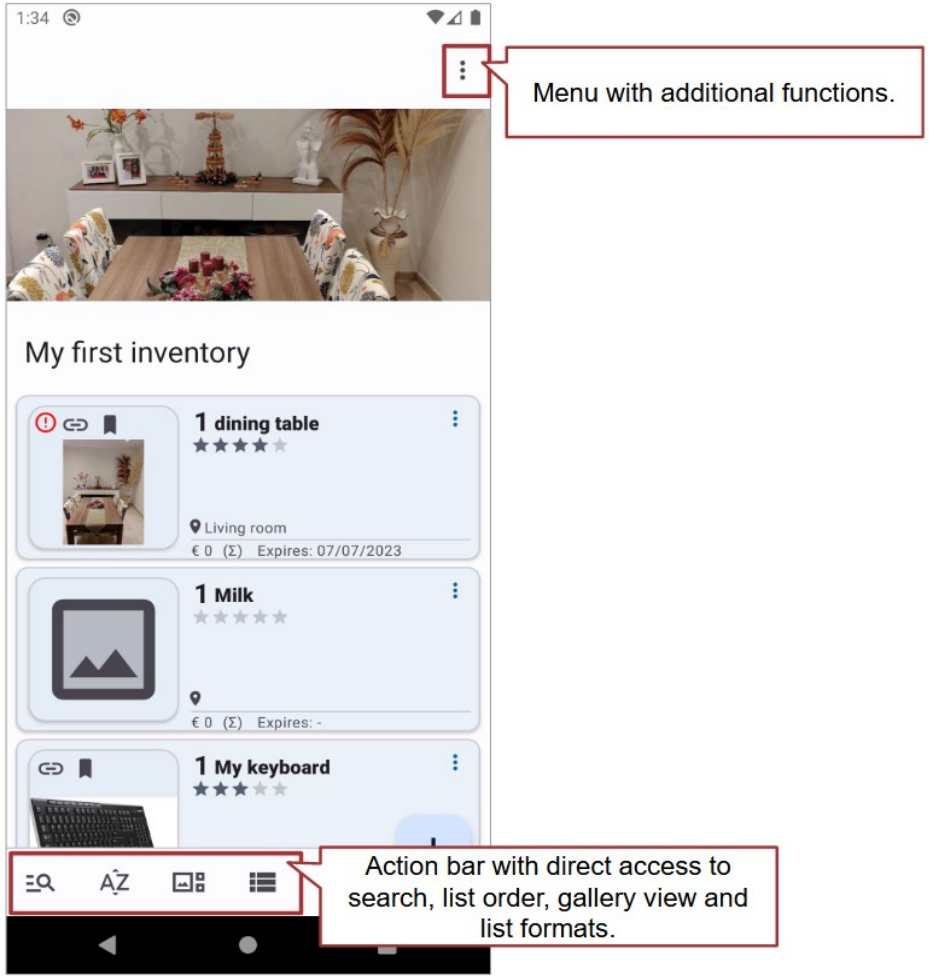
5.3 The items of an inventory

To view the items in an inventory, click on the inventory you want to open in the main inventory list. After that, a window will open showing all inventory items.



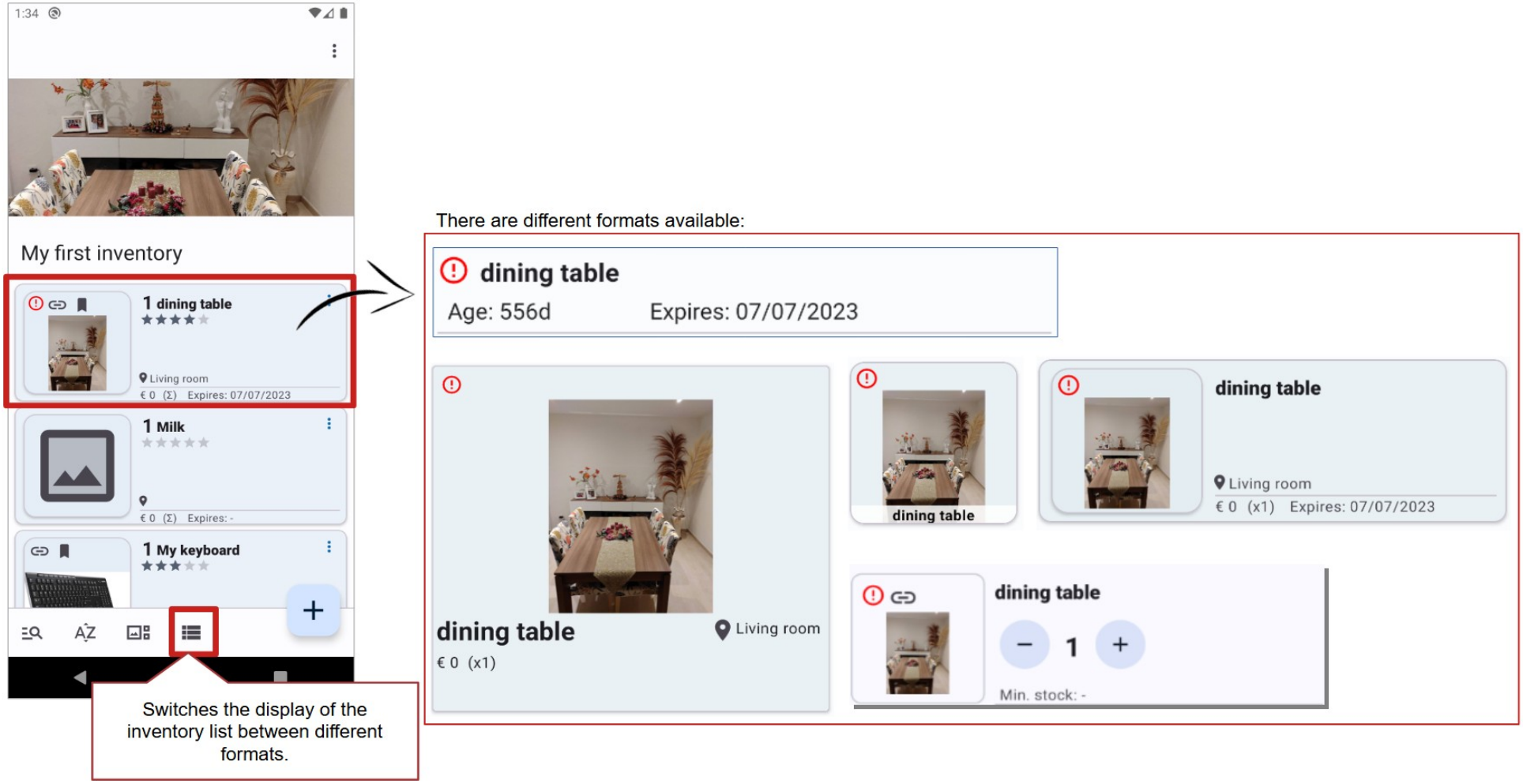
5.3.1 Main view of all items in an inventory

After you have opened an inventory, a list of all items contained in it is displayed. In addition, the picture belonging to the inventory is shown at the beginning of the list. This view also offers a menu and an action bar from which you can access different options.



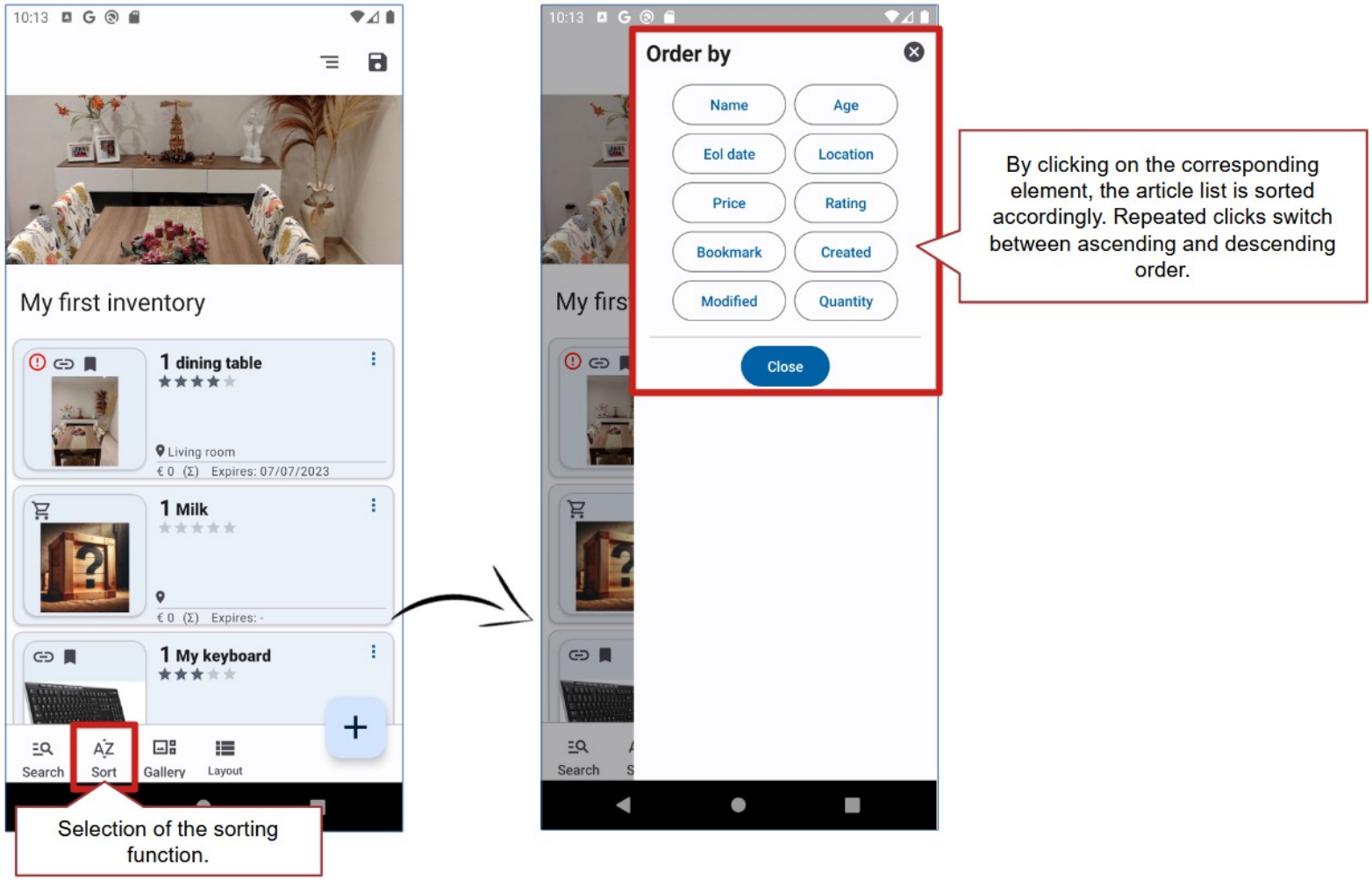
5.3.2 Change the article list format

The list of articles can be viewed in different ways. You can change the view through the “Change View” menu.



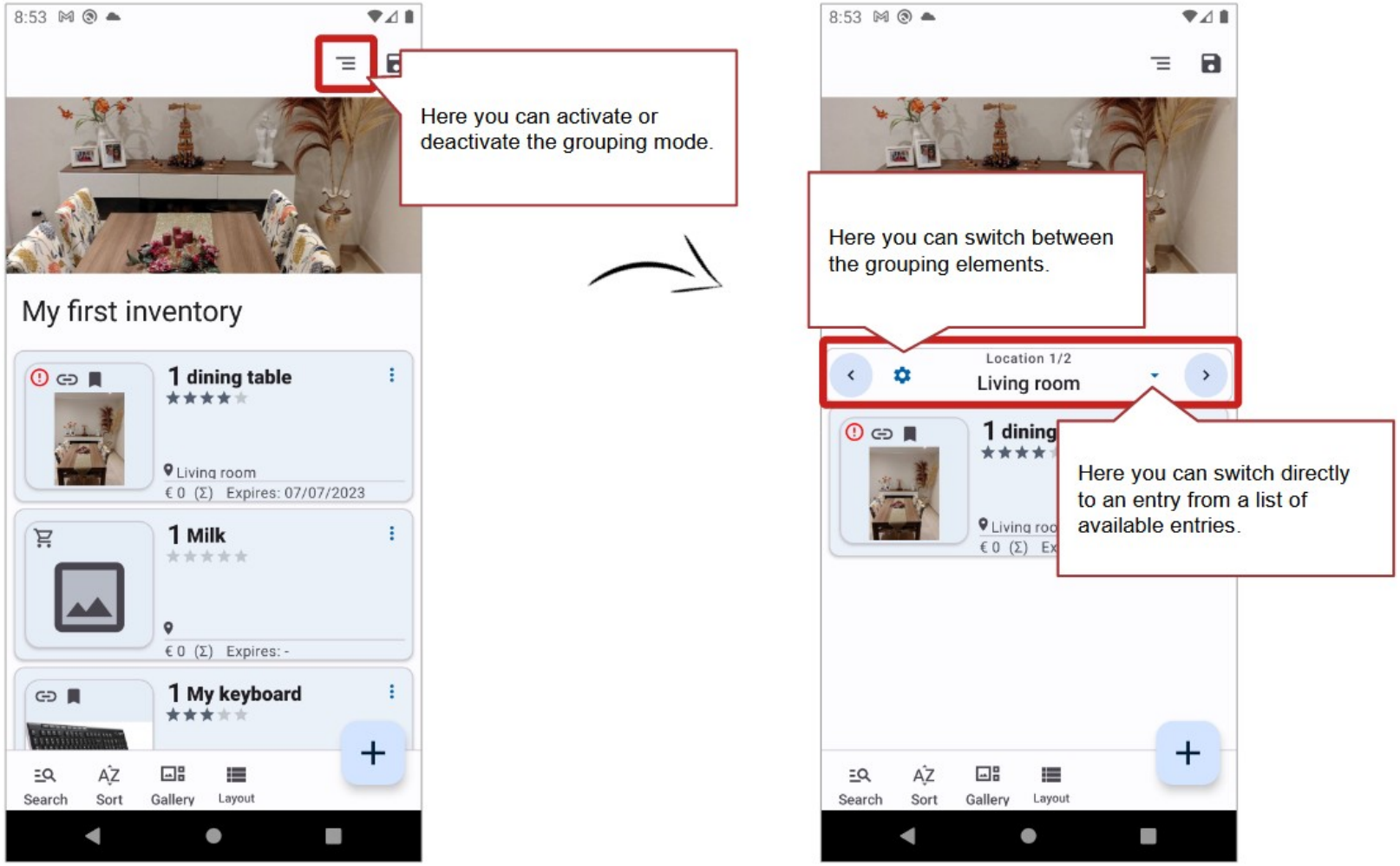
5.3.3 Sorting the article list

You can sort the list of items in ascending or descending order by different attributes of the items.



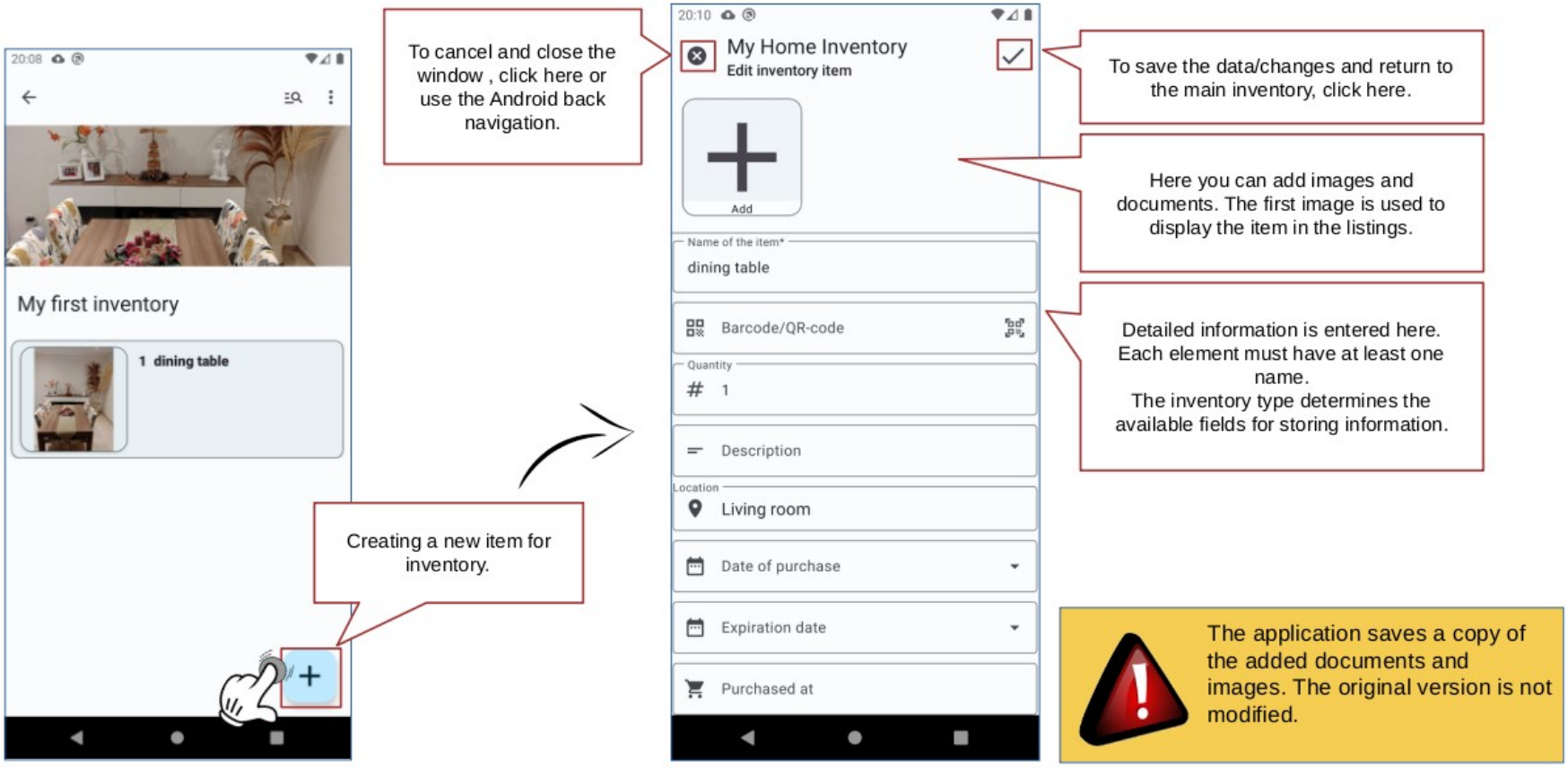
5.3.4 Grouping the article list

You can activate a grouping in the article list. This is possible for the location, category, source and rating of the article.

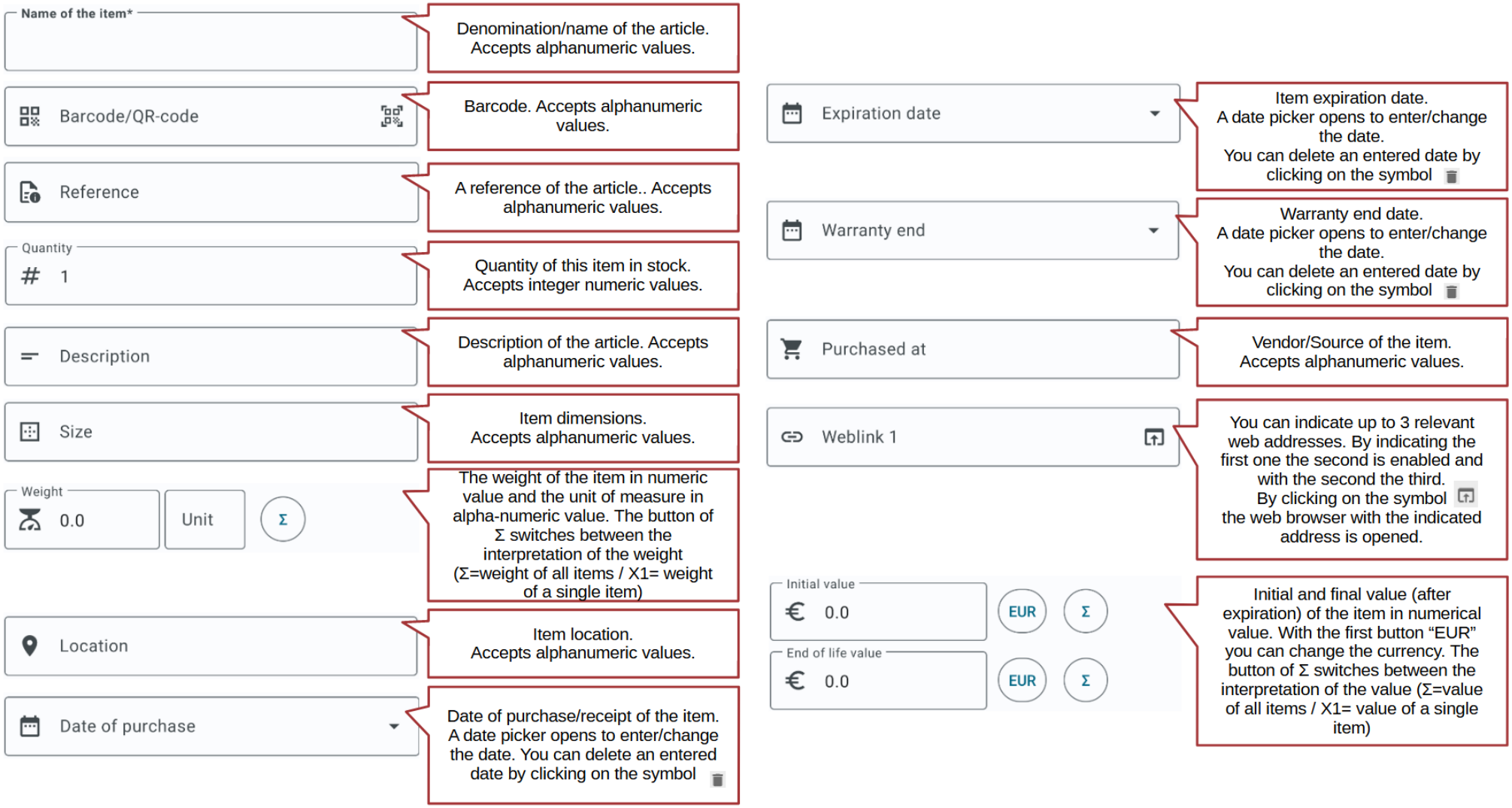


5.3.5 Adding an item/item to inventory

To add an item to inventory, click in the main list of inventory items on



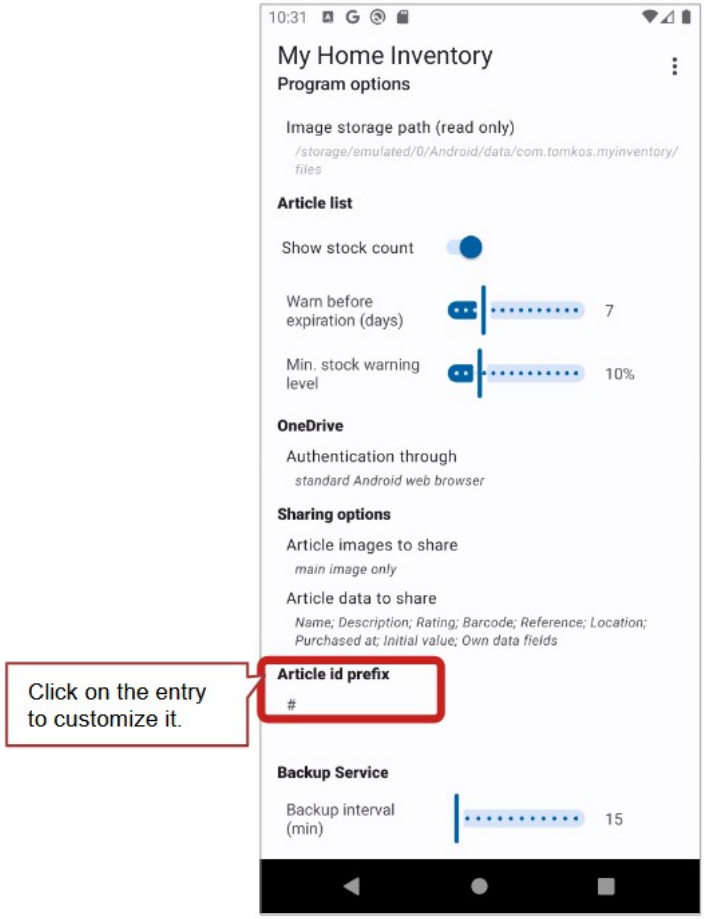
Depending on the inventory type, different information can be managed for each item. Here is an overview of the available fields.



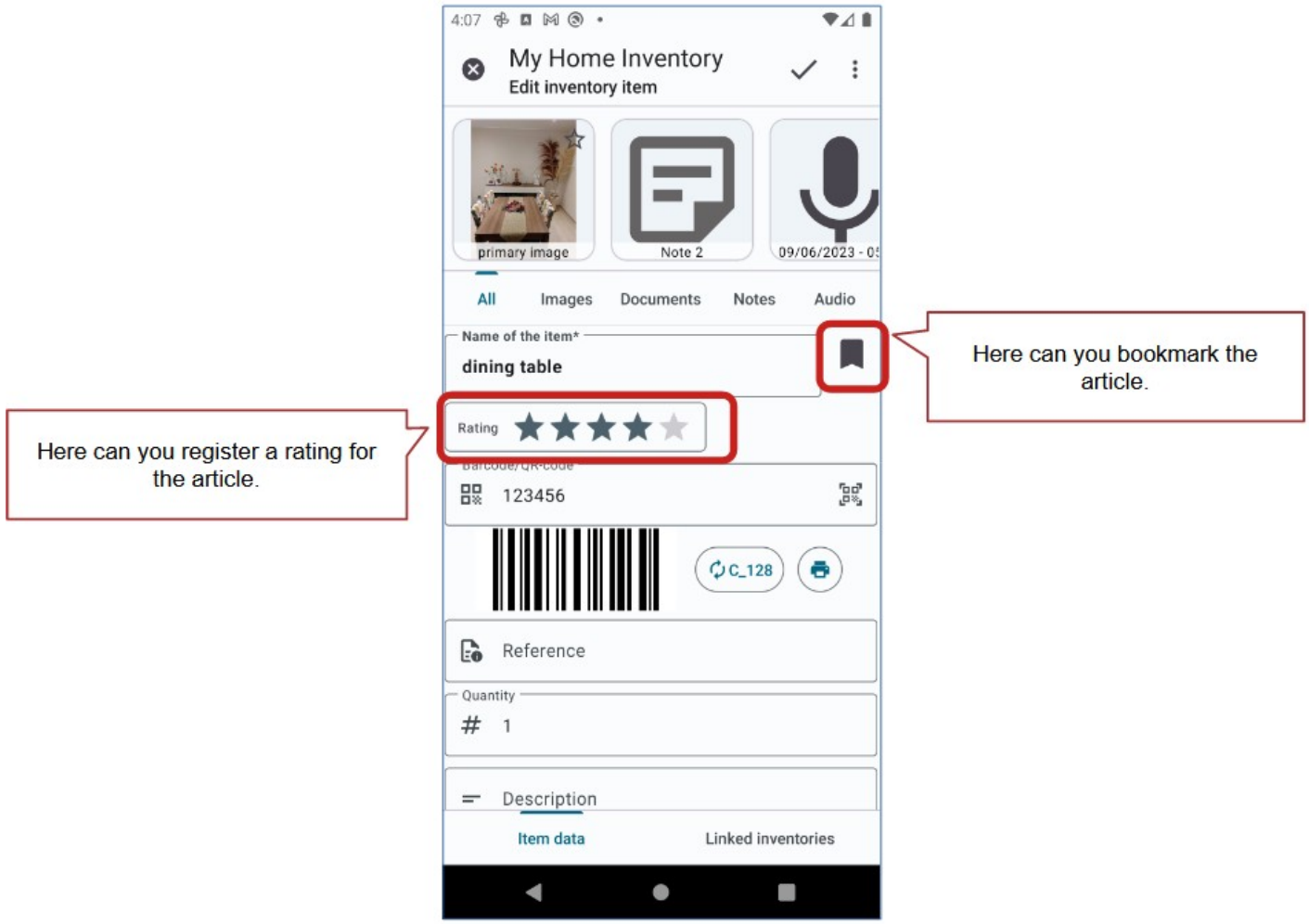
5.3.6 Article ID

The item ID is assigned by the system when the item is created and cannot be changed. It is displayed on both the article view page and the editing window. Also used in Excel export and search.

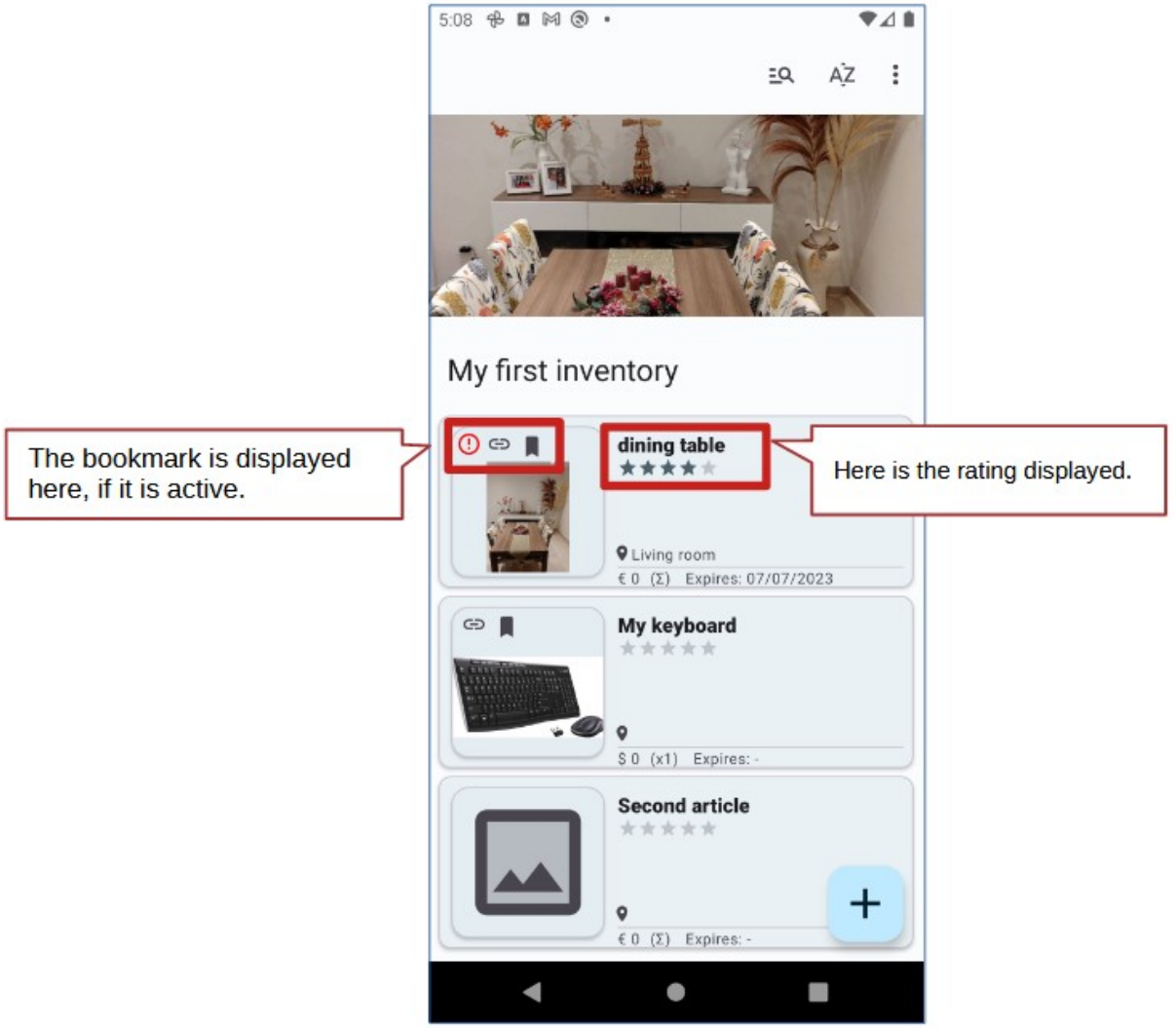
You can specify a prefix in the program options, which will then be placed in front of the ID.



5.3.7 The article fields – rating and bookmark



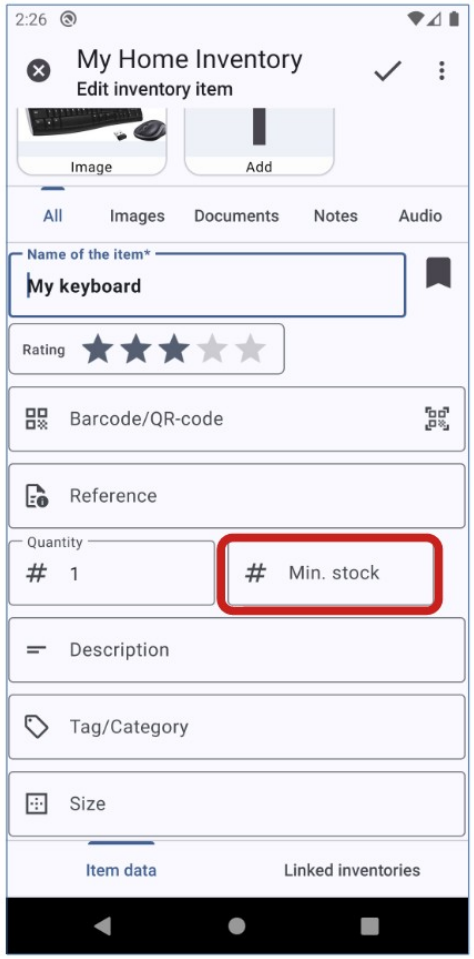
The rating is displayed in the item list. The bookmark will only appear in the article list if it is set.

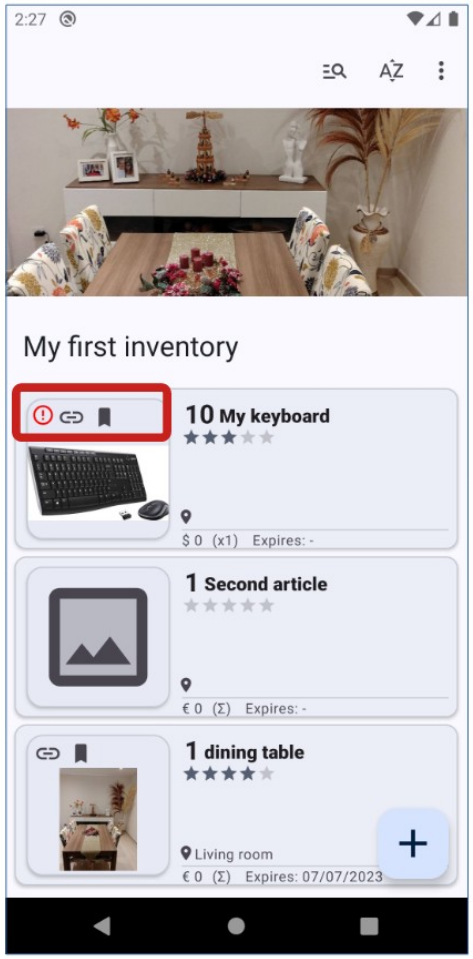


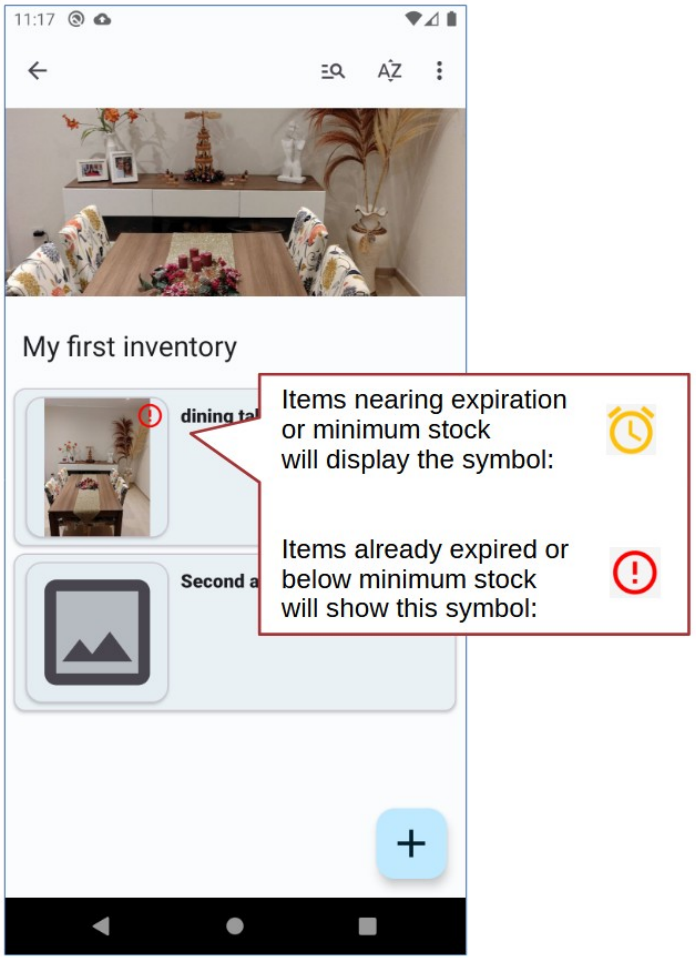
The rating is also displayed in the Excel export as well as in the article sheet.

5.3.8 Data field “Minimum stock”

You can specify a minimum stock for items. If the minimum stock is reached, the article is marked in the article list view (red). If the stock approaches the minimum stock, if the difference is about 10%, the article is marked in the article view with a yellow warning sign.

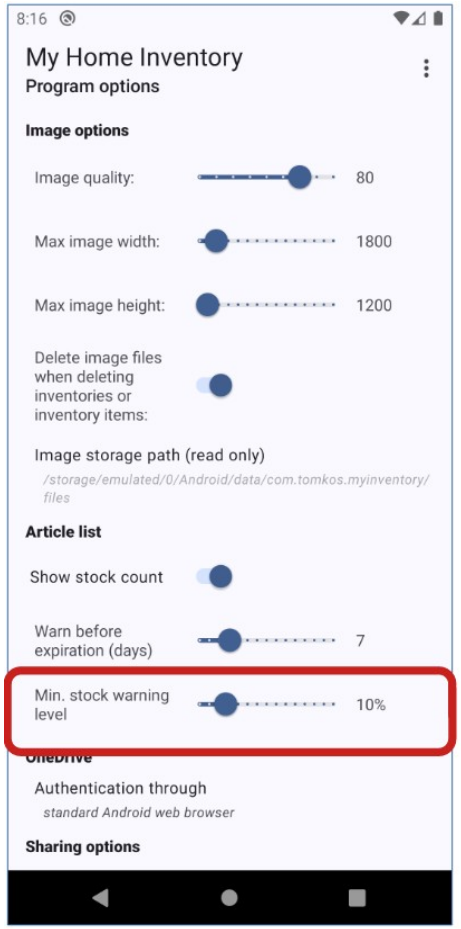


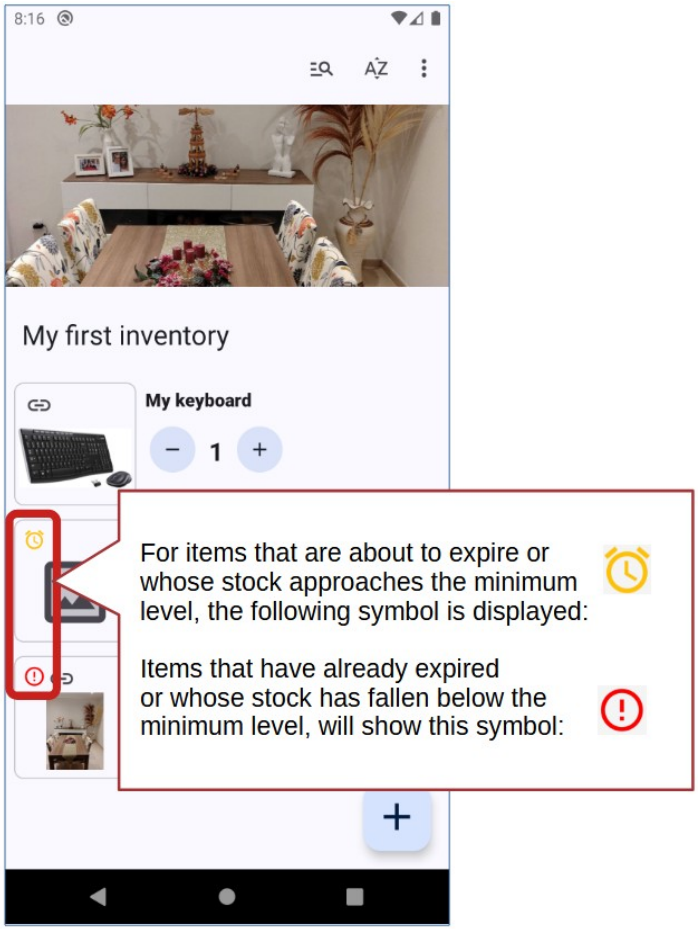




5.3.9 Setting the minimum article stock warning level

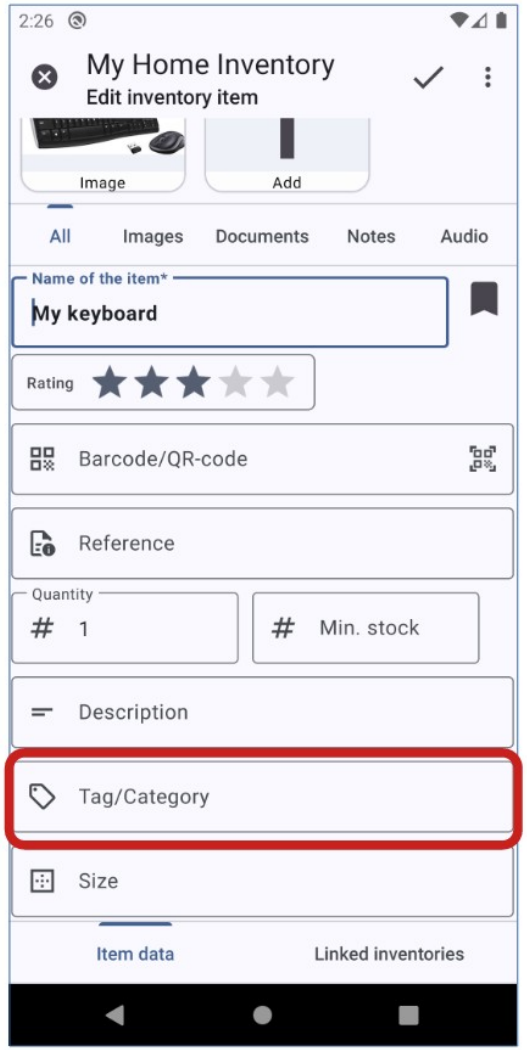
You can set the stock warning threshold between 0 and 51% in the options. If the value is 0, the inventory warning is deactivated. All other values mean that as soon as the current inventory reaches the minimum inventory plus the set % value, a warning symbol is displayed on the item. Example: With a “Minimum Stock” of 10 and a set “Min. Inventory warning” of 20%, a warning symbol will be displayed as soon as the current inventory reaches 12: (20%*10 = 2) + 10.
If the stock falls below minimum stock, a “caution sign” is displayed on the item.





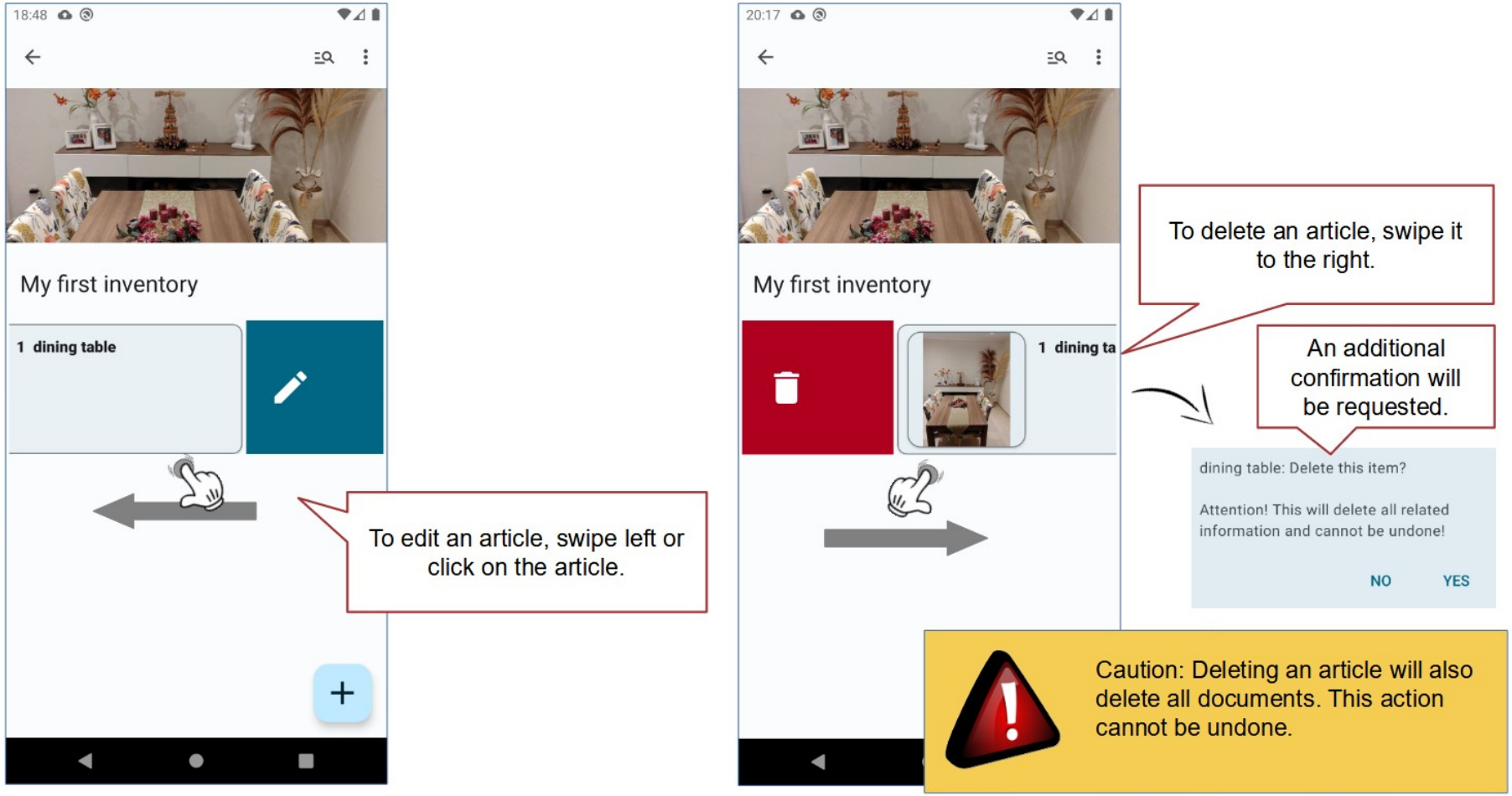
5.3.10 Data field “Tag/Category”

You can specify a category for articles. When the field is activated, the categories already created in the inventory are optionally displayed for selection. Global search and item list search includes this field.



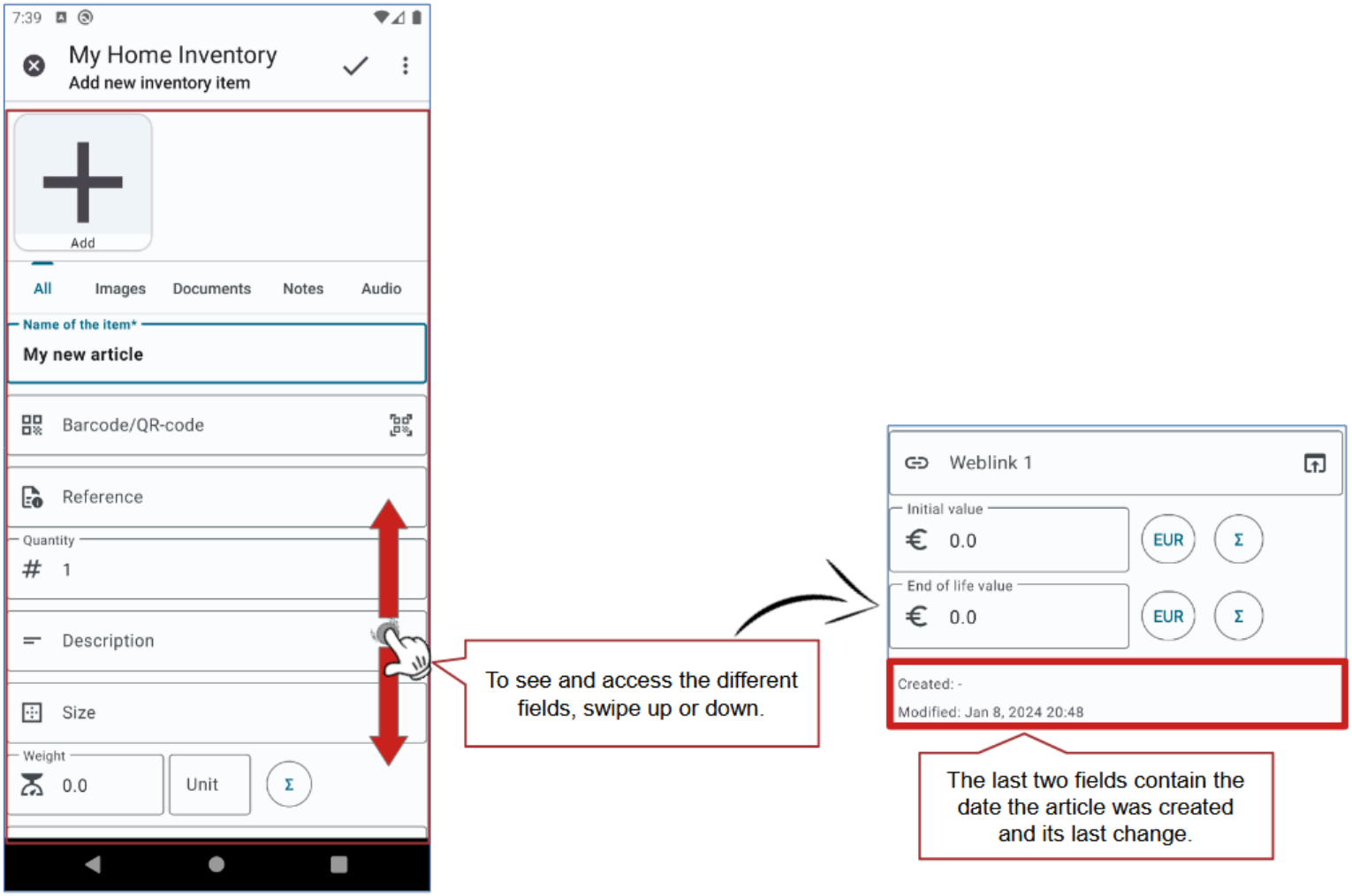
5.3.11 Edit or delete an item

To delete or edit the article, swipe it to the right (delete) or left (edit/view details).



5.3.12 Creation date and last modified date for items and inventories

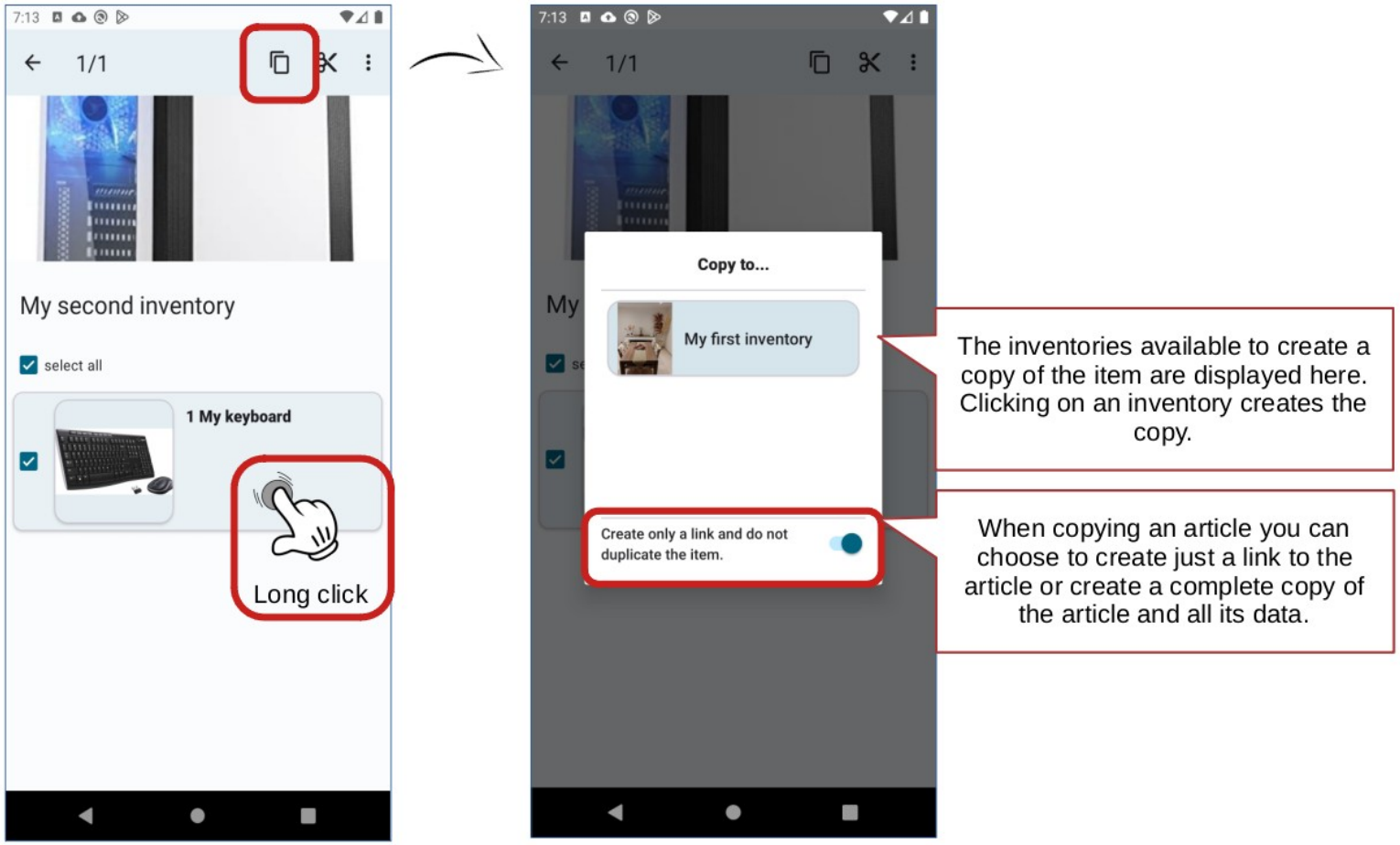
From this version onward, the creation date and the date of the last change are saved for items and inventories. This information is displayed in the respective editing window:



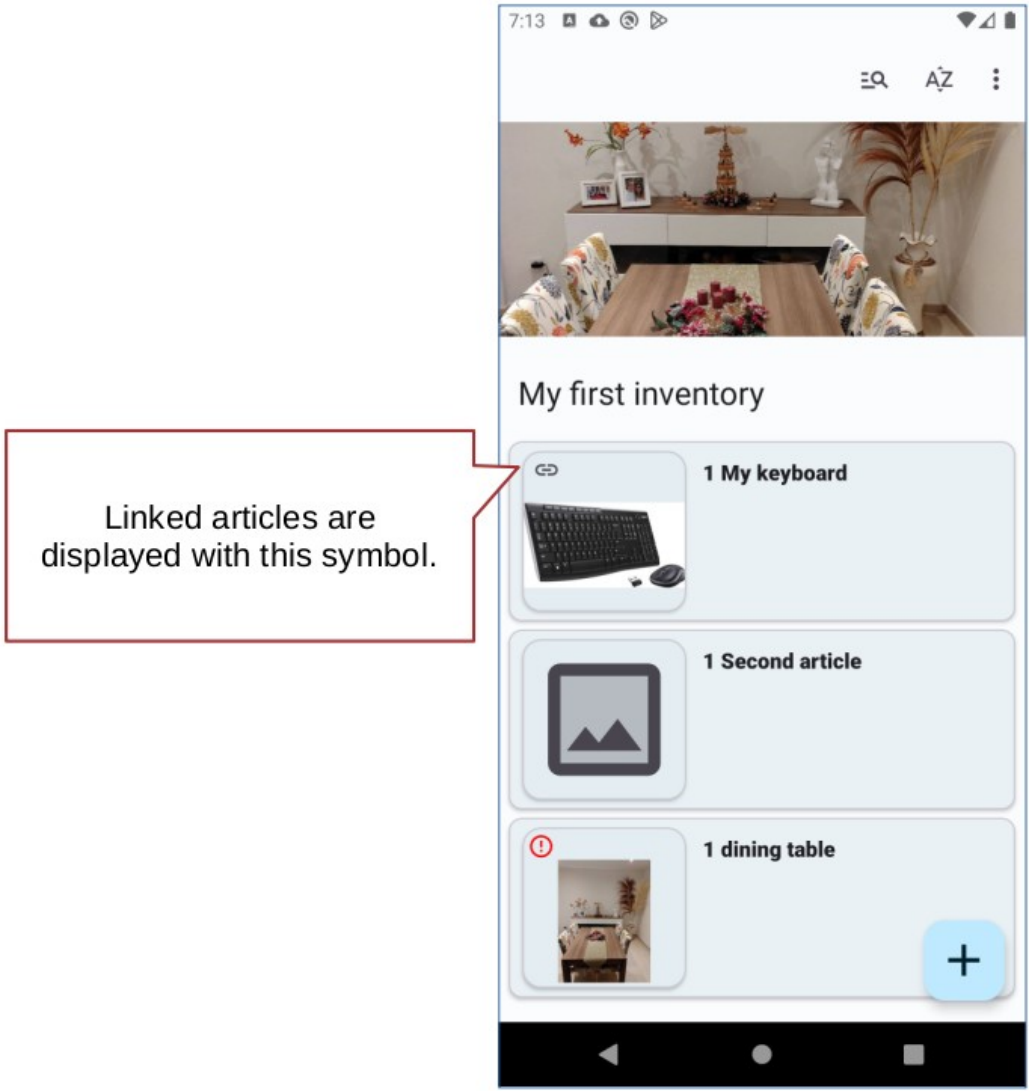
5.3.13 Items linked to multiple inventories

Items can be linked to several inventories. Creating a link means that the item with all its data and documents only exists once, but is visible and accessible from all inventories to which it has been linked. Likewise, each change made to this item will be visible in the related inventories. You have also the option to create a complete copy of an item, including all of its data.

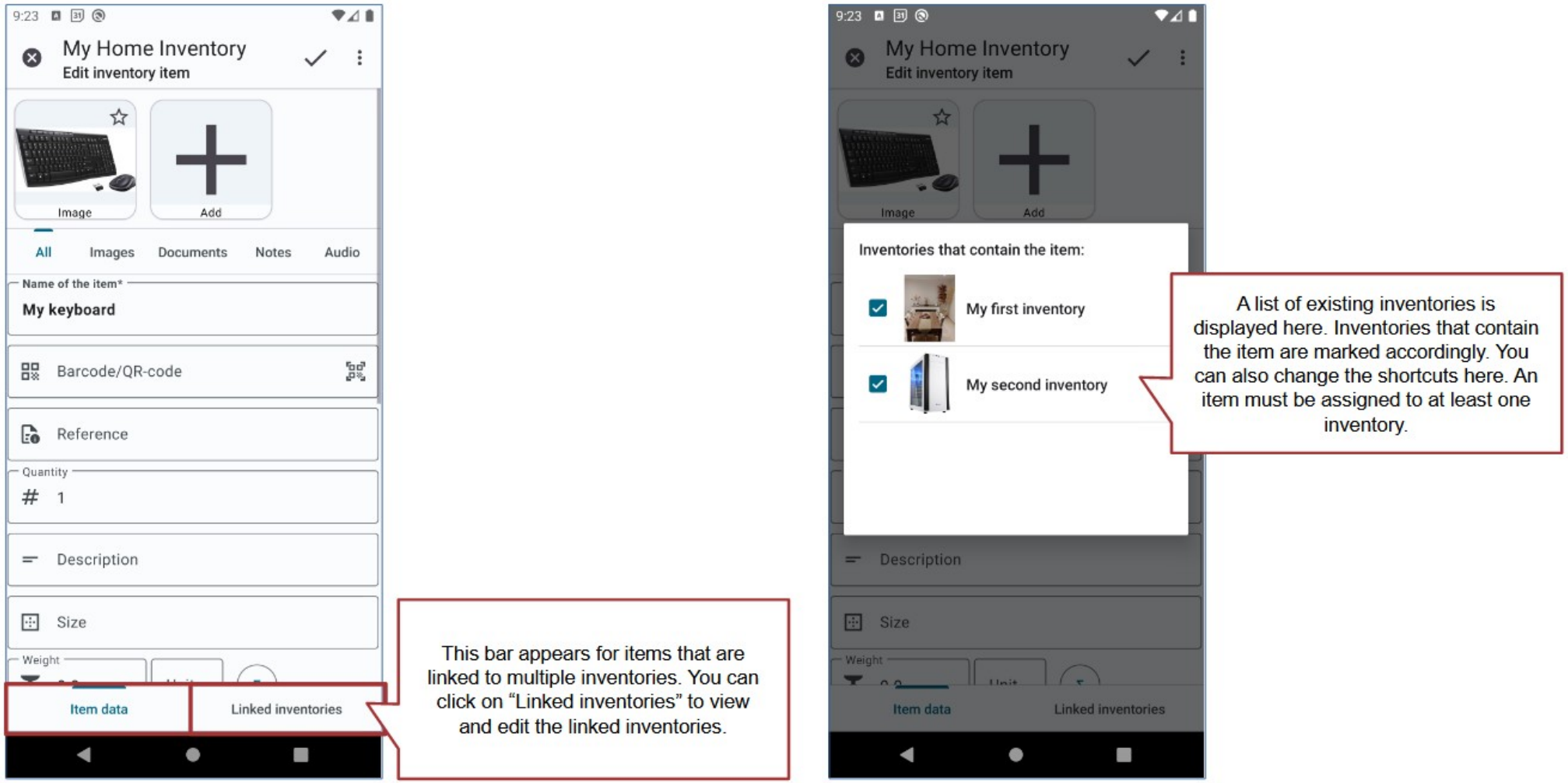
The copy/link creation option is accessed through the list of articles, activating the action mode by long clicking on the element in question. By choosing the copy function you can choose between creating a link or a complete copy and the recipient inventory.



Linked articles are distinguished in the article list with a link symbol. Clicking on a linked article will always open the base article:

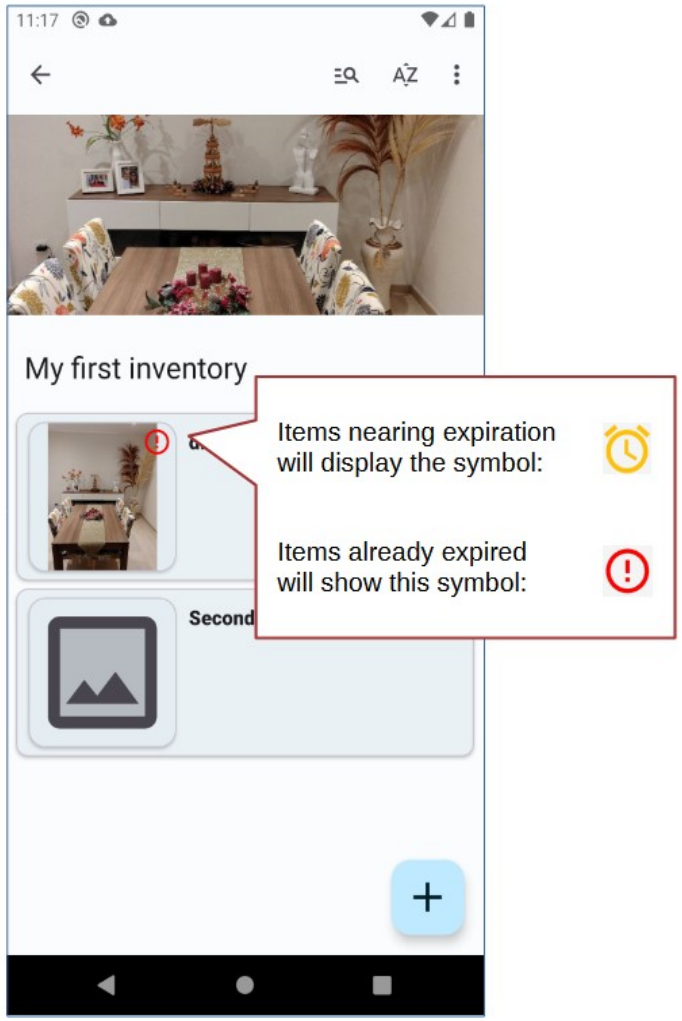


Items linked to multiple inventories display a bar in the item editing window that provides access to the list of inventories to which the item is linked. You can assign or un-assign the item to all desired inventories. An item must be linked to at least one inventory.



5.3.14 Expired or nearly expired items

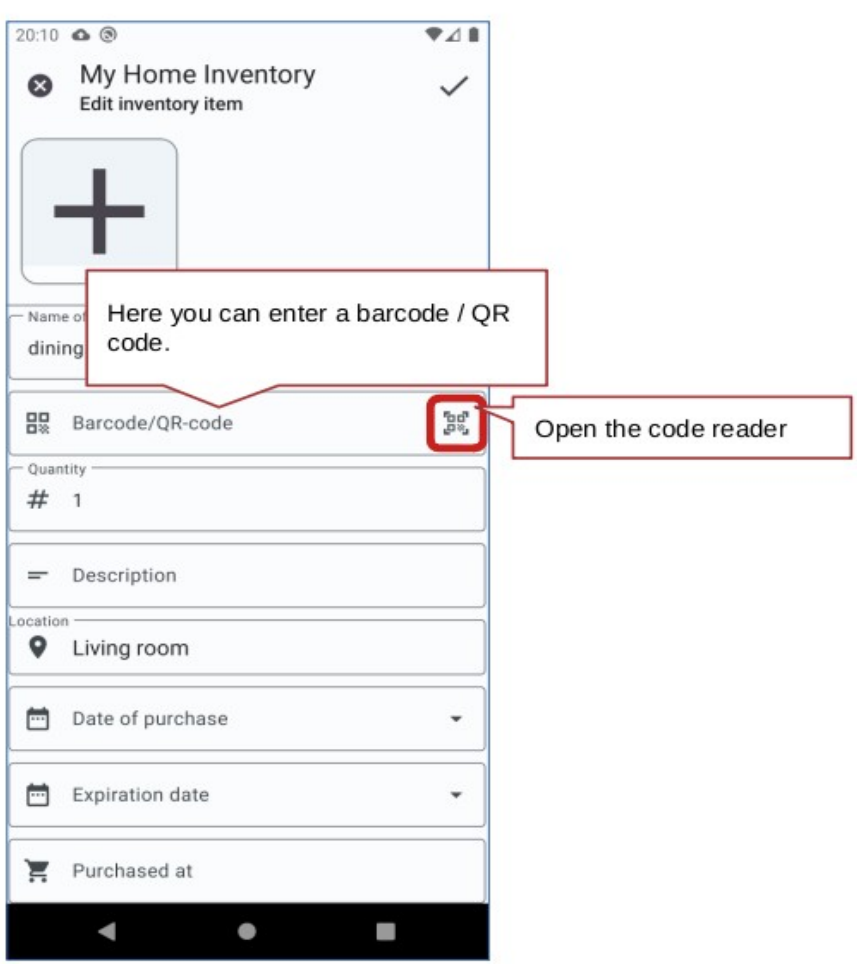
The item list indicates items that are expired or about to expire. In the general options (see page 15) you can configure from how many days before expiry an article is marked, or you can deactivate the marking function (setting the option to 0 days).

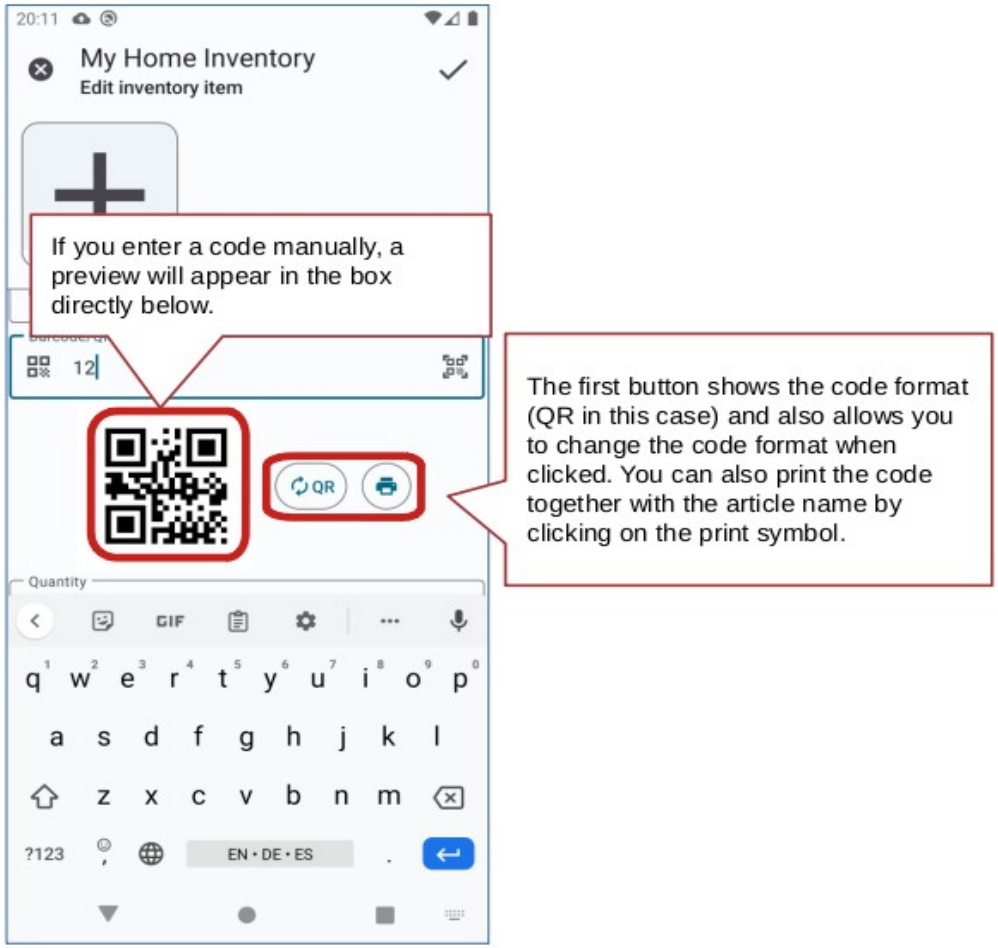


5.3.15 Using barcodes / QR codes with items

Barcodes / QR codes can be read and saved on inventory items of type "with barcode". The inventory type is defined in the inventory configuration when it is created (see page 16) and can also be changed at any time (see page 24).

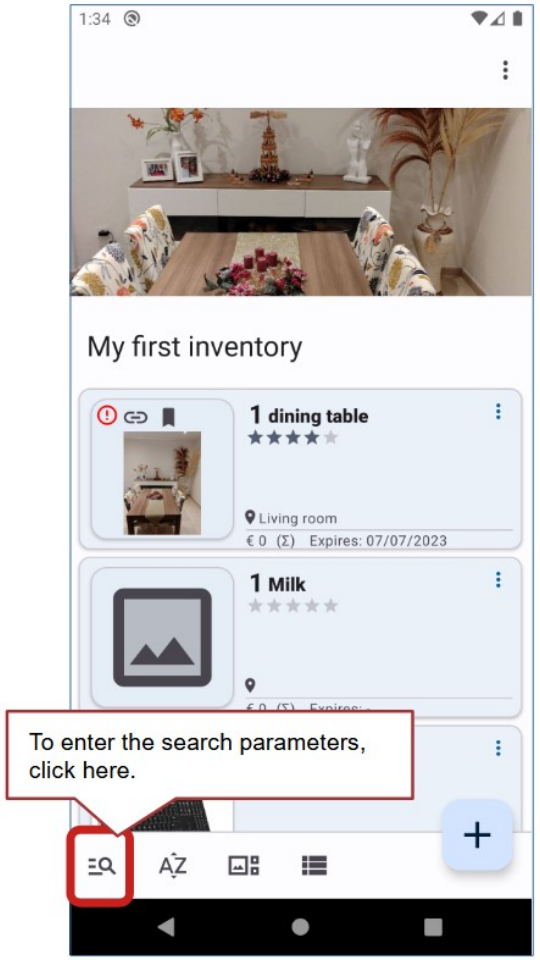
You can also change the type of code and print it out.

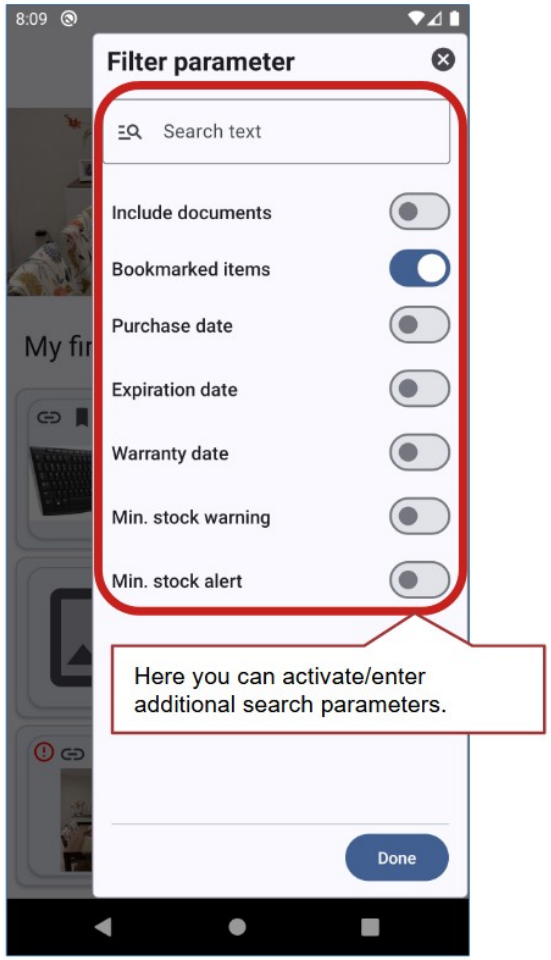


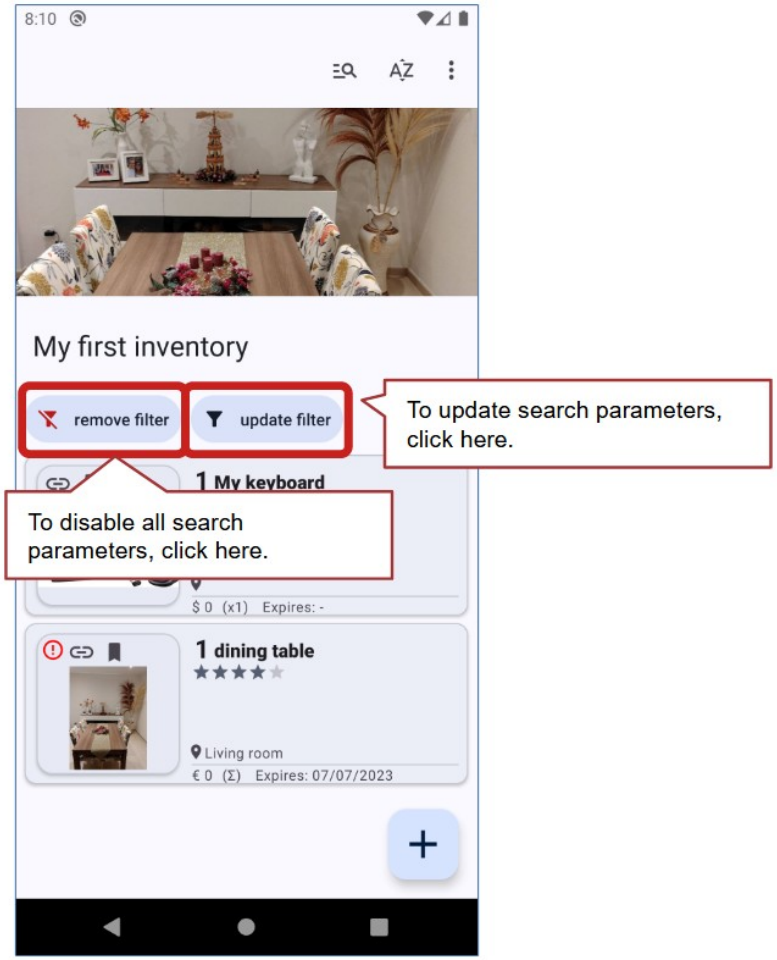


5.3.16 Search for items/items in an inventory

Search criteria can be specified in the article list. To do this, click on the filter icon. A filter window will then open in which you can activate and configure the criteria.

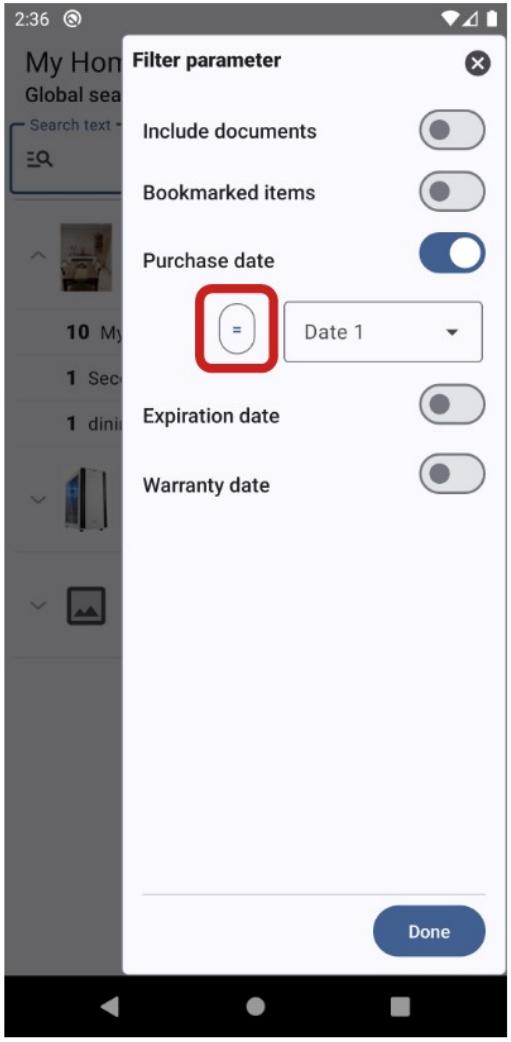


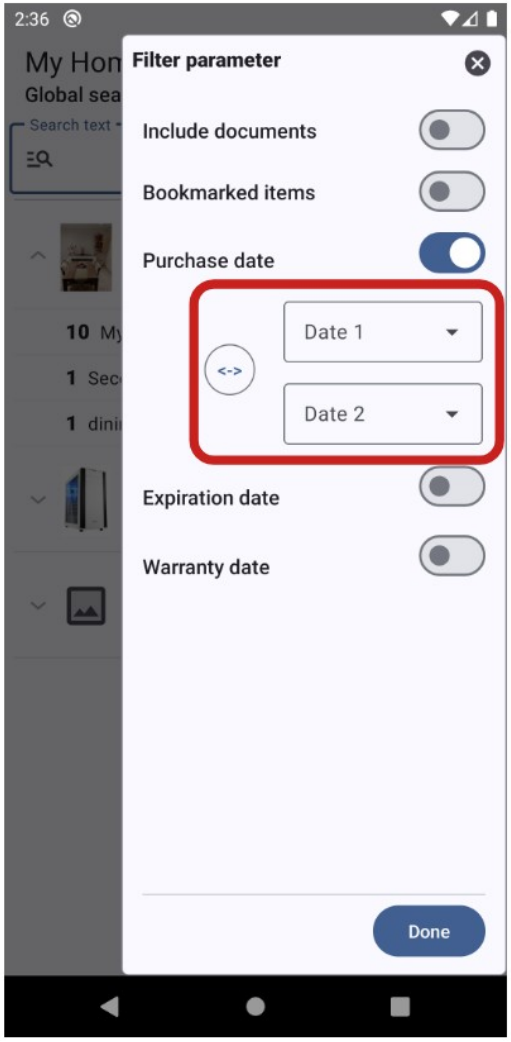




When the filter is active, two action buttons are displayed above the article list for resetting and changing the filter criteria.

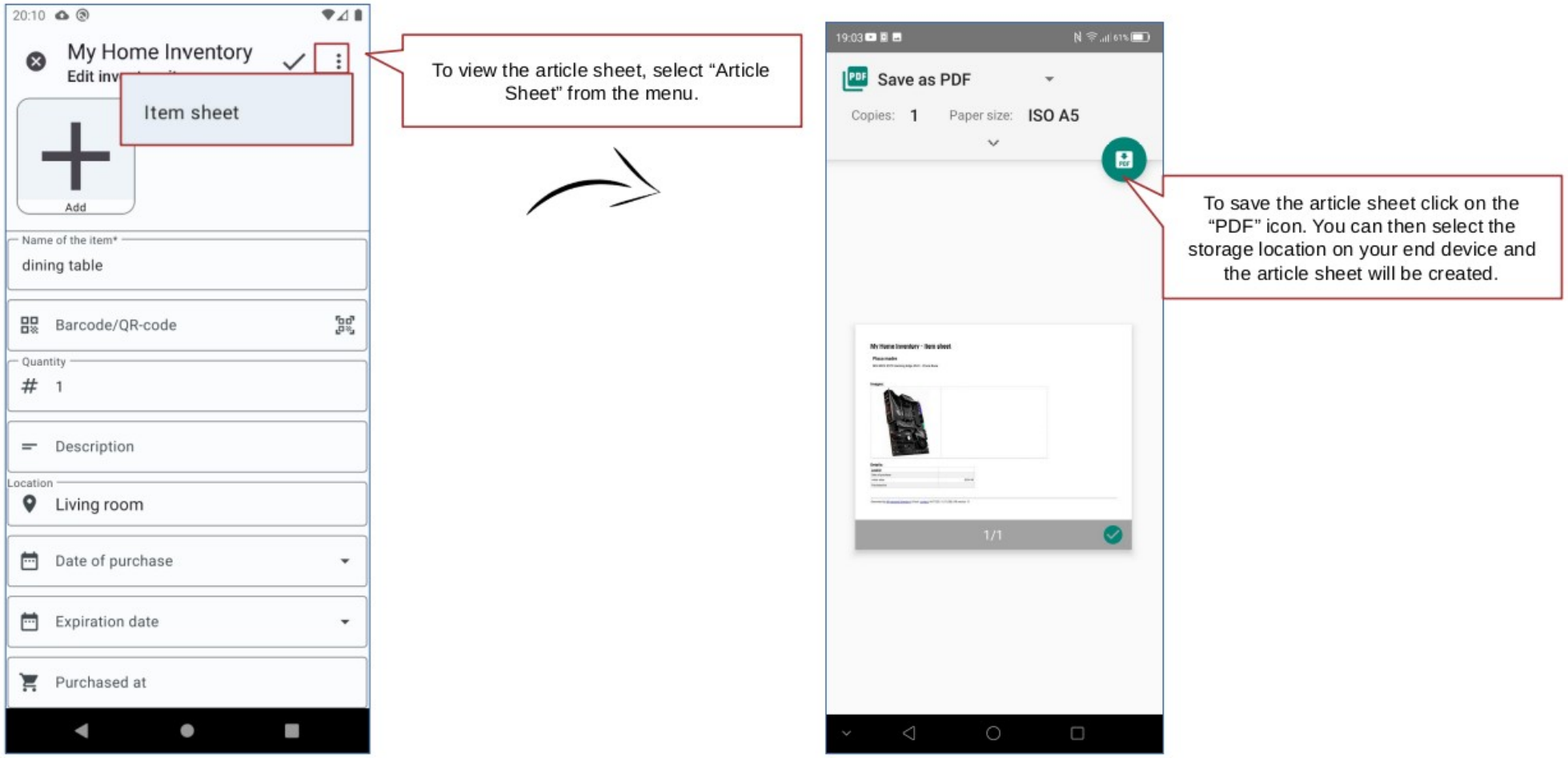
For dates, first select the comparison operator. This can be changed by clicking. Then you can specify the date or start and end date.





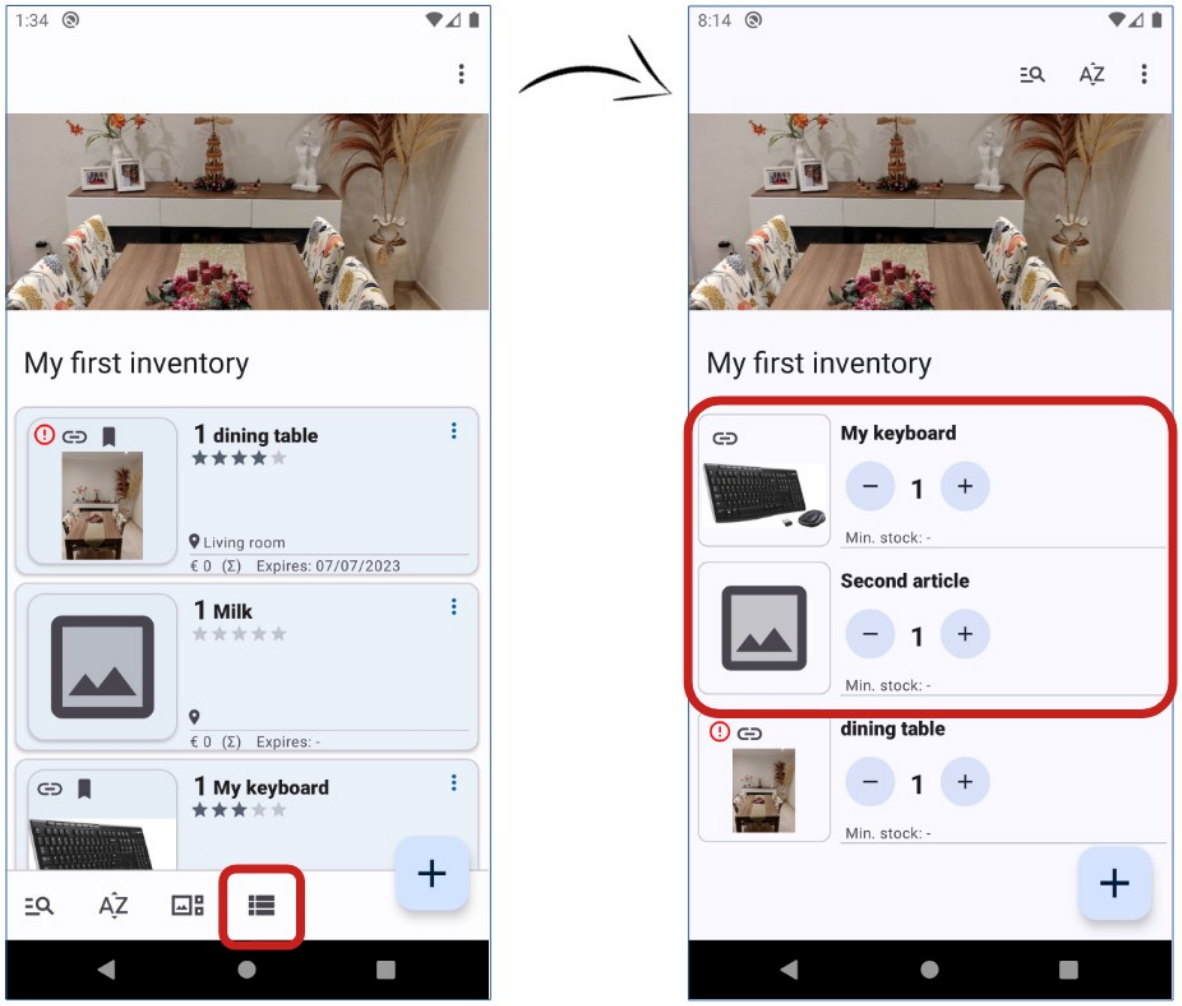
5.3.17 Creating an item sheet

You can export the essential data of an article in an easy overview form, as an article sheet. The standard Android™ print function is used for this, which allows the article sheet to be exported in PDF format.

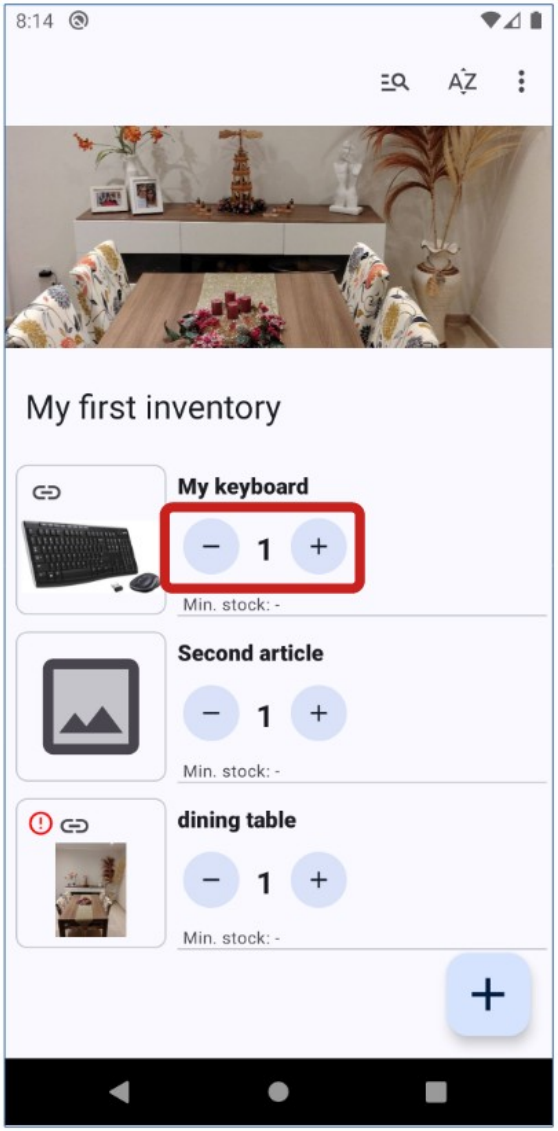


5.3.18 Additional view in the article list +/- switch

Remember, to switch between the different view modes of the article list, use the “Switch view” menu option. This switches to the next available view.

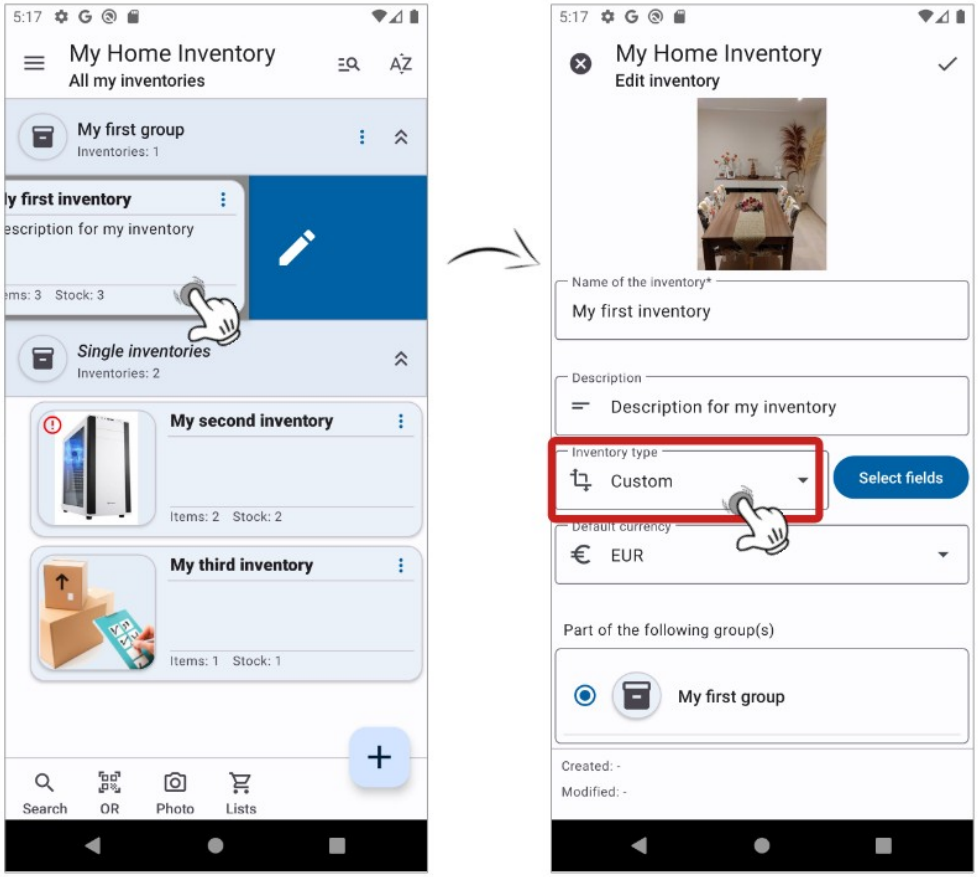


The +/- buttons allow you to easily adjust the inventory without having to open the item. The stock cannot fall below the value 0.

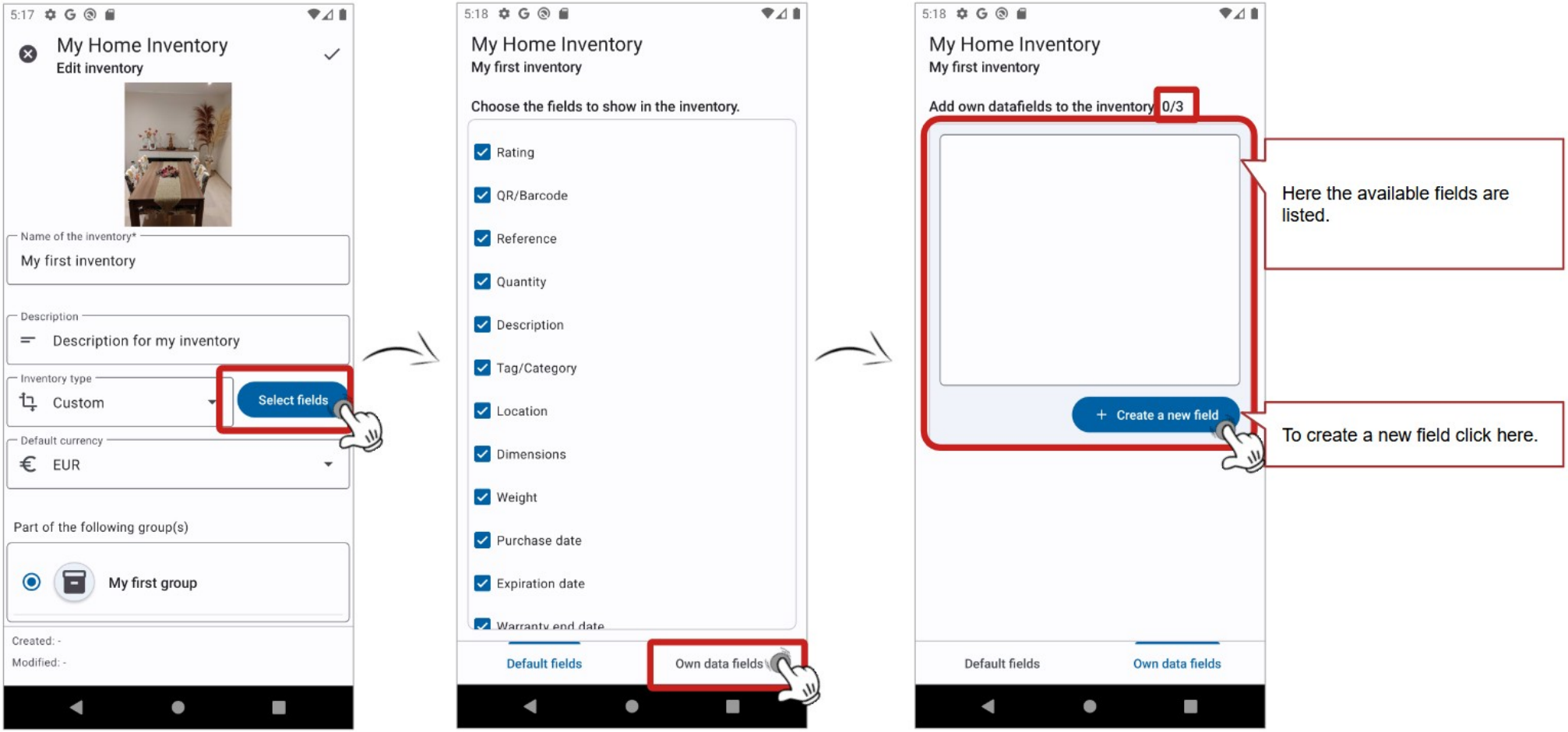


5.4 Create and add your own fields to inventories

You can create own data fields and add up to 3 of them to each inventory/item. This option is available for “Customized” type inventories, which also allows you to adjust which standard fields are displayed in the inventory. To change the inventory type, edit the inventory properties and click on the “Inventory Type” drop-down to choose “Customized.”

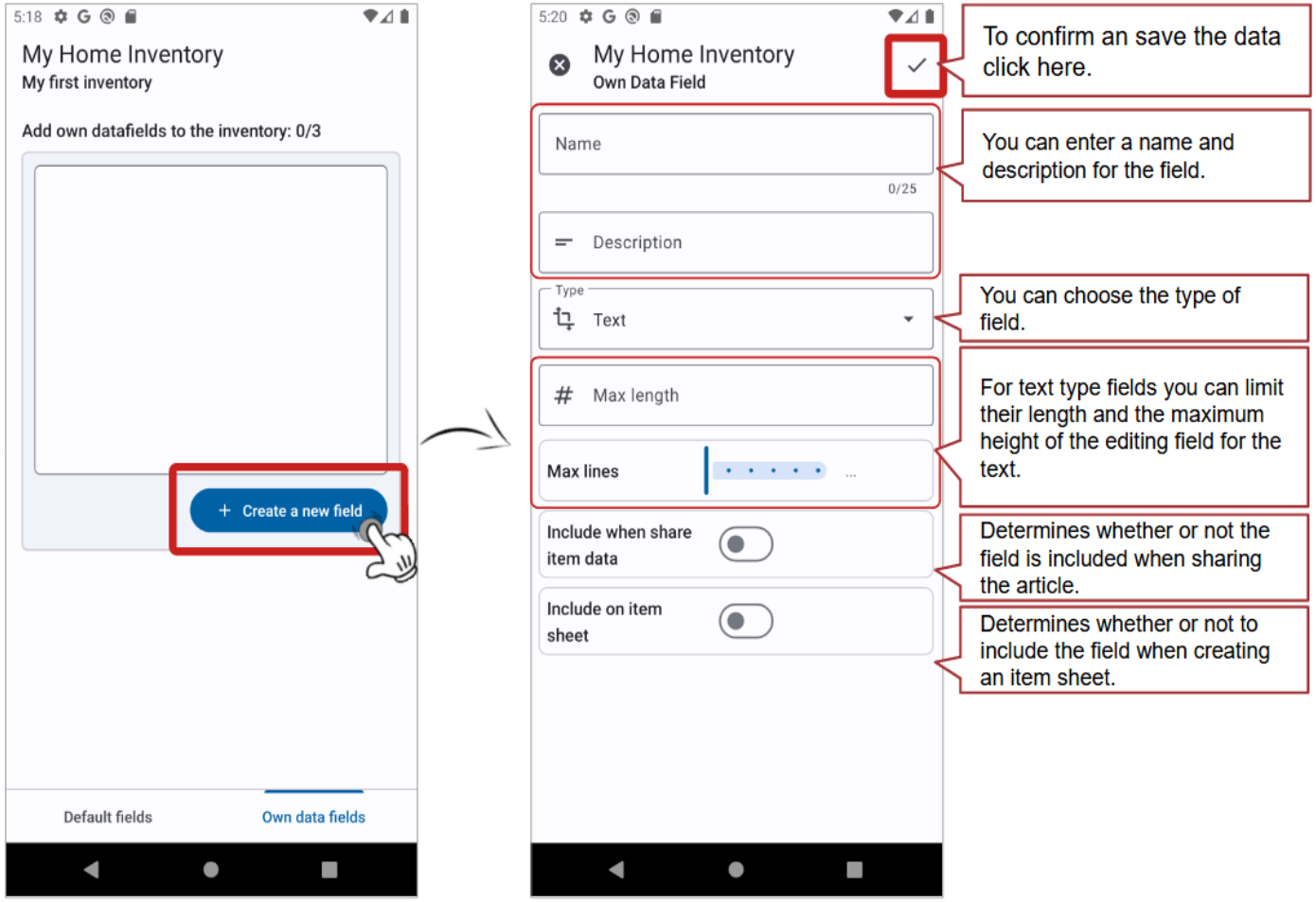


Next click on the “Choose fields” button, and then click on the “Own fields” tab. The next view will display a list of all available own fields. To add a new field, click “Add a field”.

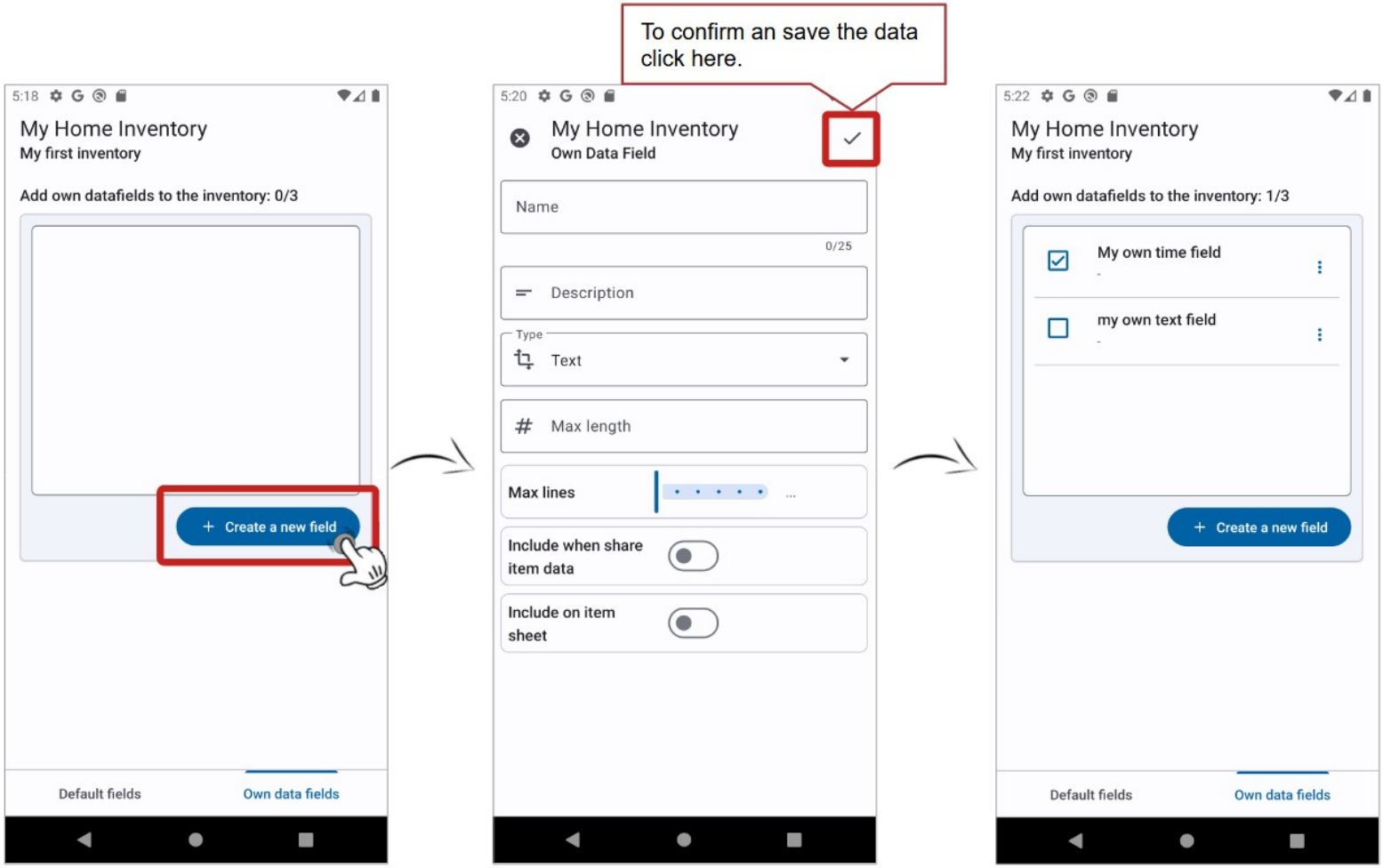


In the view of creating/editing your own field you can indicate a name that will be used to display the field in the article. You can also choose between different field types, which will make entering data easier.

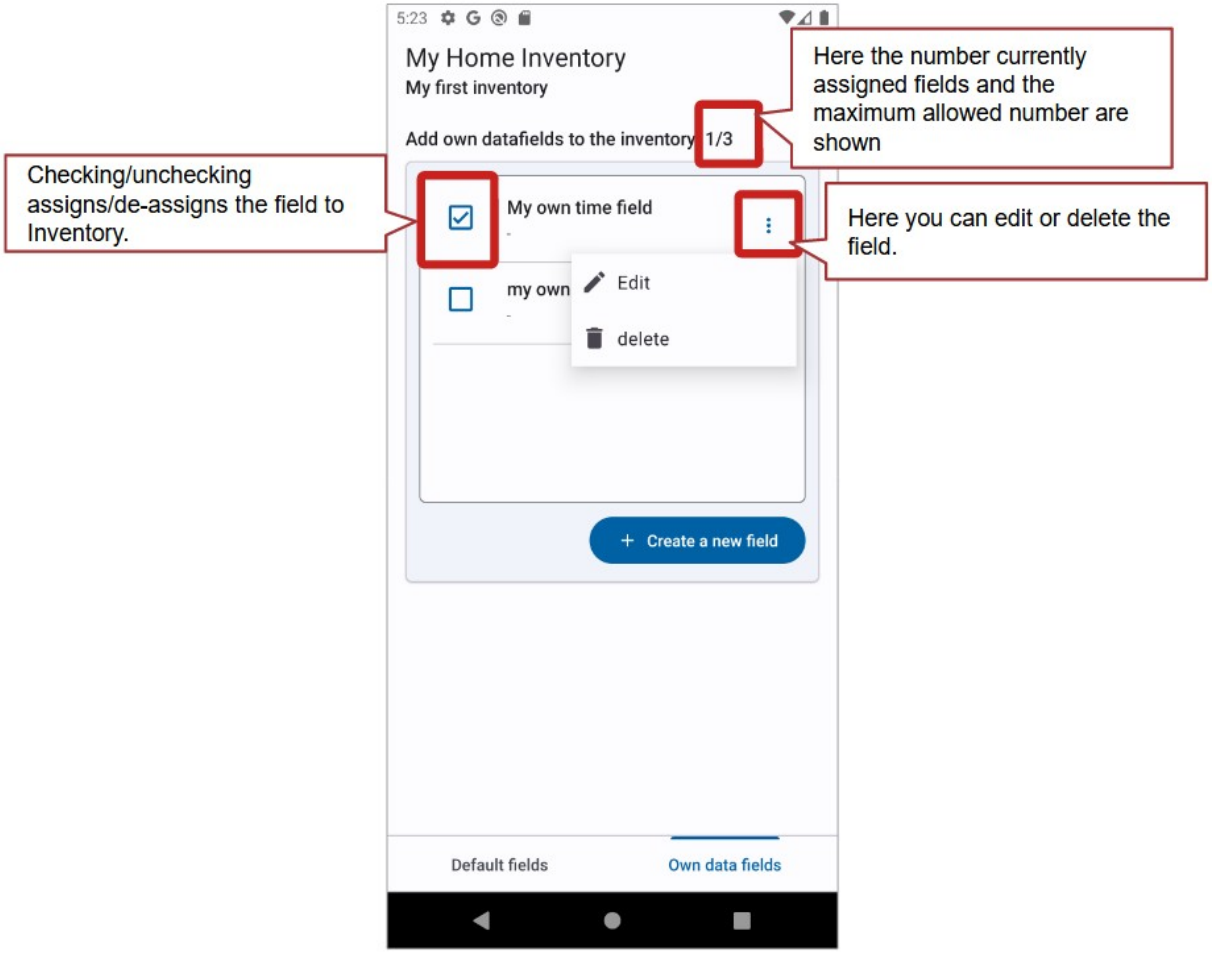
Please note that if you later on change the type of a data field, existing data that does not correspond to the new type may not be displayed/edited correctly. For example, if a text field is changed to a date or time field.



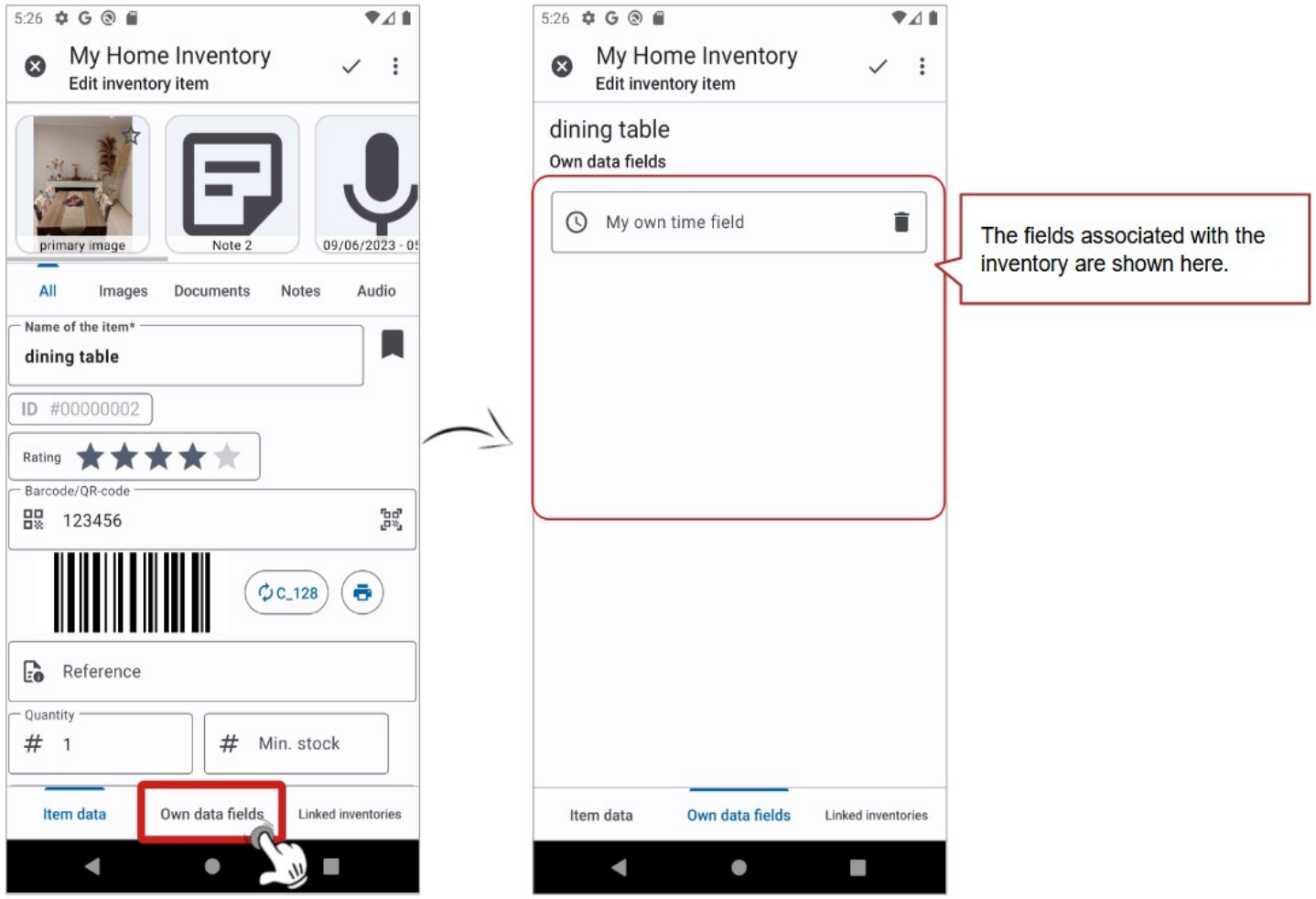
The fields you create will be added to the list of your own fields.



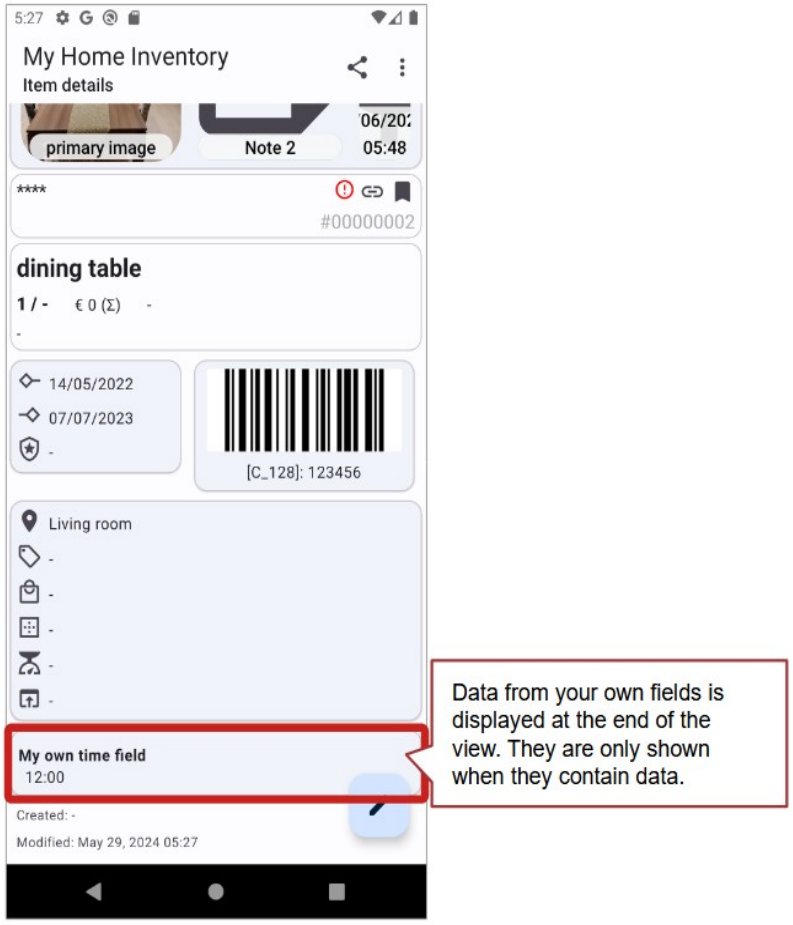
You can mark up to 3 fields to add them to an inventory. You can only uncheck a field if it does not contain data in the inventory. When you delete a field, the data it contains will also be deleted. The app will show you a warning about this and you can decide to proceed or not.

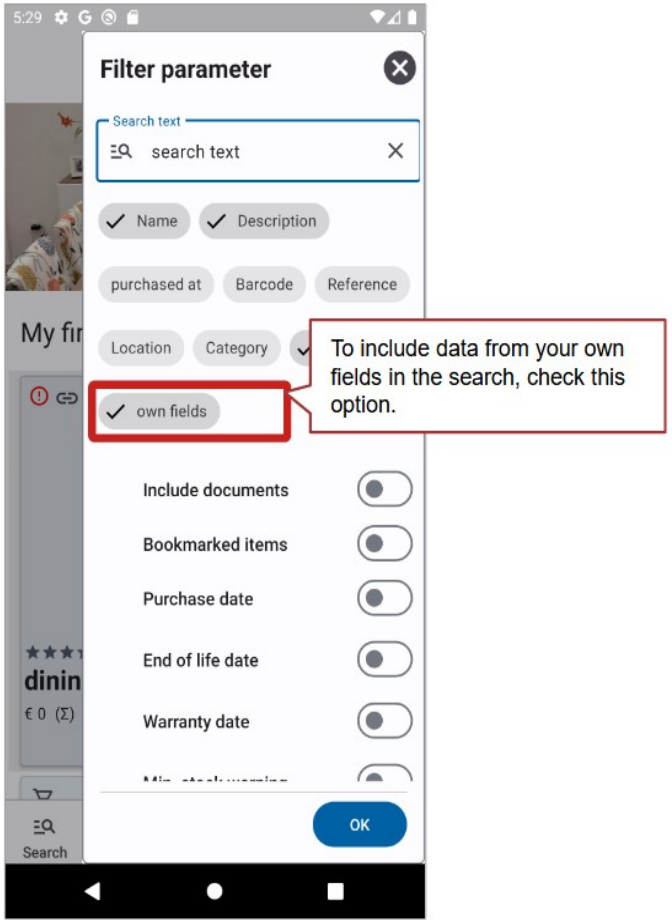


When you edit an inventory item with own fields, these will be displayed in the “Own Fields” tab and you can enter/modify the data there.



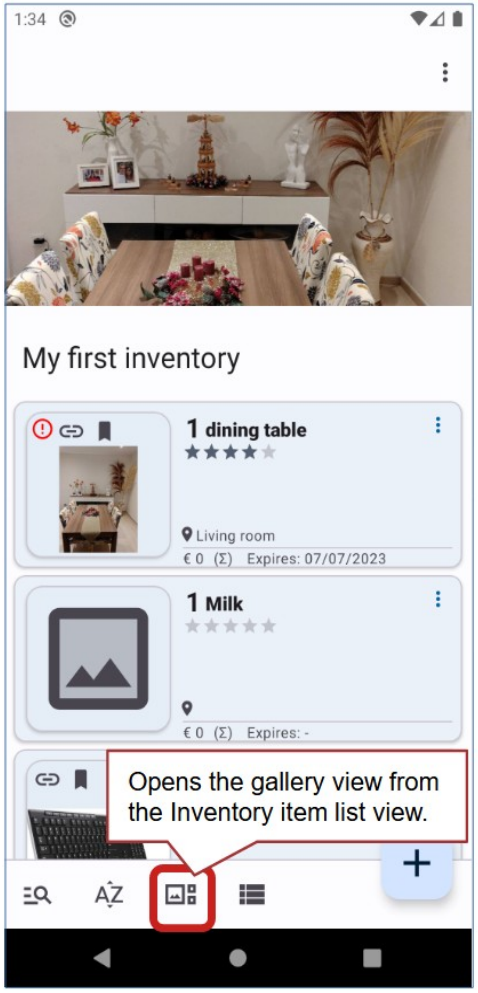
Own data fields will be displayed in the article display, at the end of the view. You can also indicate in the search to include own data fields.

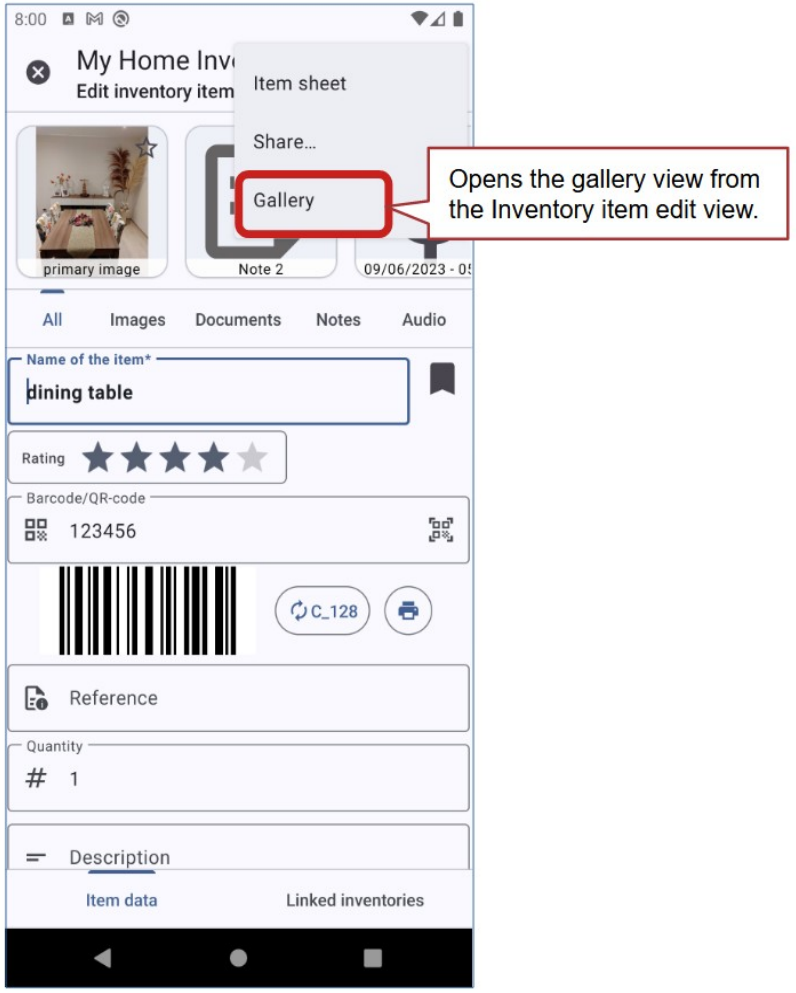




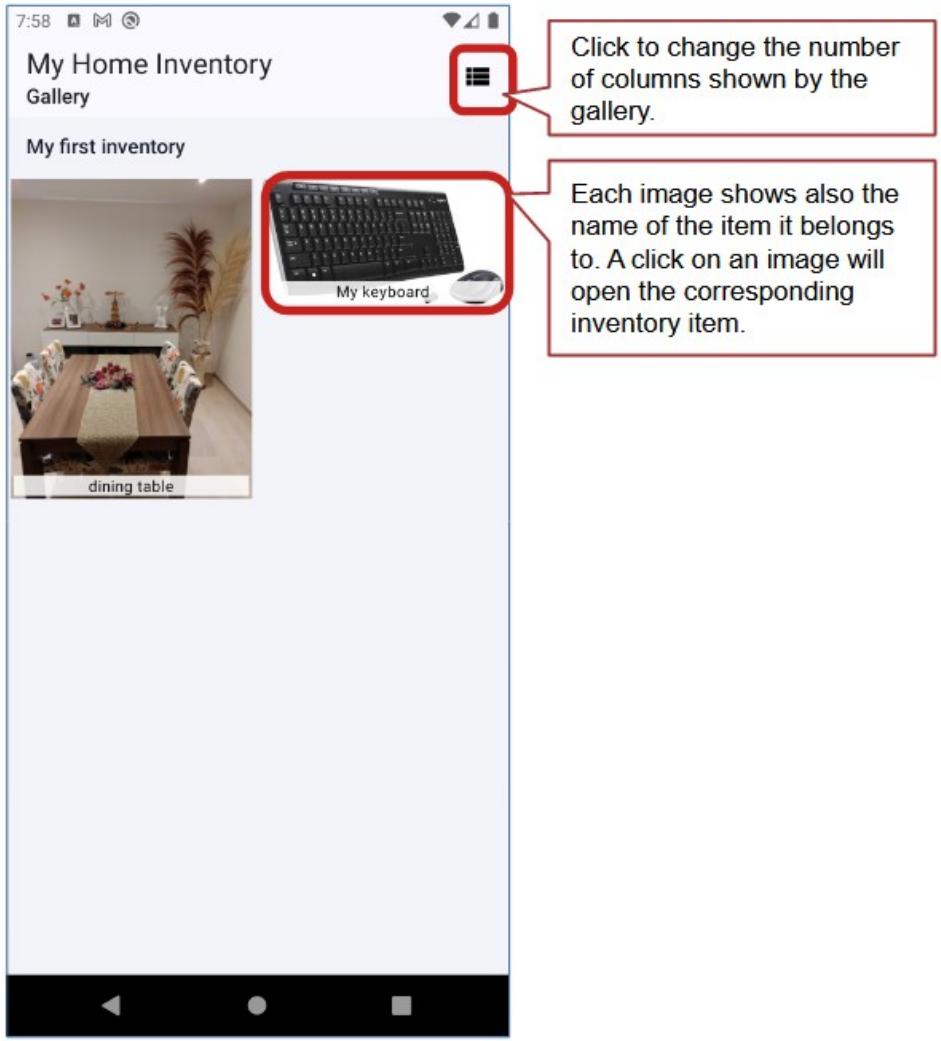
5.5 Gallery view for inventories and items

The application provides a gallery view for inventories and items. All images of the corresponding item or all items in an inventory are displayed in the gallery. You can access the gallery via the corresponding menu.

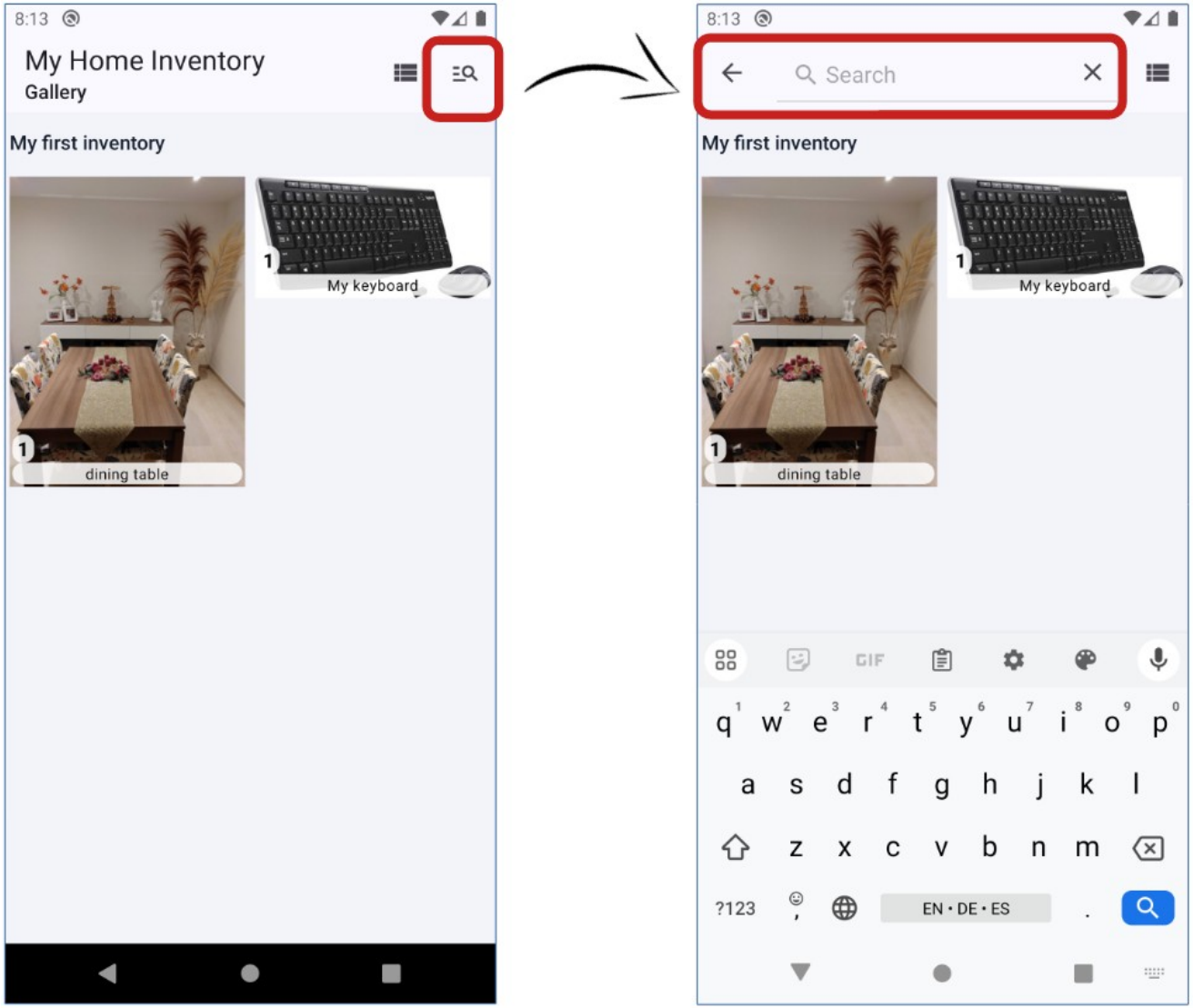




The Gallery view can show the images in 1, 2 or 3 columns. You can change between the column count via click on the corresponding symbol in the title bar. Each image shows also the name of the item it belongs to. A click on an image will open the corresponding inventory item.



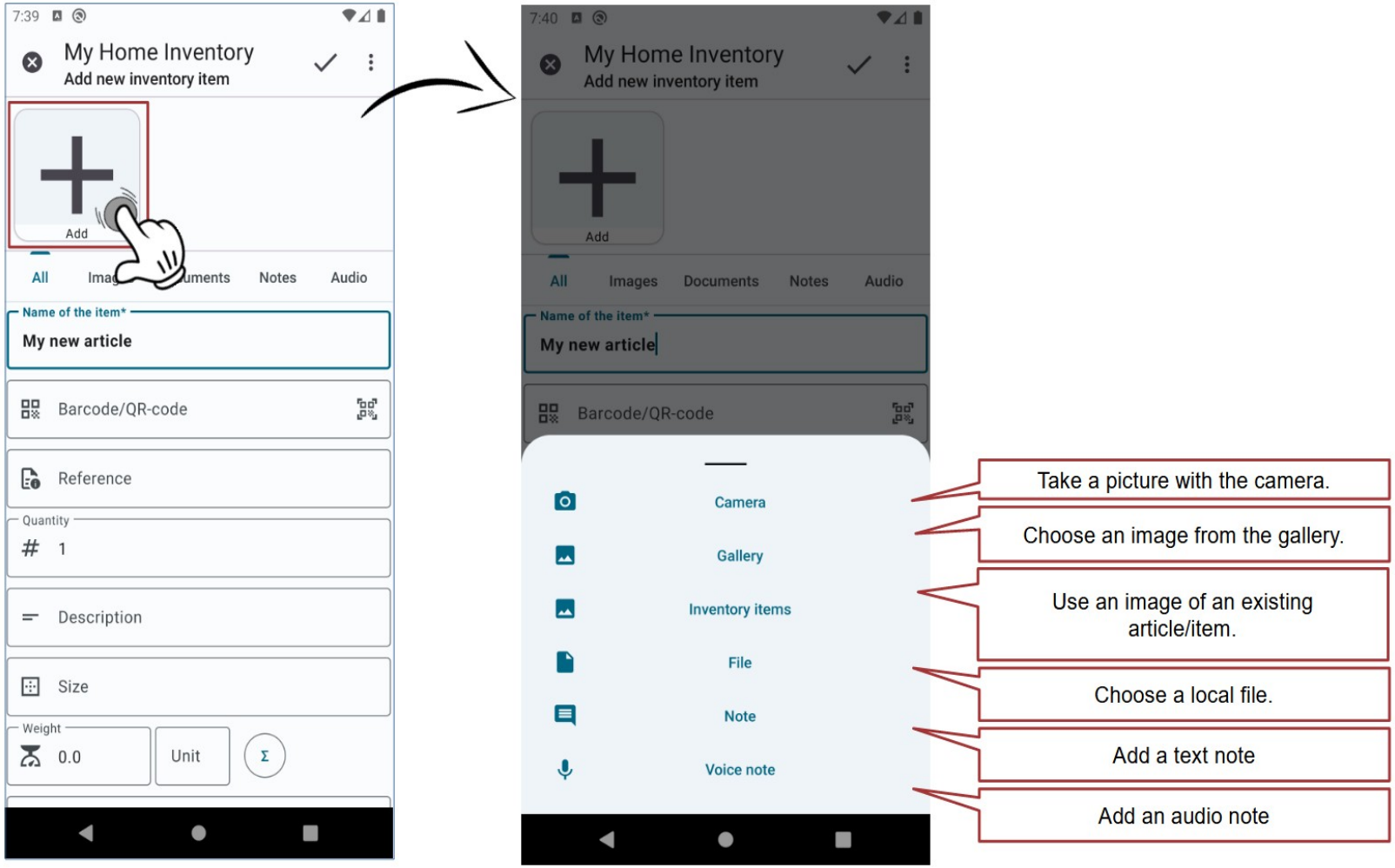
You can now also specify a search text in the gallery view. This filters the gallery in terms of the article names.



5.6 The documents of an article

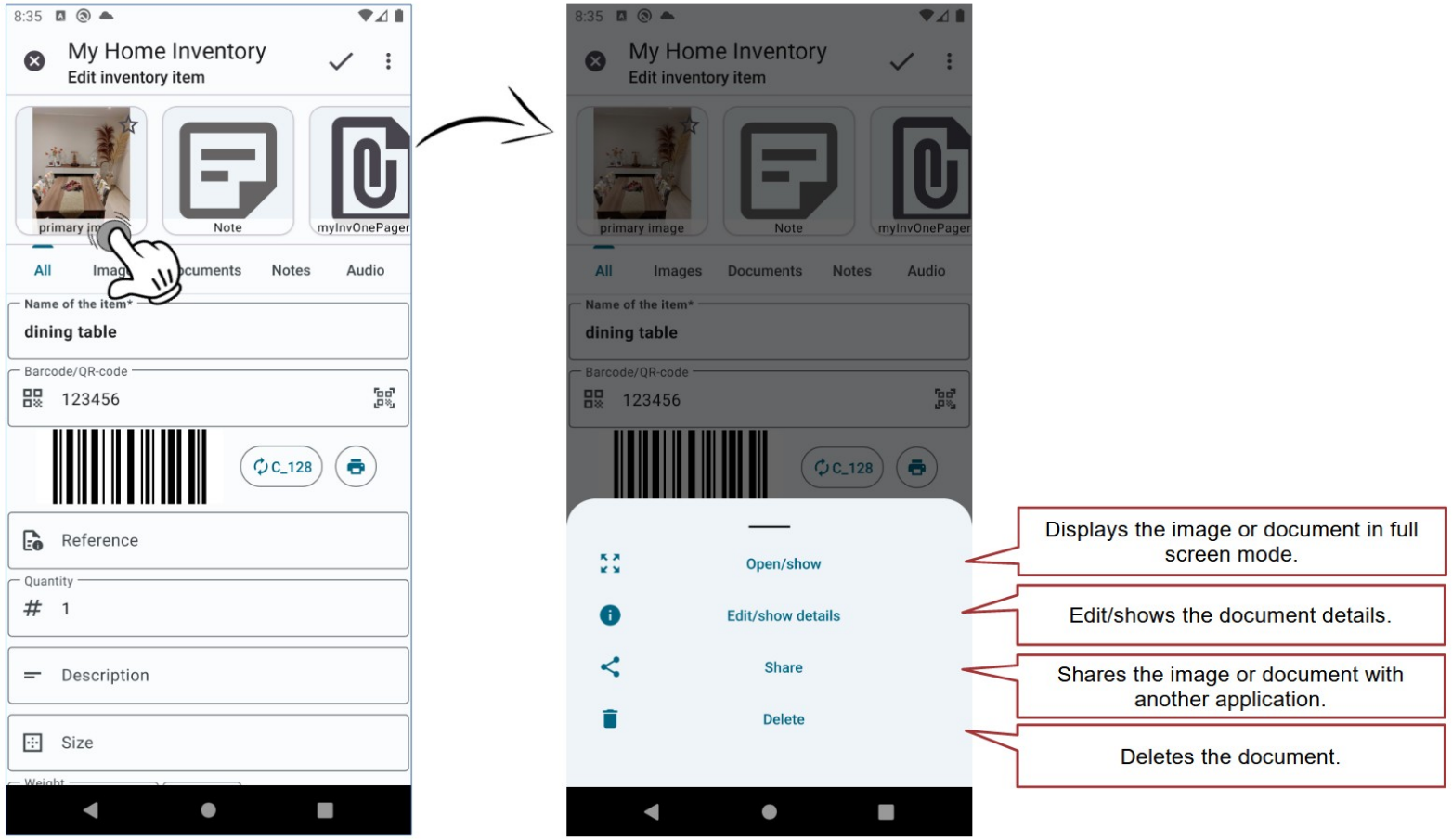
5.6.1 Adding images/documents to an article

You can add different types of documents to an Article, such as images, files, text notes, and audio notes. To do this, from the editing window of an article, click on the “+”/”Add” symbol. A menu will then open at the bottom, to choose the type of document.



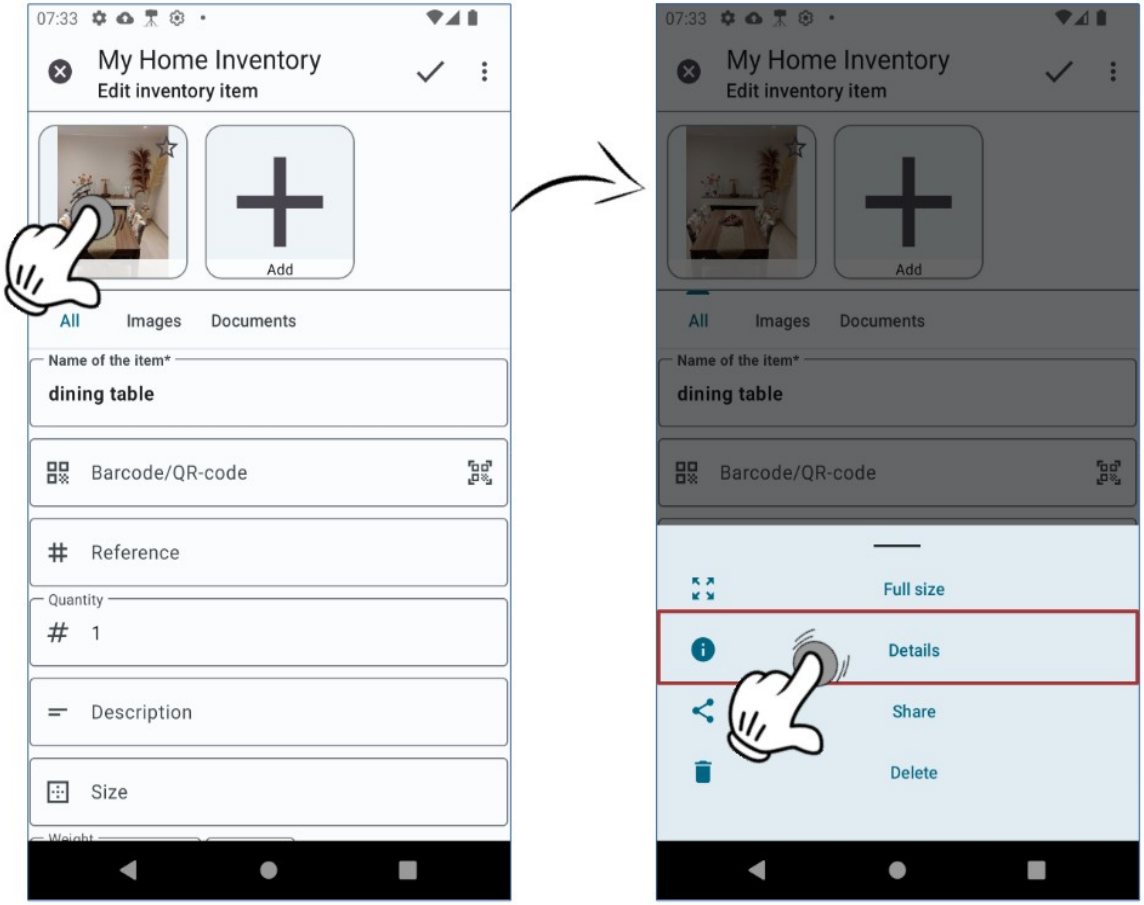
5.6.2 View/change/delete/share documents

To change/delete/share an image or document of an article, click on it. After that, a menu opens at the bottom of the screen, with various options:

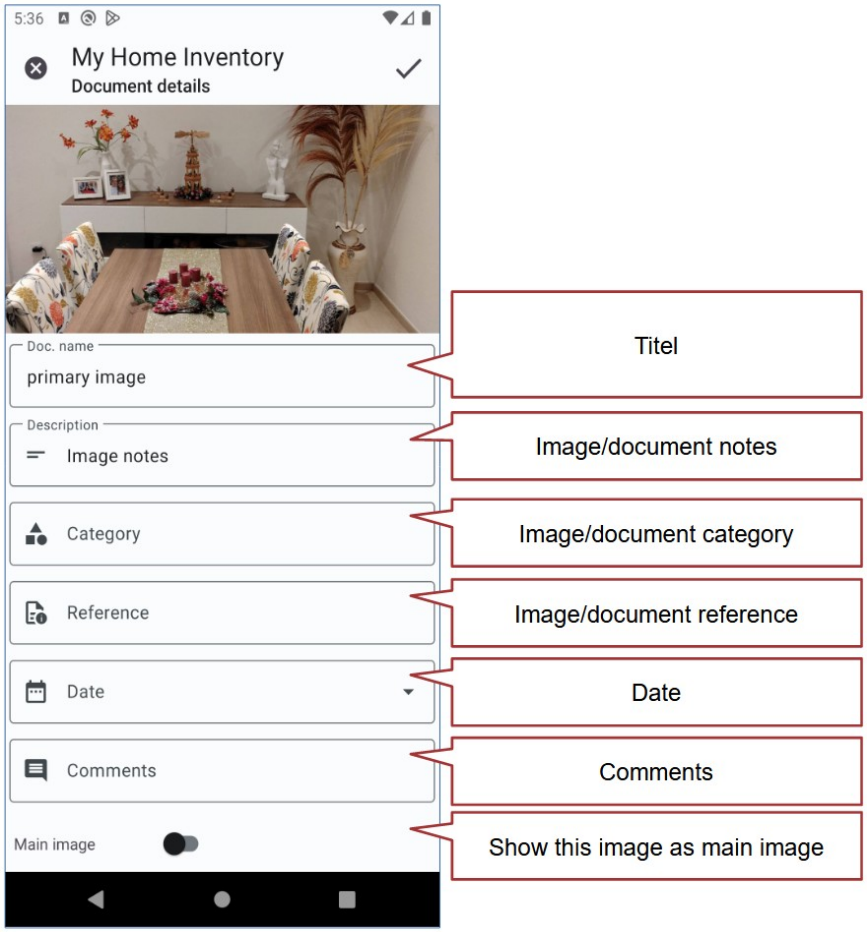


5.6.3 Documents of type "Image" or "File"

Documents of the "Image" or "File" type have attributes that can be edited. To do this, click on the corresponding document and then on "Edit details".



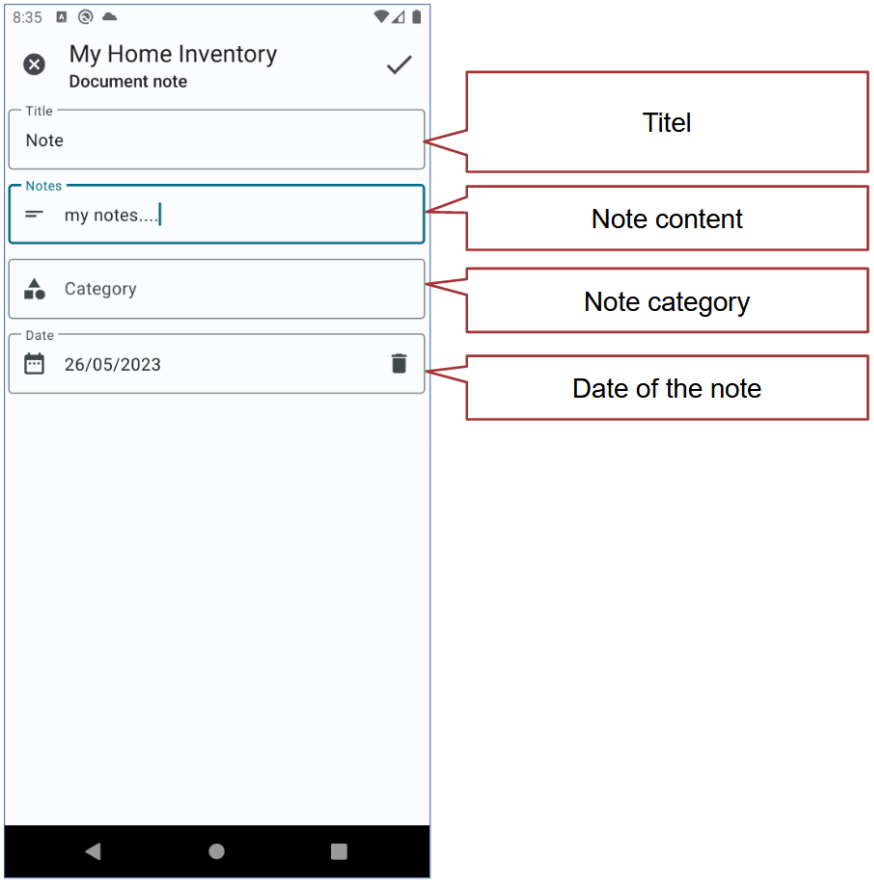
For images and files you can edit the following information:



The “Main image” option is only available for images.

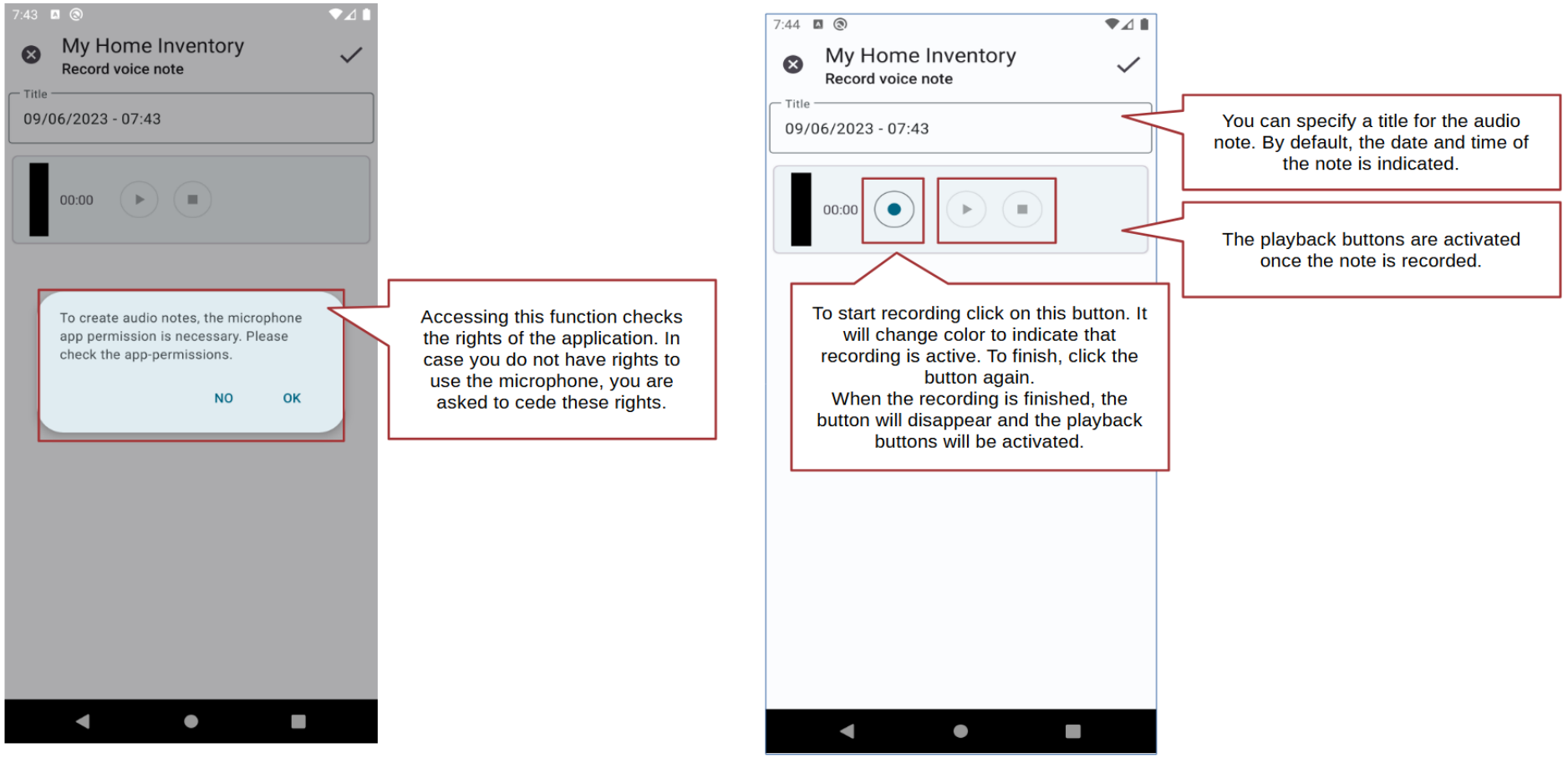
5.6.4 Documents of type "Note"

These documents allow you to add text notes to an article. The following information fields are available for notes. The title and the note itself can also be included in the global search (see page 129).

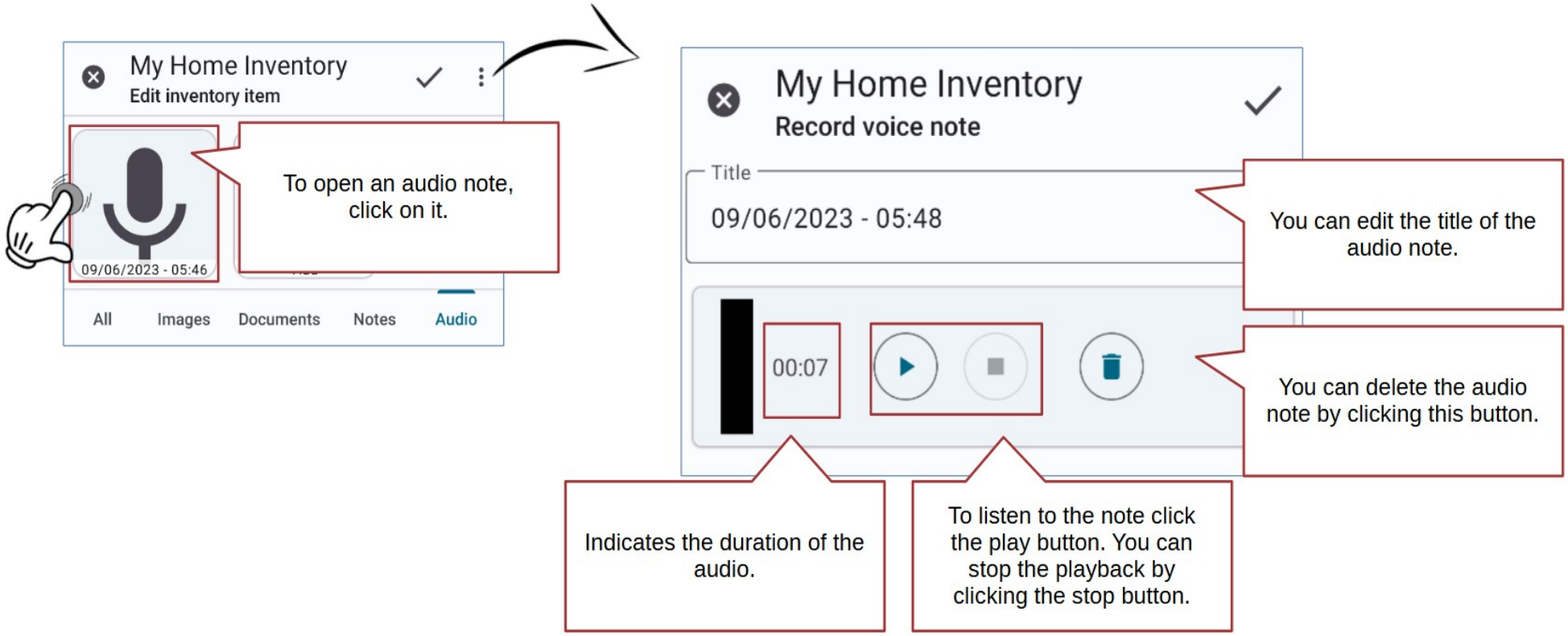


5.6.5 Documents of type "Audio note"

The following functions/information fields are available for audio notes. The title can also be included in the global search.



You can open existing audio notes from the document view in the article editing window. Of the existing audio notes only the title can be edited afterwards. The recorded audio itself cannot be edited.

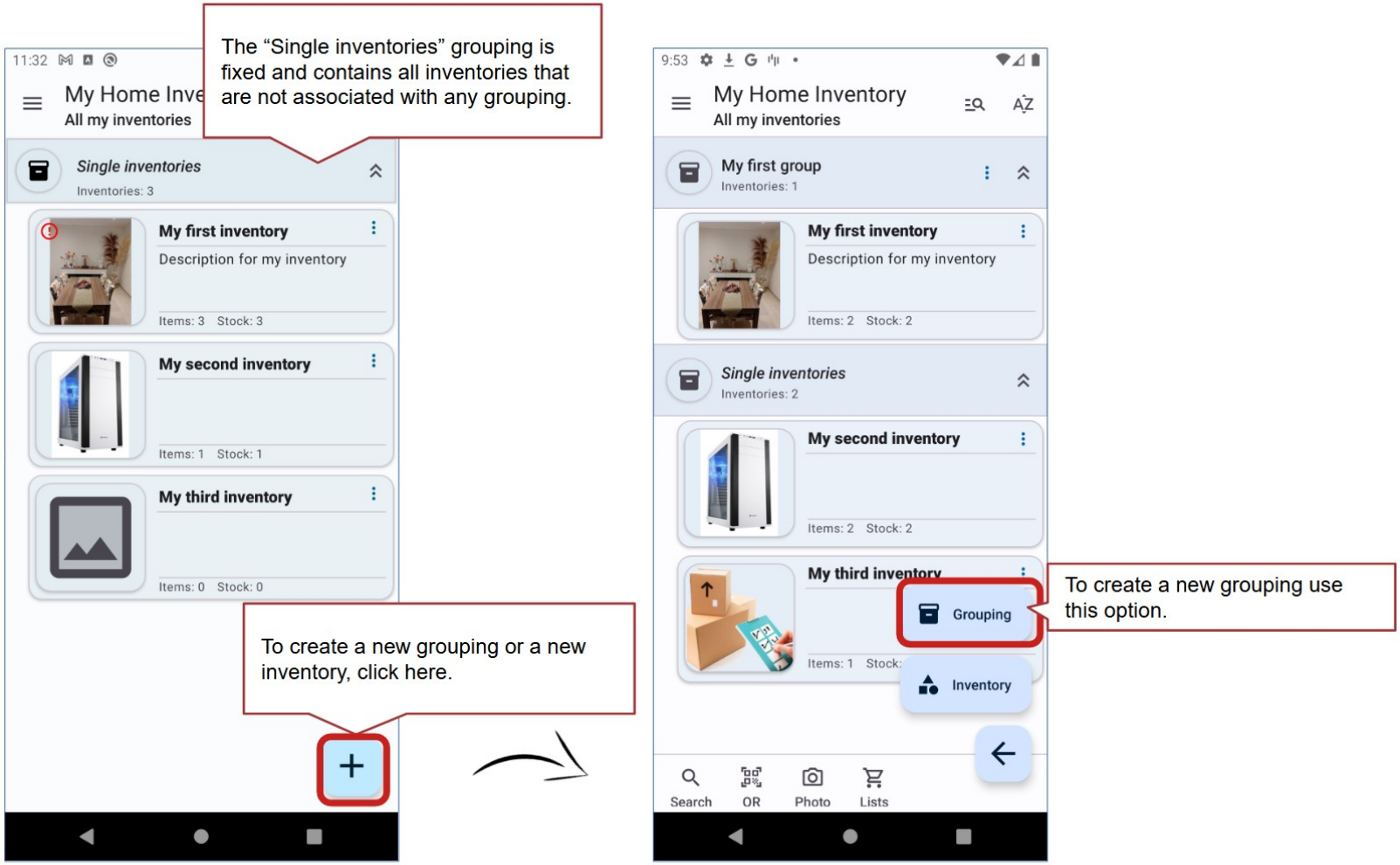


5.7 Inventory groupings

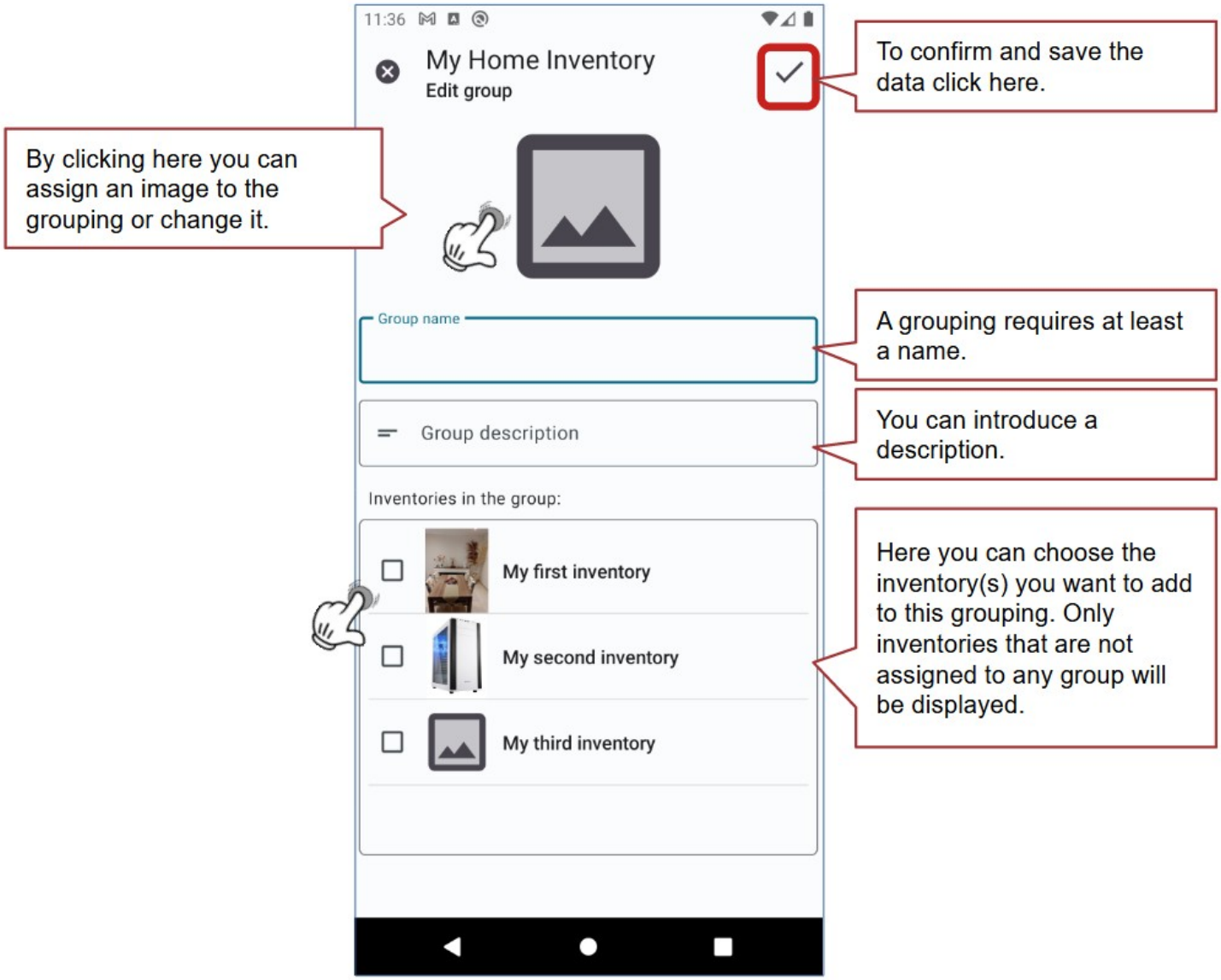
Inventories can be grouped. To do this, you can create a Grouping and then assign the inventories you want to this group.

5.7.1 Create a Grouping

To create a grouping, from the main window, click on “+” and select the “Group” option:



Then the group creation/editing window will open.
A grouping requires at least one name. You can also enter a description and assign an image. In the same window you can choose the inventories you want to add to this grouping. Only inventories that are not assigned to any pool will be displayed.



5.7.2 Add or remove an inventory from a group

To add/remove inventories to/from a pool you have 3 options:

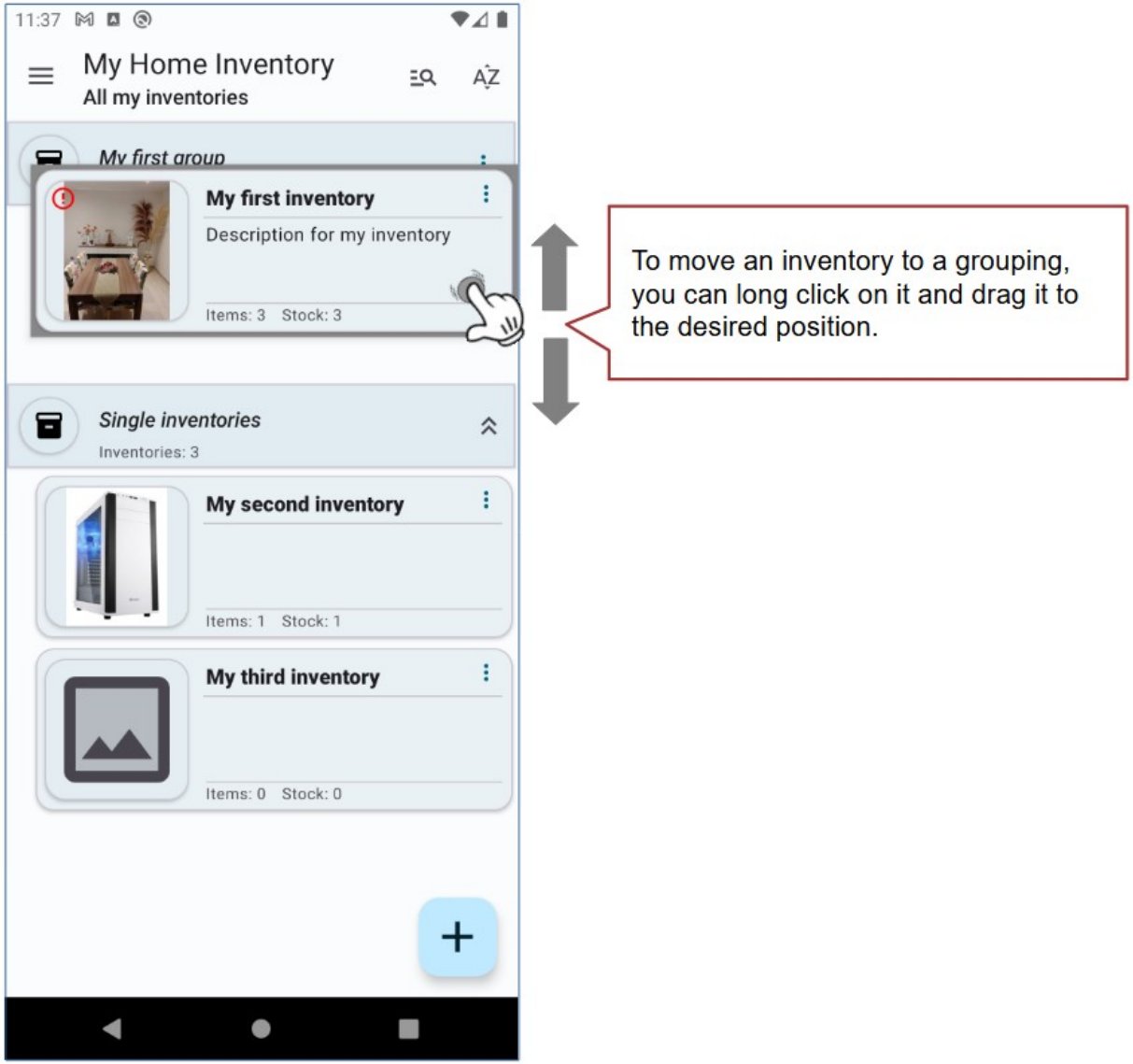
a) In the main view, you can drag the inventory into the grouping you want

b) in the Group edit view you can add or remove inventories

c) in the Inventory edit view you can assign a grouping to the inventory

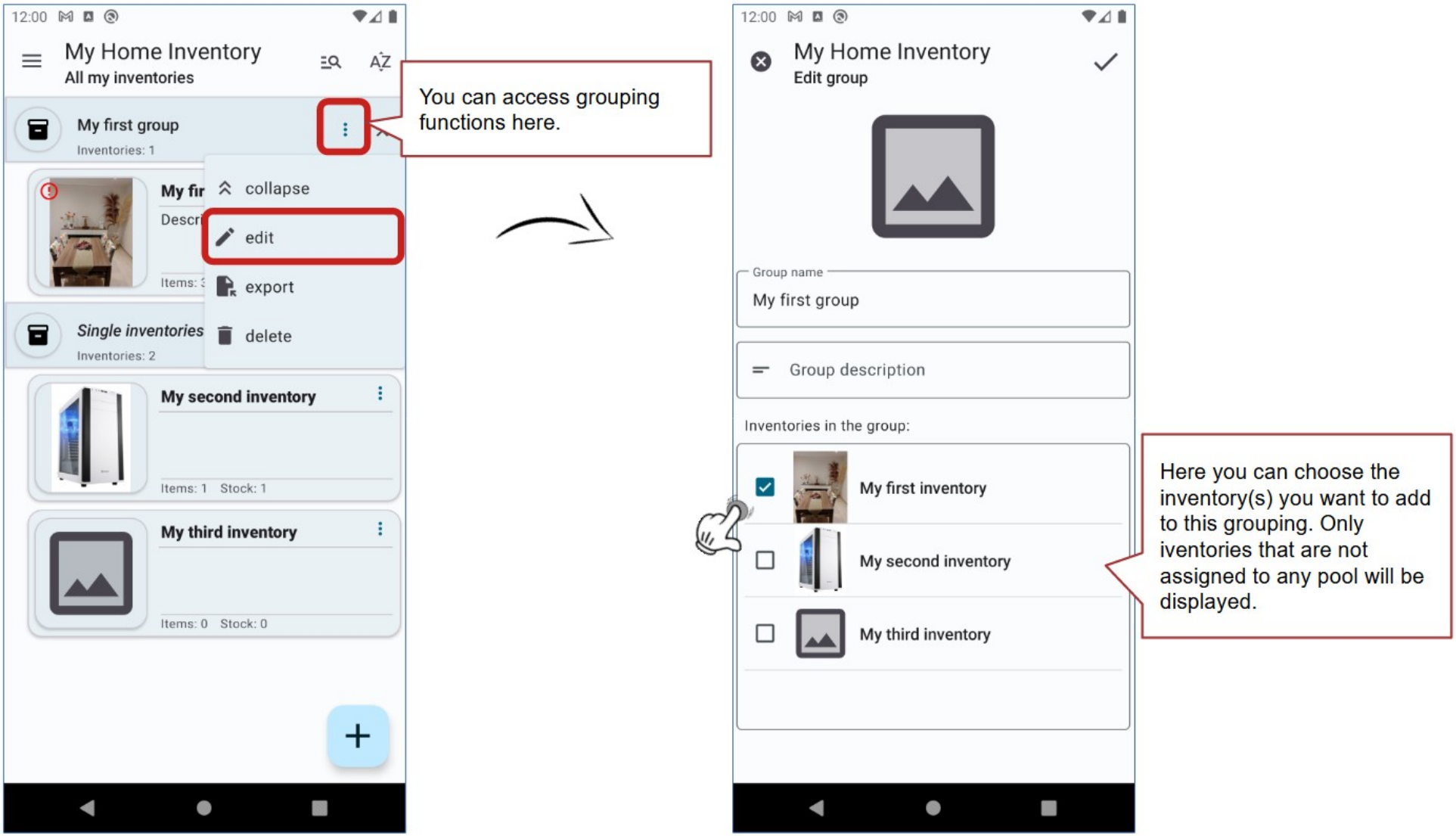
5.7.2.1 Add or remove inventories from the main list

To move an inventory from one pool to another, you can long click on it and drag it to the desired position. If you move an inventory to the “Unique Inventories” pool, this inventory will not belong to any pool.



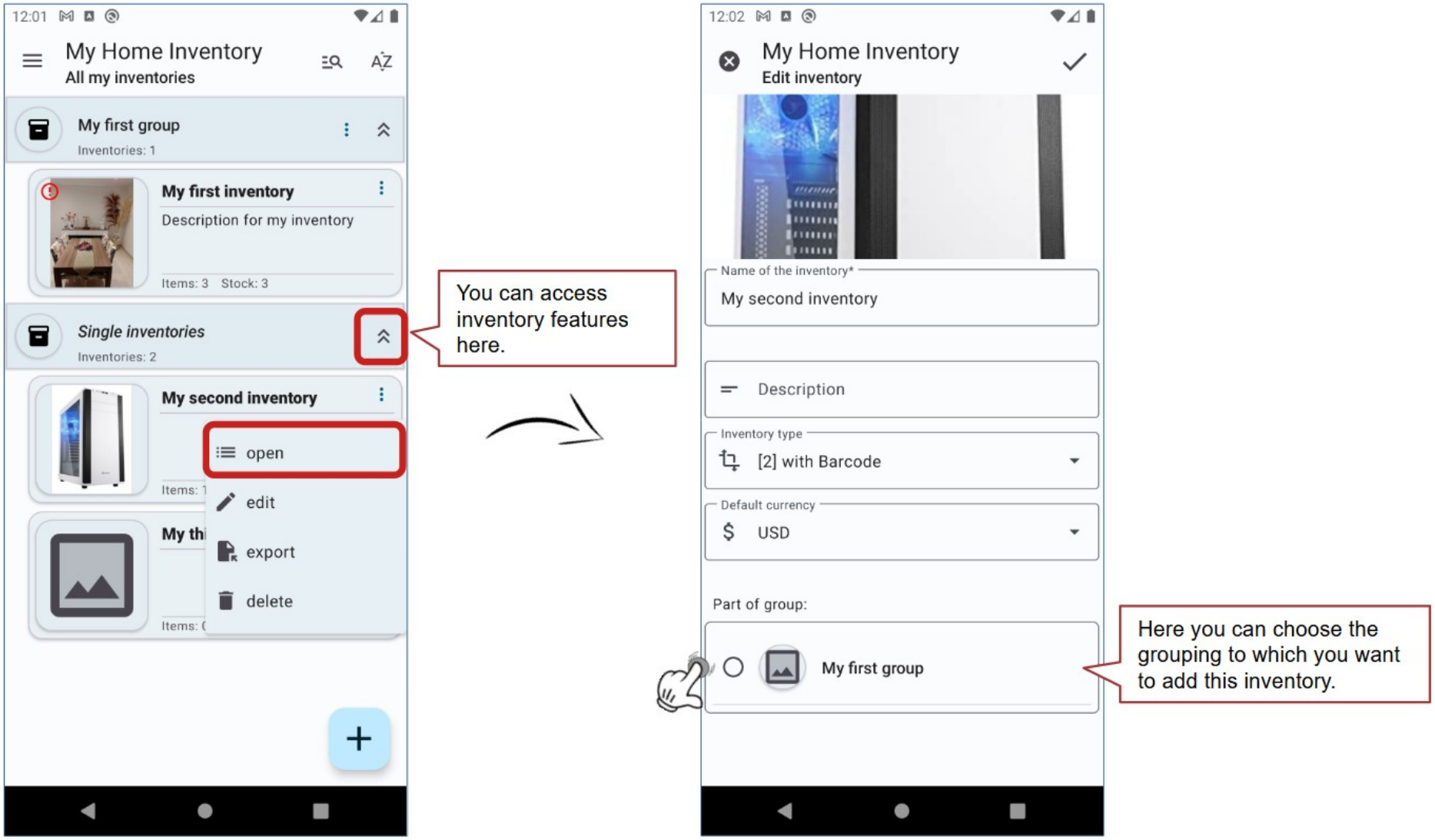
5.7.2.2 Add or remove inventories from the group edit view

You can access group editing through its function menu. The editing window is then displayed in which you can select/de-select the inventory(s) you want to add or remove from the grouping.



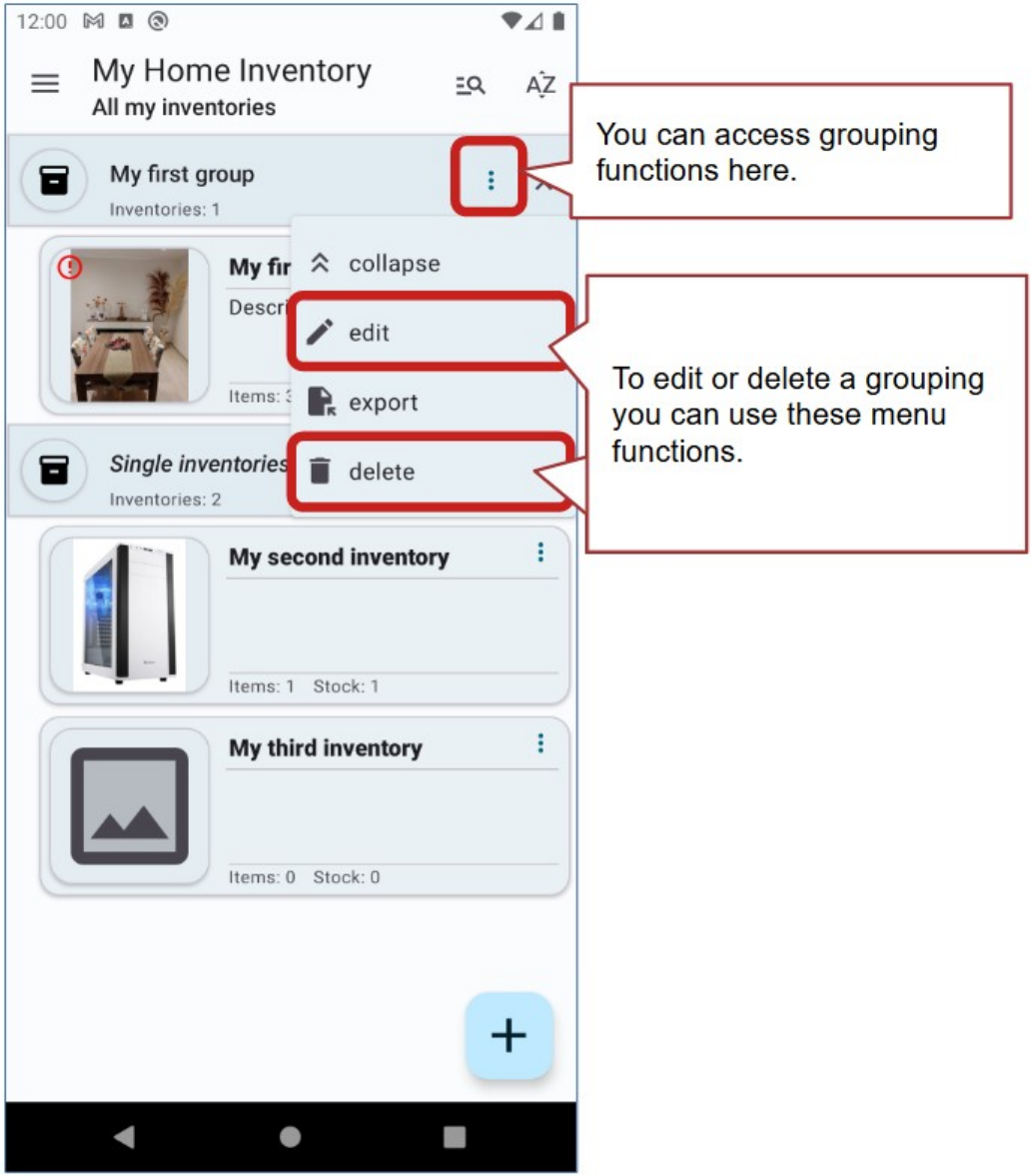
5.7.2.3 Choose a Grouping in the inventory edit view

You can access inventory editing through its functions menu. The editing window is then displayed in which you can select/de-select the grouping to which you want to add or remove the inventory.



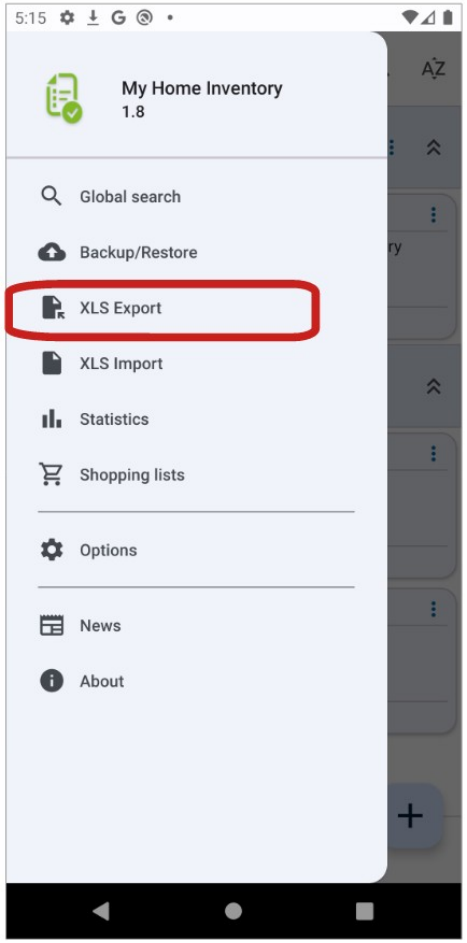
5.7.3 Modify or delete a Grouping

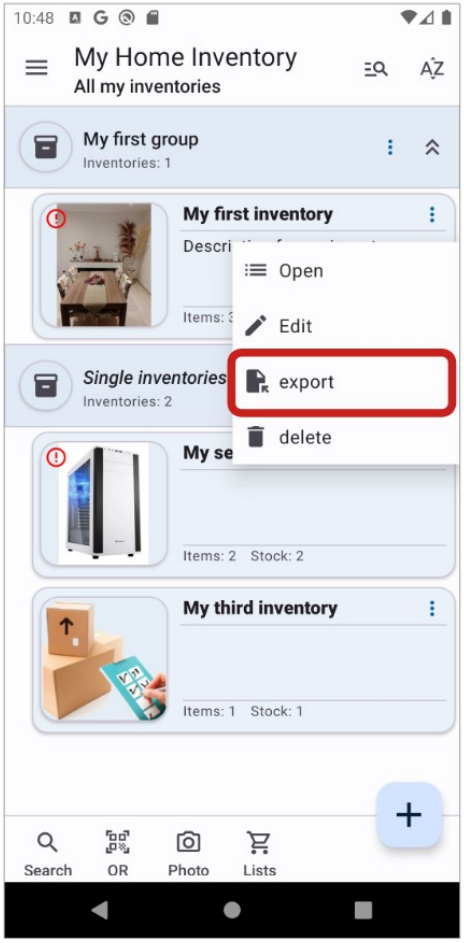
You can edit or delete a grouping using its function menu.

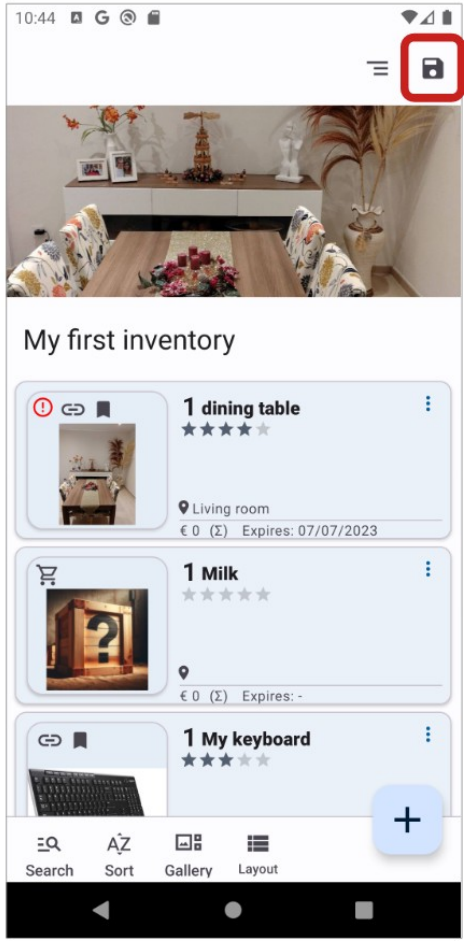


5.8 How to export application data to Excel

The Excel export allows you to export the data from one or all inventories to an Excel file. The function can be accessed via the main menu of the application, de main inventory list and via the item view of an inventory.

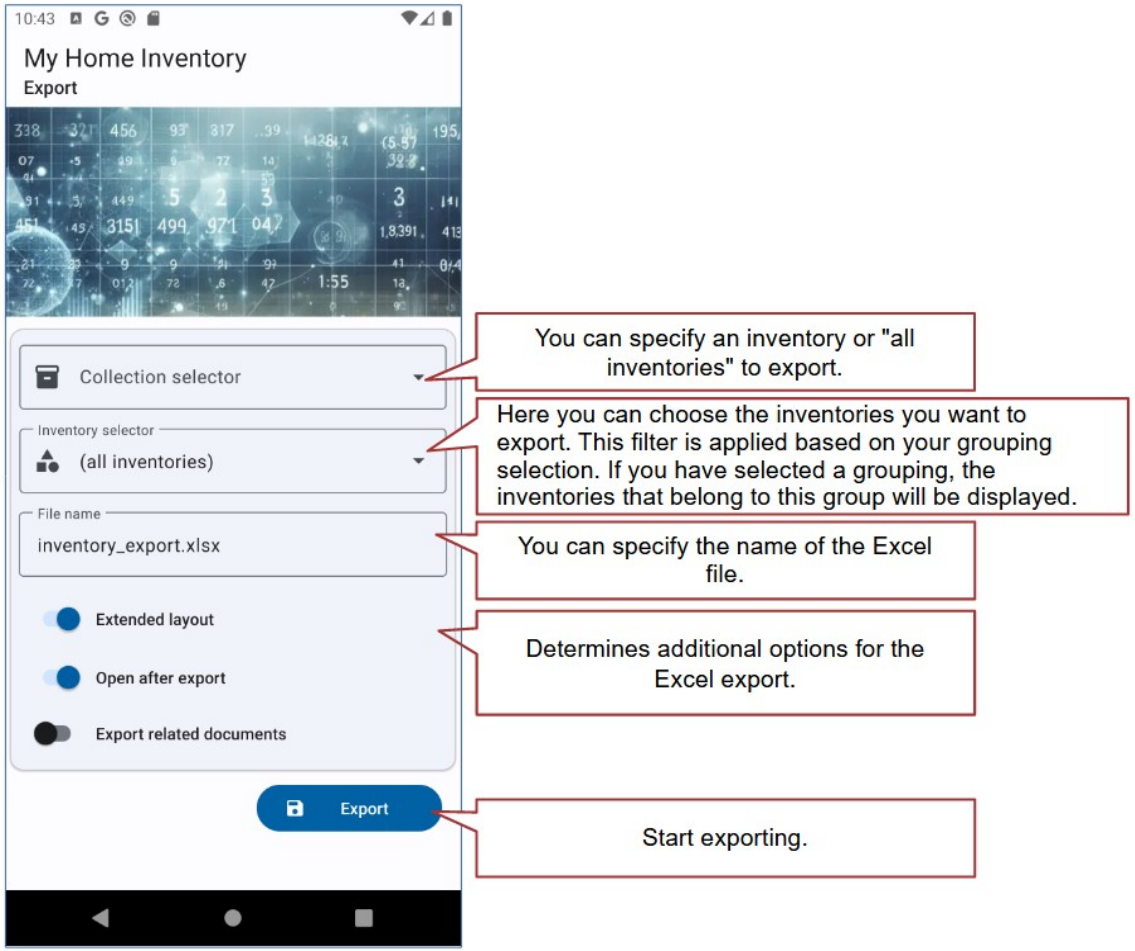




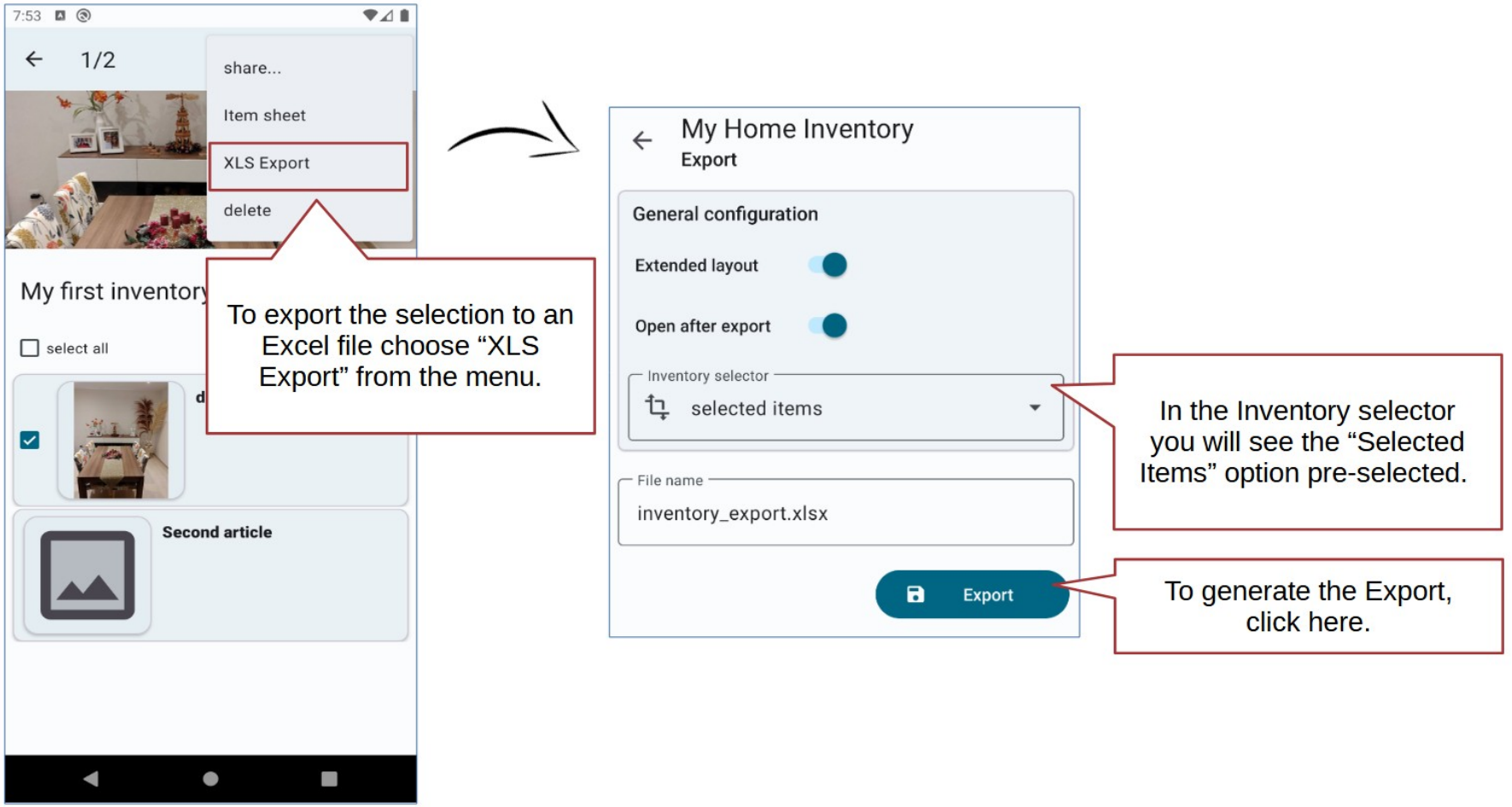


After selecting "XLS export", a window opens in which the options for Excel creation can be adjusted.

When exporting to Excel, you can now also export the documents related to the items you export. Please note that these are exported to the same directory as the Excel file. We recommend selecting or creating a special directory for this.

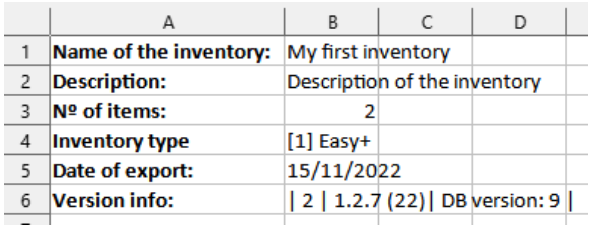


You can also start an export from a selection of articles in the article list. To do this, select the items you want to export and then select the "XLS Export" option from the menu.



5.8.1 Export format

An Excel file in ".xlsx" format is always generated for the export, regardless of the extension specified in the file name. The Excel file contains as many sheets as there are inventories to be exported. Each sheet first contains general information about the specific inventory (name, description and type), the number of items, the date of the export and information about the version of the export generator.



	A	B	C	D
1	**Name of the inventory:**	My first inventory		
2	**Description:**	Description of the inventory		
3	**Nº of items:**	2		
4	**Inventory type**	[1] Easy+		
5	**Date of export:**	15/11/2022		
6	**Version info:**	| 2 | 1.2.7 (22)| DB version: 9 |		

From line 11 onwards, the data of the inventory items are then exported (one item per line):

Column name	Comment
Quantity	
Item name	
Bar/QR code***	The code value is exported, not the image.
Description	
Location	
Purchase/Received Date	
Purchased from/source	
Expiry Date*	
Web link 1	It is exported in WEB link (URL) format.
Web link 2*	It is exported in WEB link (URL) format.
Web link 3*	It is exported in WEB link (URL) format.
Initial value	Including the currency
Total/per item	Indicates whether the "initial value" refers to the sum of all items or to a single item.
Overall value	The sum of the "Initial Value" after "Total/Per Item", considering the "Quantity".
Final value*	Including the currency
Total/per item*	Indicates whether the "final value" refers to the sum of all items or to a single item.
Total*	The sum of the "Final Value" according to "Total/Per Item", considering the "Quantity".
Pictures and documents **	Adds the file names of the documents and images in "extended format".

**Only for "[1] Simple+" type inventories **Only if "Advanced Format" is selected for export ***Only for "Barcode" type inventories.*

5.8.2 Advanced export format

The expanded format contains the names of the files of the documents and images for each item in the inventory. It is exported in WEB link (URL) format. This allows on Windows/Linux* operating systems, if the files are in the same folder as the Excel file, clicking on the document/image hyperlink will open the corresponding file.

However, the export of the documents/images is not part of the Excel export.

If you want to use the hyperlinks, you can do a "Local Backup" or a "Google Drive Backup" of the data and later copy the files to the Excel file location.

*Tested on Windows 10 and Ubuntu 22.04, with MS Excel and LibreOffice Calc. Not supported on Android.

5.9 Importing article data

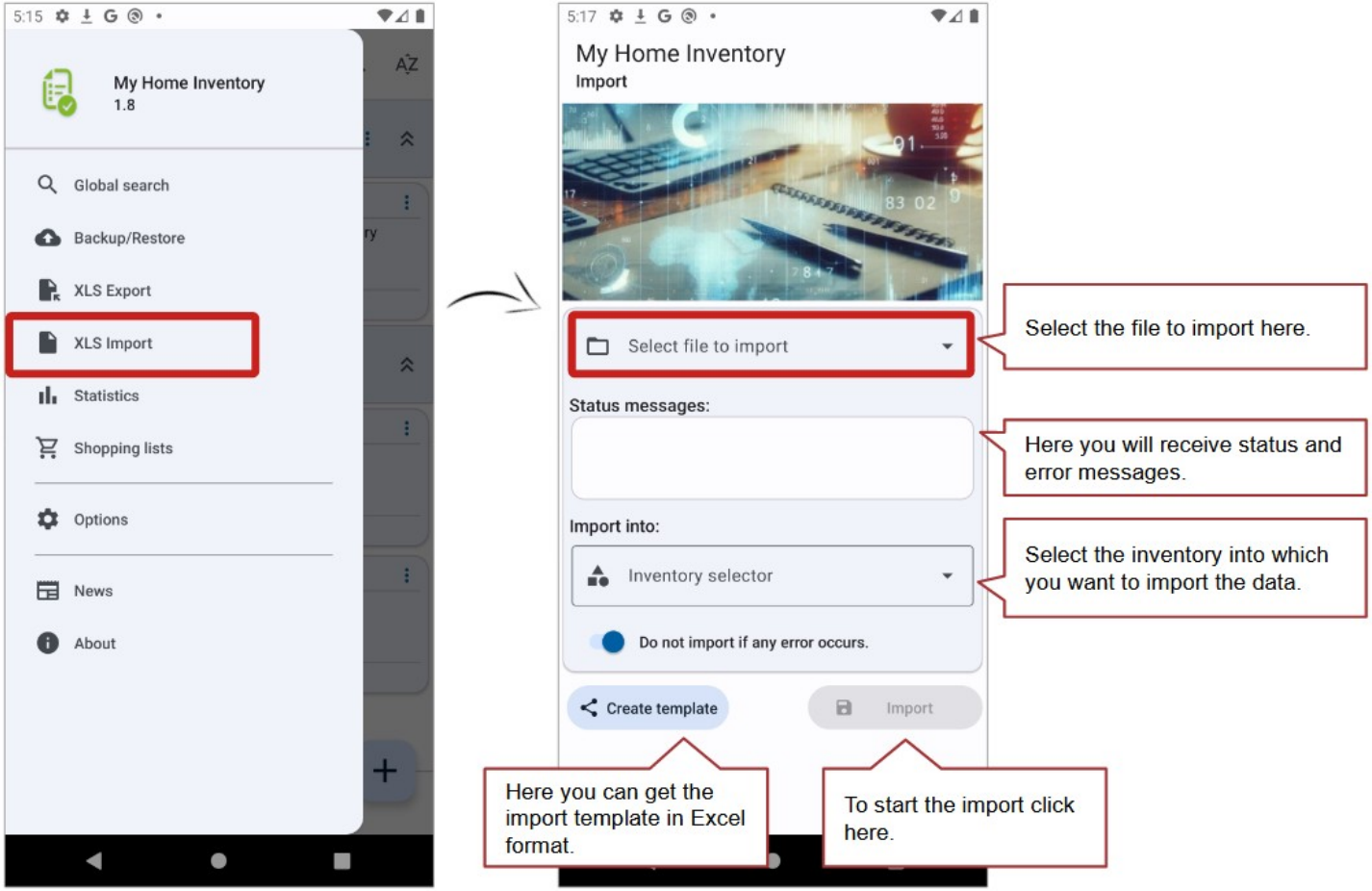
You have the option of importing external item data into an inventory. This requires a special Excel template, which you can get directly from the application. Up to 100 lines (item data) can be imported per import file.

To import data into an inventory, follow these steps:

1. Get the Excel template from the application
2. Fill the Excel template with your external data (maximum 100 data records per file)
   Note the necessary formatting of the respective columns/data fields
3. Select the filled Excel file in the application for import
   After selection, the application checks the contents for the expected format and displays any inconsistencies found.
4. Correct any format errors that may occur in the import file
   The import can only be started after all format errors have been corrected.
5. Select the inventory into which the data is to be imported
6. Start the import process
   The result and information about any errors that may occur are displayed in the information area.
   By default, if errors occur in a row, no data is imported, even from correctly read rows. You can adjust this so that all correctly read rows are imported and incorrect rows are ignored.
   Please note that if you import the same file repeatedly, new articles will be created each time.

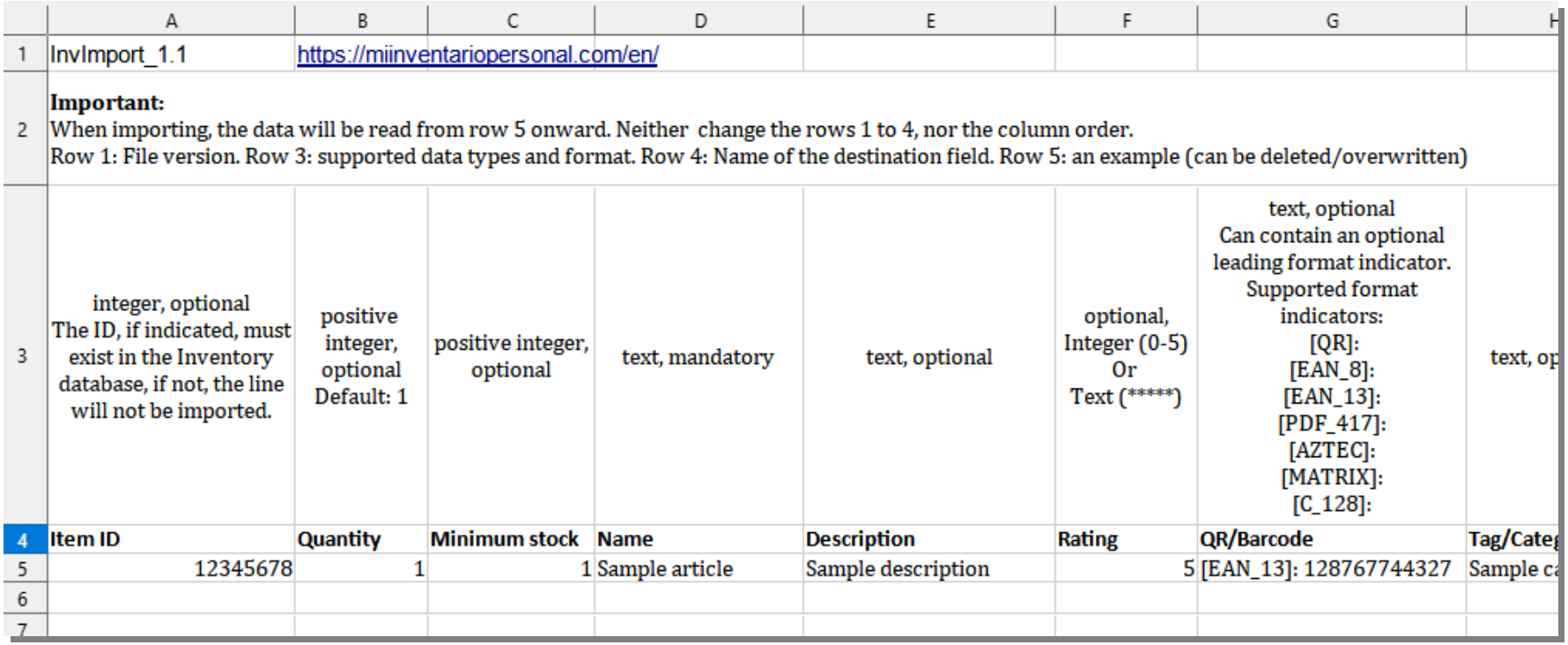
5.9.1 The import function

The import function is based on an Excel file with a predefined format. You get the Excel template directly from the application. You can then fill it with your data and import it into an inventory.



5.9.2 The import file

You get the Excel template directly from the application.



	A	B	C	D	E	F	G	H
1	InvImport_1.1	https://miinventariopersonal.com/en/						
2	**Important:** When importing, the data will be read from row 5 onward. Neither change the rows 1 to 4, nor the column order. Row 1: File version. Row 3: supported data types and format. Row 4: Name of the destination field. Row 5: an example (can be deleted/overwritten)							
3	integer, optional The ID, if indicated, must exist in the Inventory database, if not, the line will not be imported.	positive integer, optional Default: 1	positive integer, optional	text, mandatory	text, optional	optional, Integer (0-5) Or Text (*****)	text, optional Can contain an optional leading format indicator. Supported format indicators: [QR]: [EAN_8]: [EAN_13]: [PDF_417]: [AZTEC]: [MATRIX]: [C_128]:	text, op
4	**Item ID**	**Quantity**	**Minimum stock**	**Name**	**Description**	**Rating**	**QR/Barcode**	**Tag/Categ**
5	12345678	1	1	Sample article	Sample description	5	[EAN_13]: 128767744327	Sample ca
6								
7								

Lines 1 to 4 contain important information about the content and format. From line 5 onwards, the data to be imported is expected. Each column represents a data field, the title of which is given in line 4. Line 3 contains further information about each data field, including the supported format.

In the template generated by the application, there is a sample data record in line 5. Please replace this with your data.

You can currently import up to 100 lines per import file. An empty line is interpreted as the end of the data to be imported.

5.9.3 Important information

Please note:

- A maximum of 100 lines can currently be imported per import file.
- Each item to be imported must contain at least one name.
- When importing, a new item is created in the inventory for each line.
- If the same file is imported repeatedly, new items are also created. There is no check for existence unless you specify an existing item ID in the import file.
- If an item ID is specified, it must belong to an existing item. If this is not the case, the line will not be imported and an error will be generated. If an item with the same ID is found, it will be updated with the new data. The item does not have to be in the selected target inventory. If the item is part of another inventory, a link to this item will be created in the target inventory.

5.9.4 Import – error messages

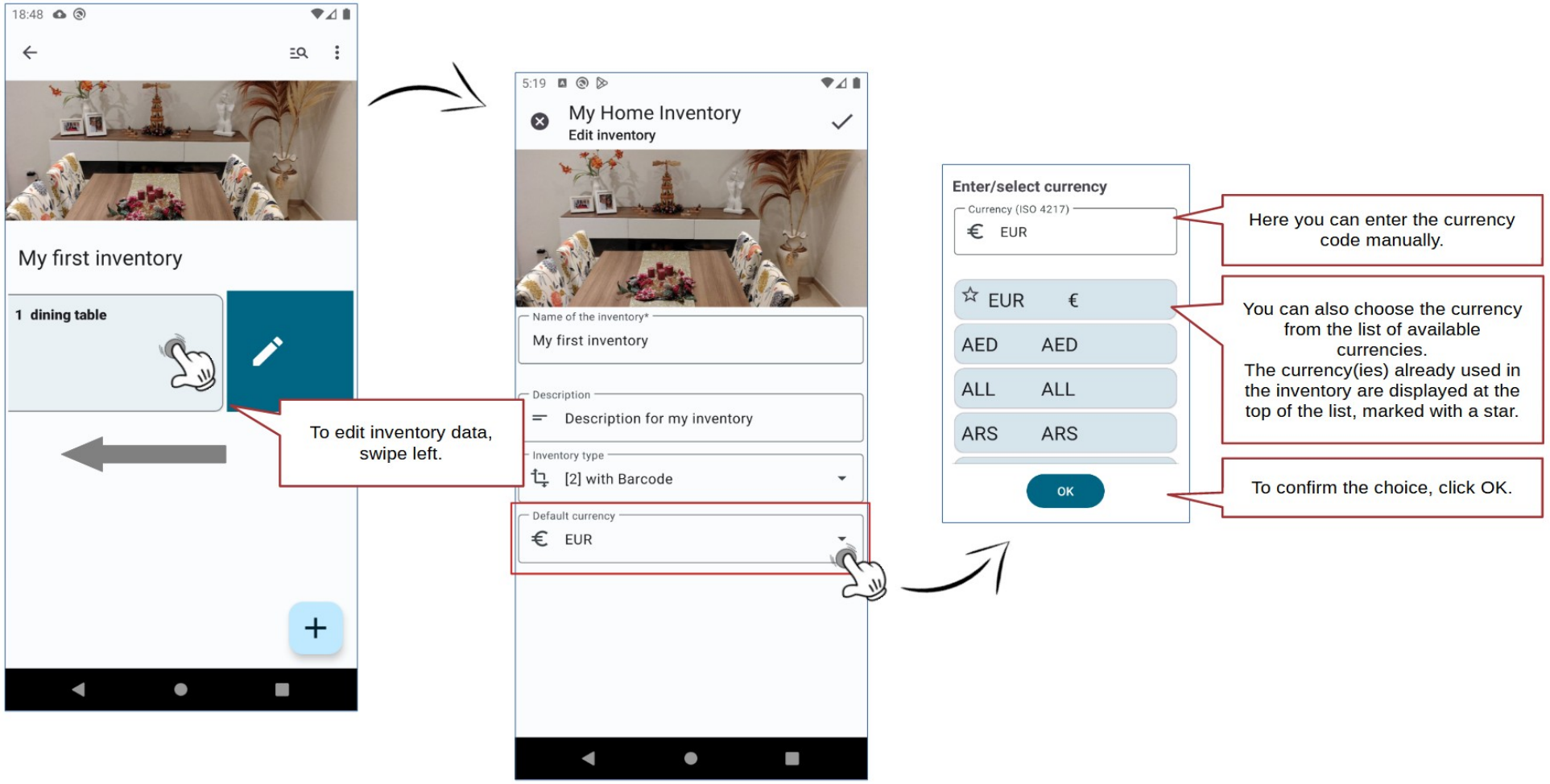
Immediately after selecting an import file, the application checks the contents for the expected format and displays any discrepancies found. All rows and columns with errors are listed.

If errors occur during the import process, these are also listed. The row that led to an error and one of the following error codes are listed here:

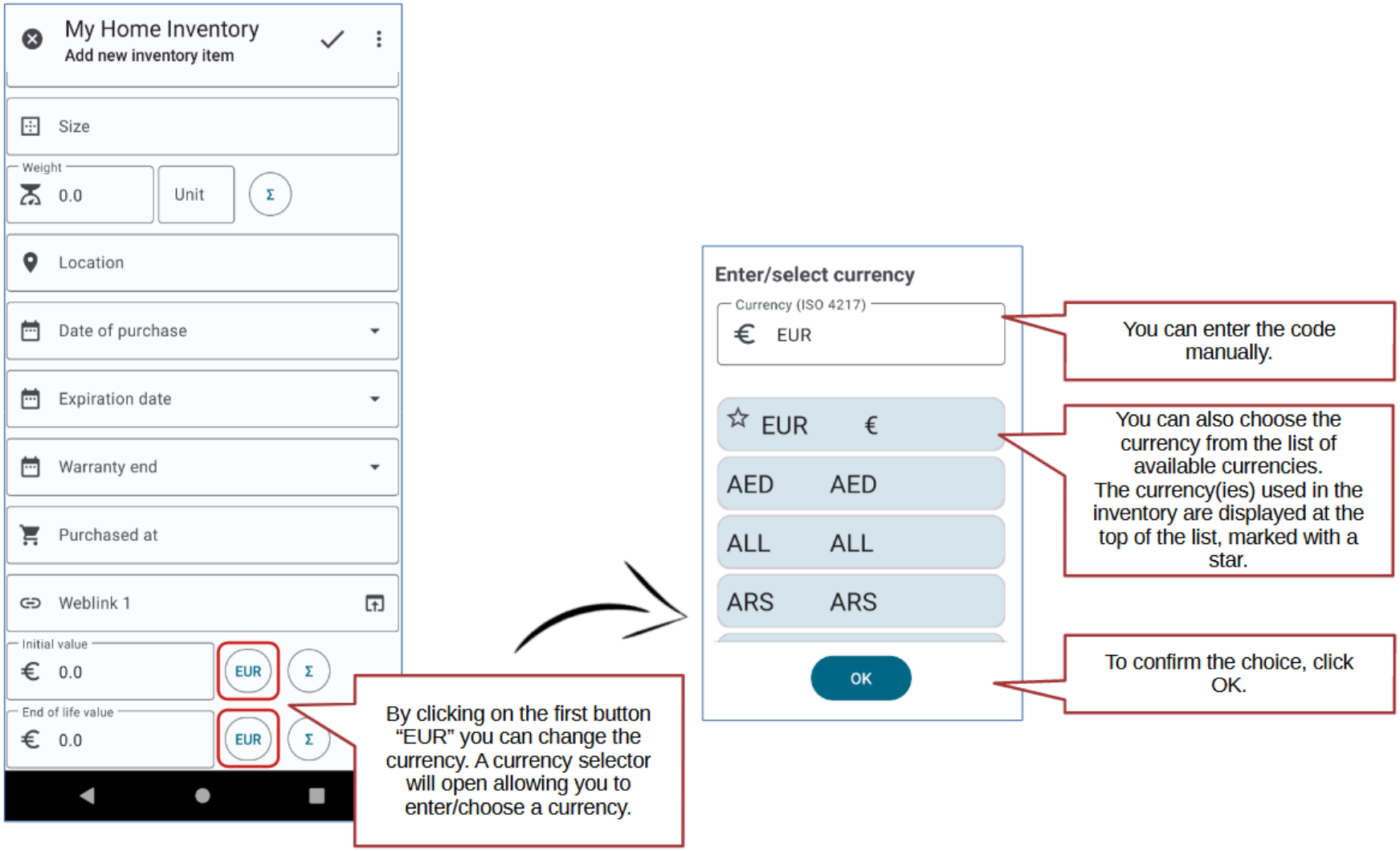
- “U1”
  Error when attempting to update an existing item. This can be the case, for example, if you have specified a non-existent item ID in the import file.
- "U2"
  The existing item could be updated, but then could not be assigned to the inventory.
- “I1”
  The item could not be inserted in the inventory.

5.10 Currency support

The specification of currencies in the articles is also supported. The currency can be specified or changed directly in the article editing mode. You can set the default currency for adding items to inventory. The currency codes are based on the 3-digit ISO-4217 code., in general “EUR” for the Euro, “USD” for the US dollar, etc. You can find further information on the ISO codes under the following link. The currency is taken into account in the article sheet, in the statistics and also in the Excel export.

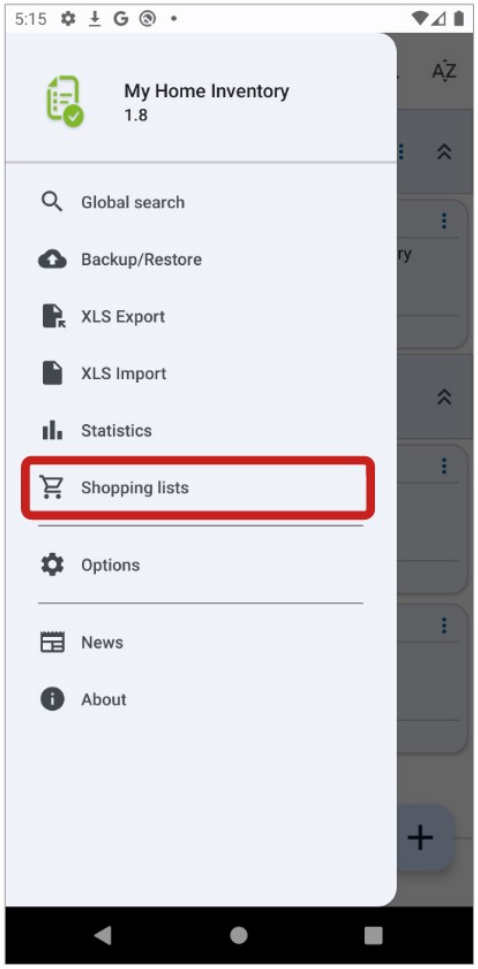


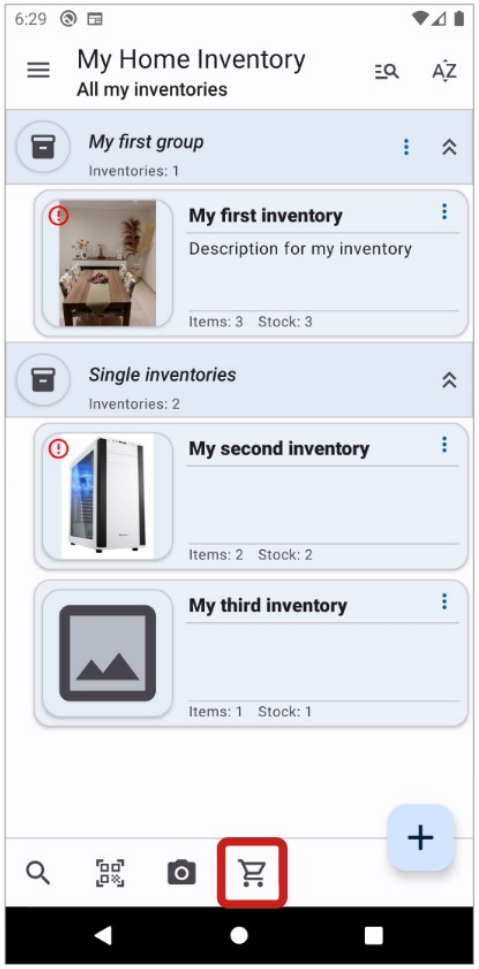
You can specify the currency of the article directly in the article:



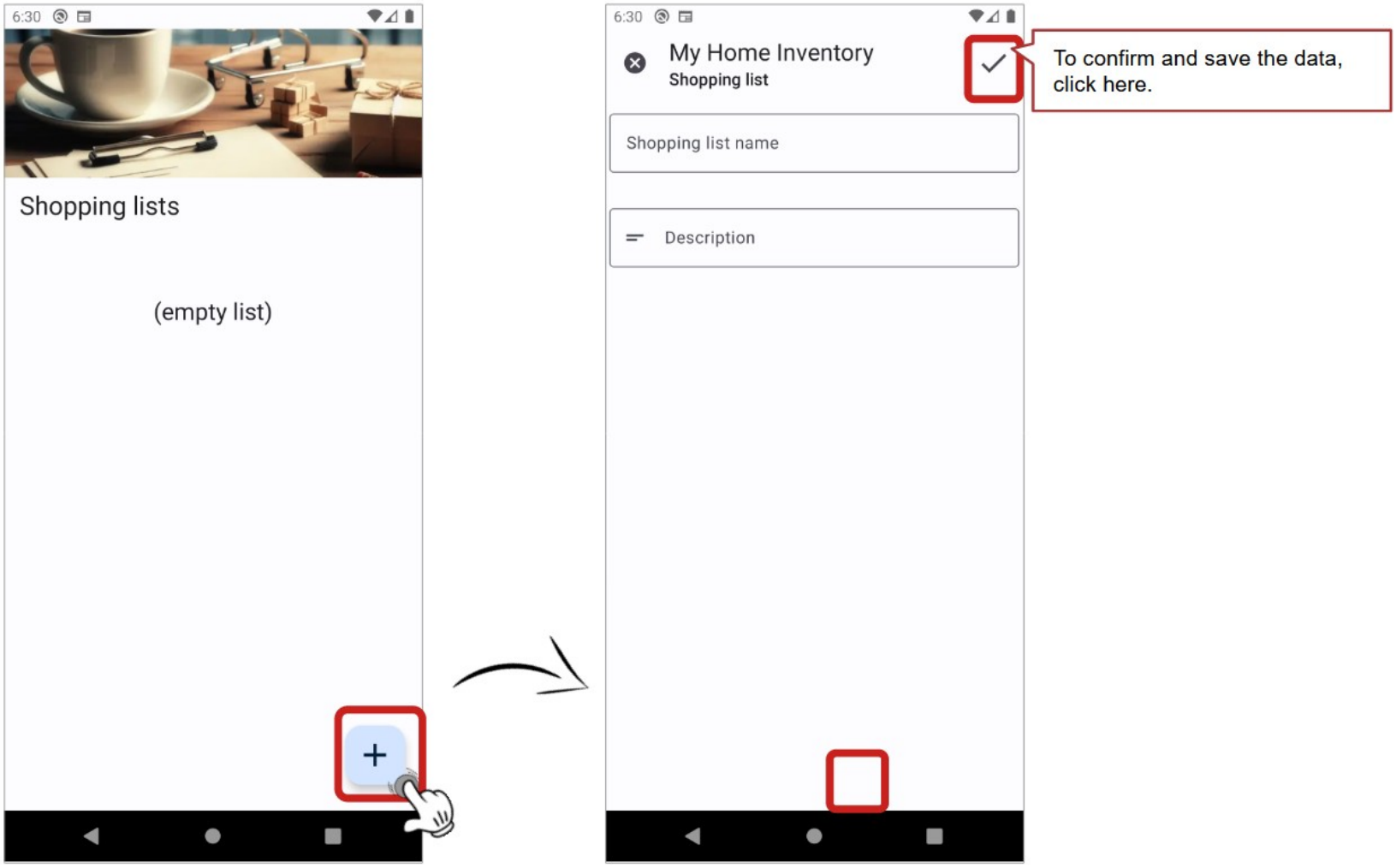
5.11 Shopping lists

The shopping lists can be accessed from the main menu and the action bar in the main view.

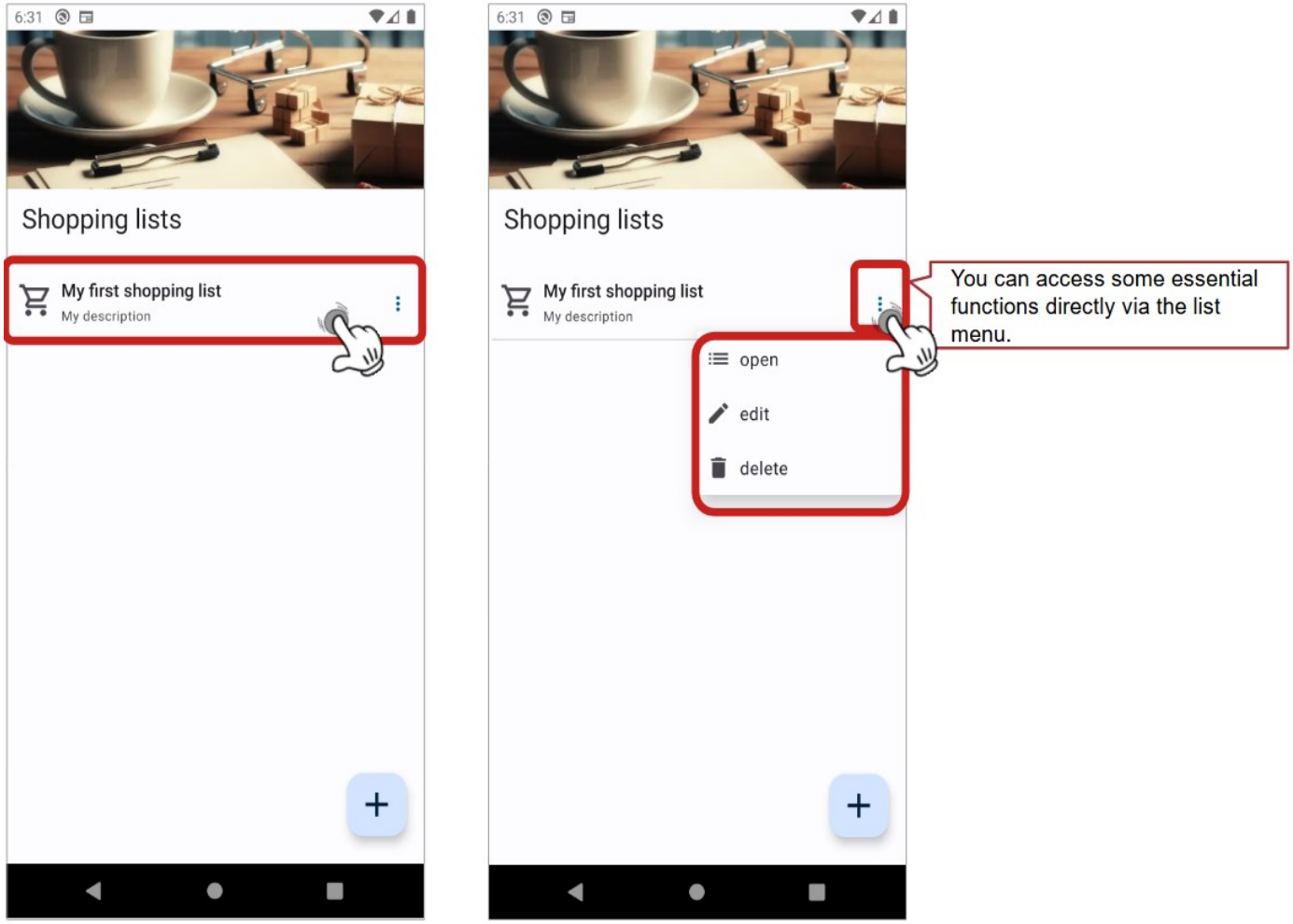




Multiple shopping lists can be created. A name and a description can be specified for each shopping list.

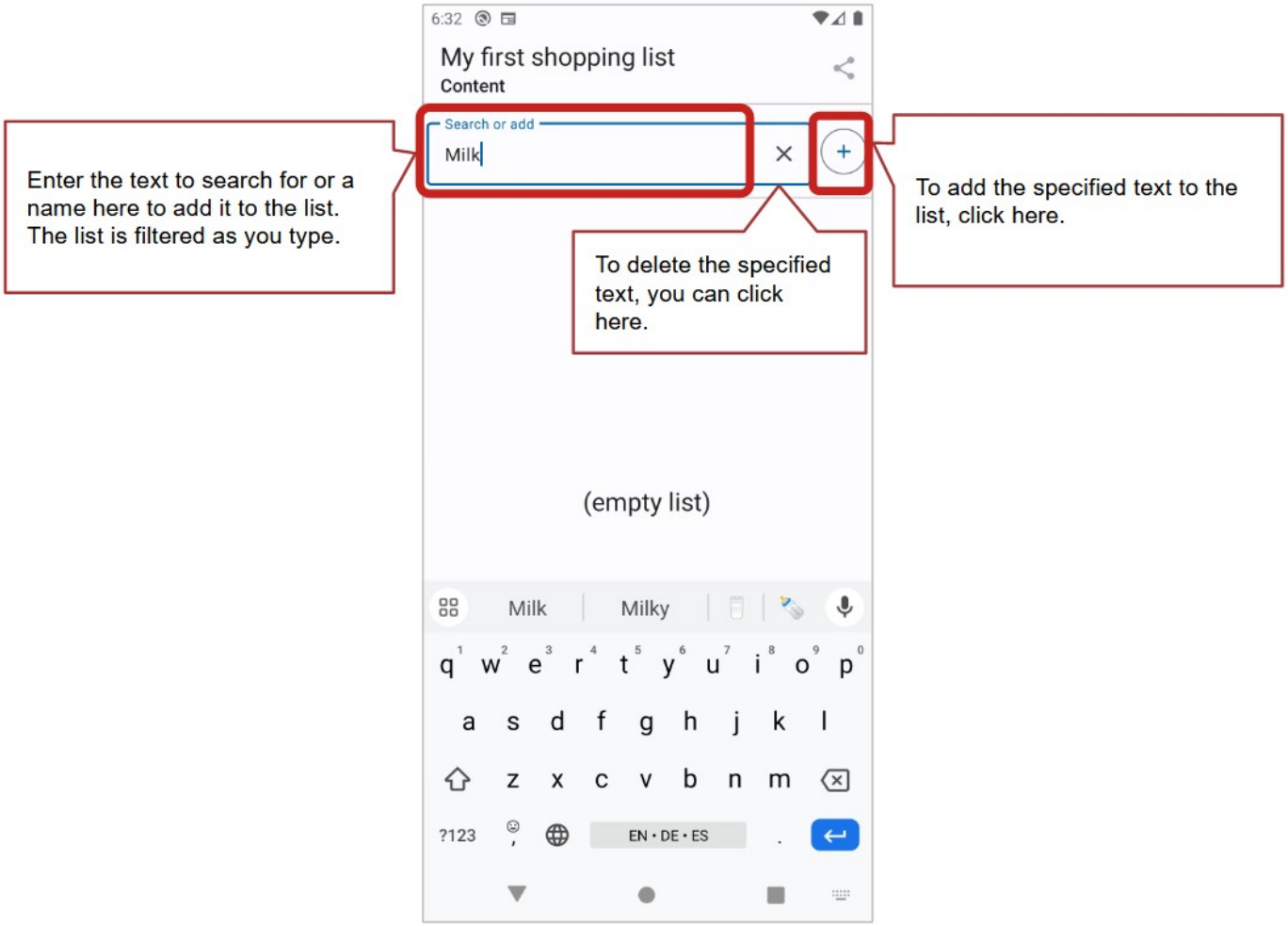


To open a shopping list, click on it or use the list menu. You can also change the name and description of an existing list or delete the entire list. To do this, use the list menu or swipe the shopping list to the right (delete) or left (change).

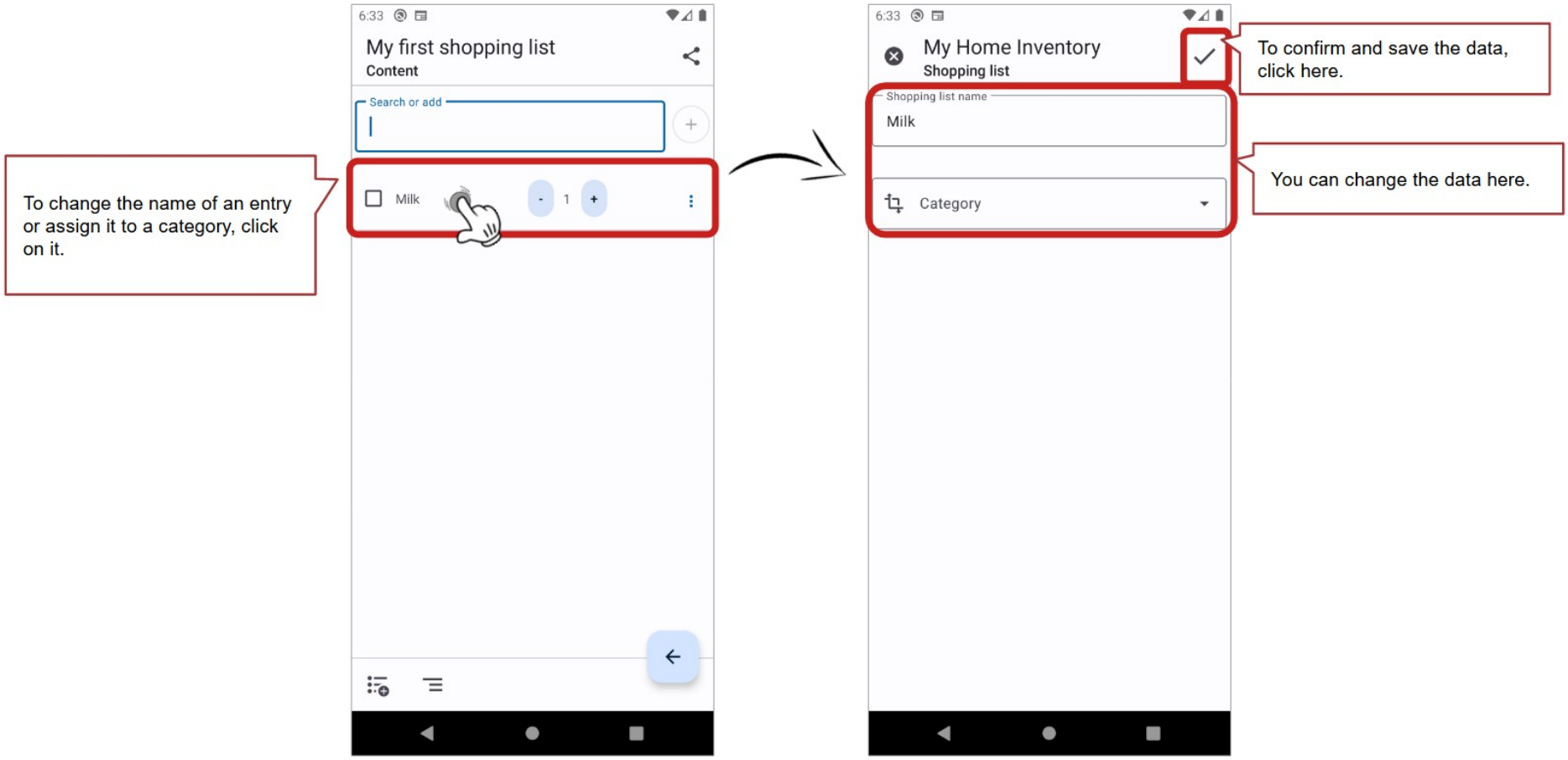


In the main view of the shopping list you can access various functions. You can share the list with other applications, add an existing inventory item to the list, switch the list view between a simple view and grouping by category, and switch between editing/viewing modes.

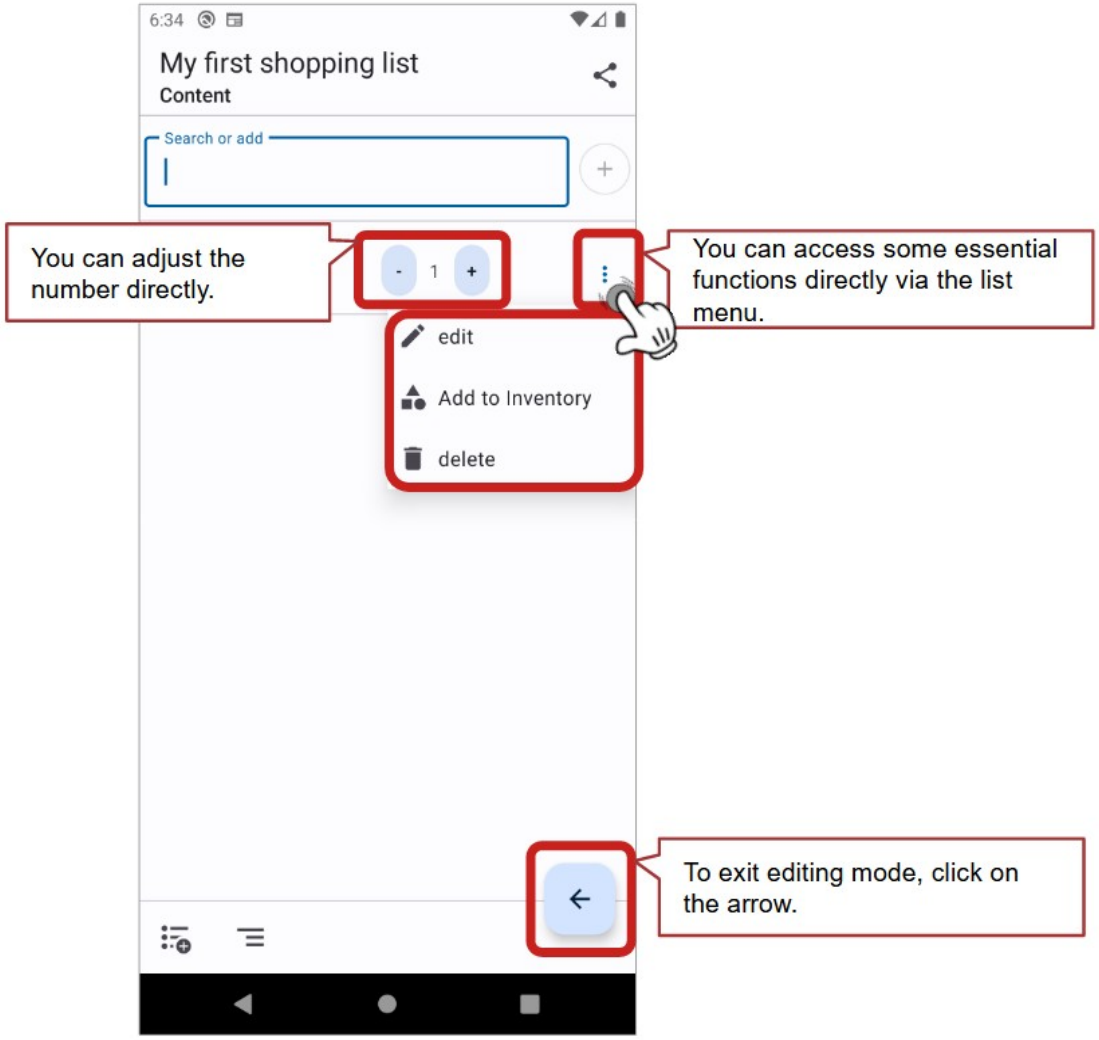
To add an entry, first activate the editing mode. An input field will then be displayed in which you can enter the title of the entry to be searched for or added. As you type, the list is filtered accordingly. To add, click the plus symbol next to the text field. To delete the filter, click on the cross symbol in the text field.



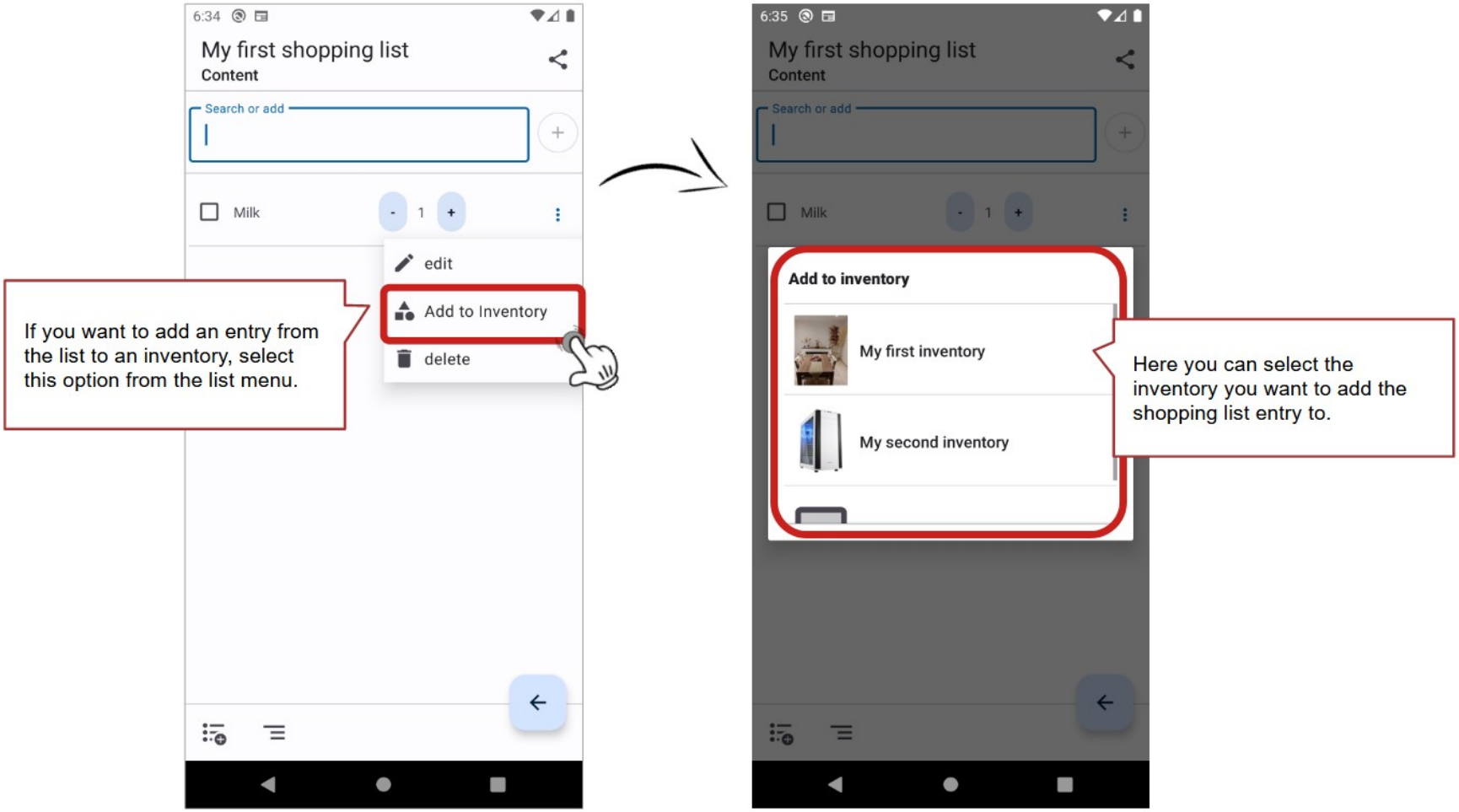
To subsequently change the data of an entry, click on the relevant element.



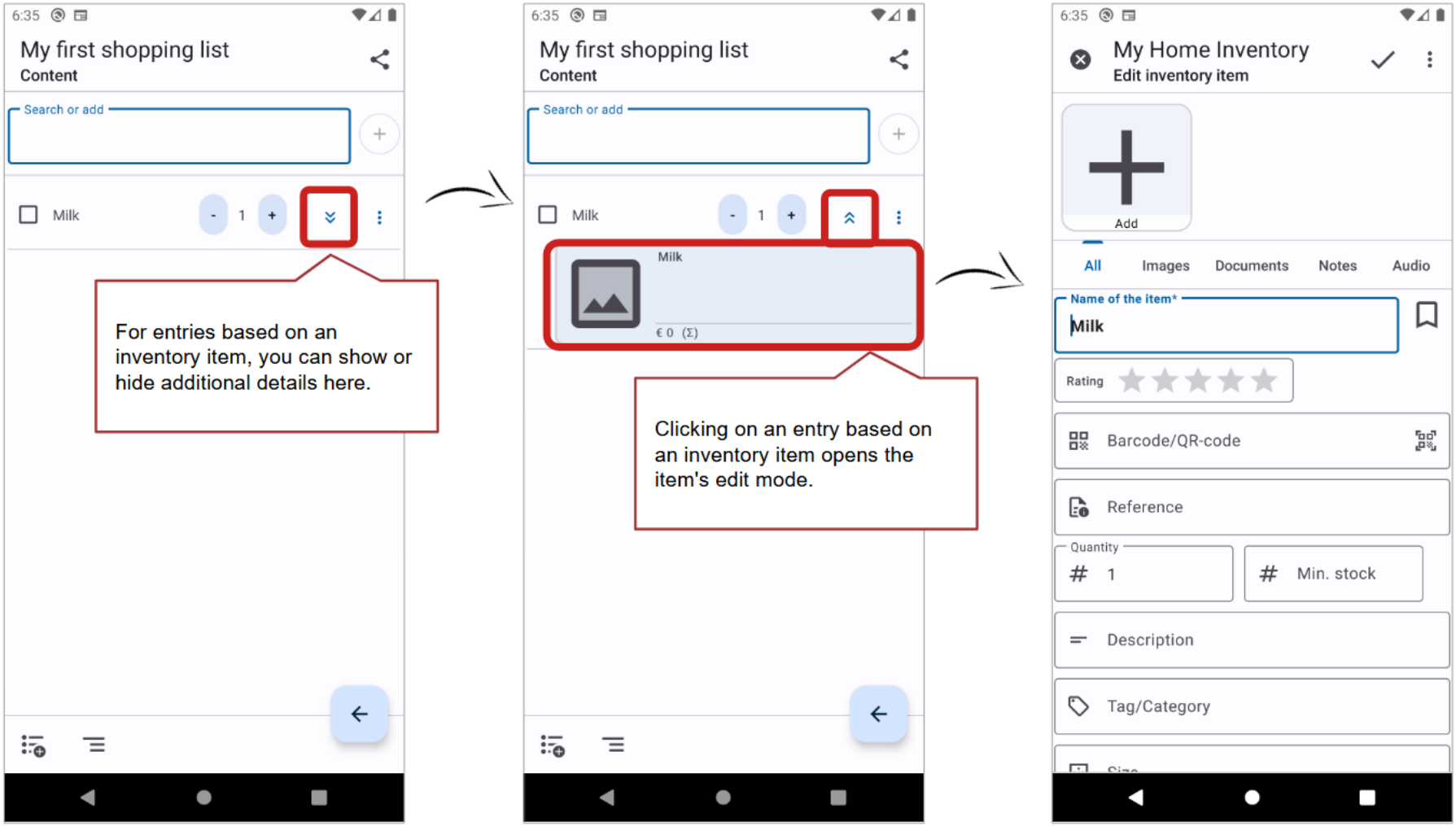
In editing mode you can also change the count directly. You can also change or delete the data of an existing item. To do this, use the list menu or swipe the element to the right (delete) or left (modify).



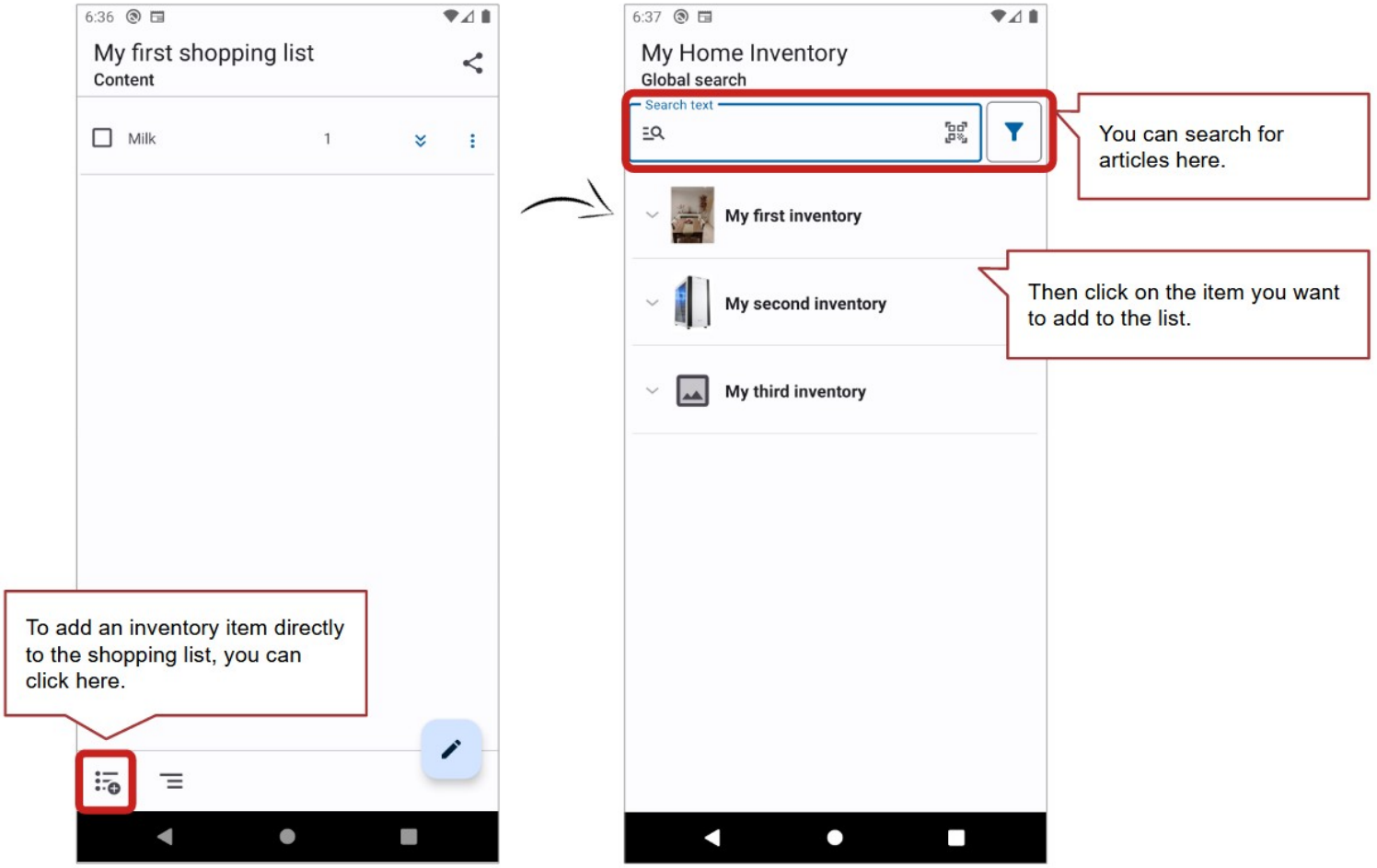
If you want to add a shopping list item to an existing inventory, use the list menu of the shopping list entry.



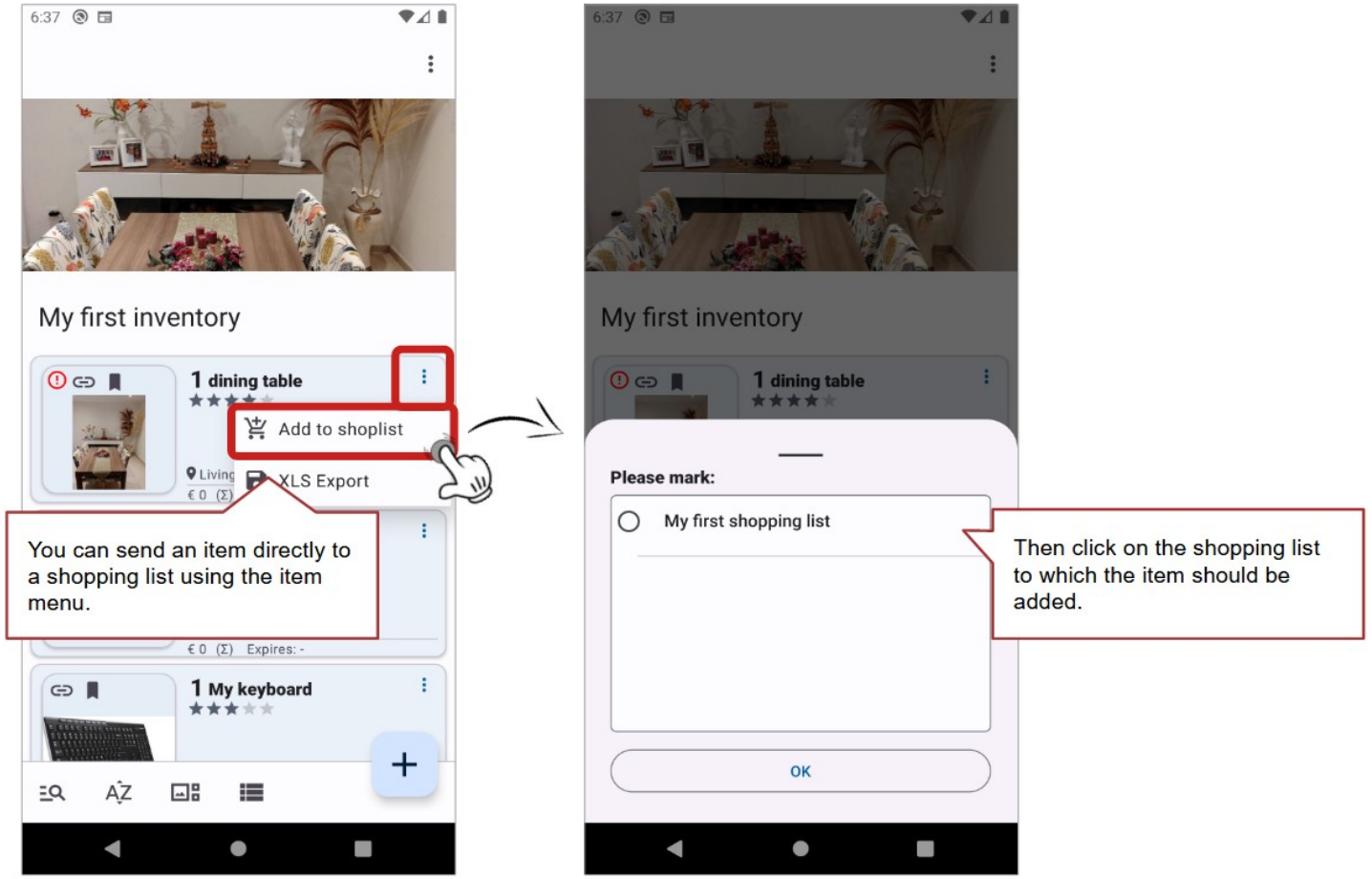
Shopping list items that are based on an inventory item will display a corresponding icon. Click on it to view detailed information. By clicking on the entry, the inventory item is displayed and can therefore be edited directly.



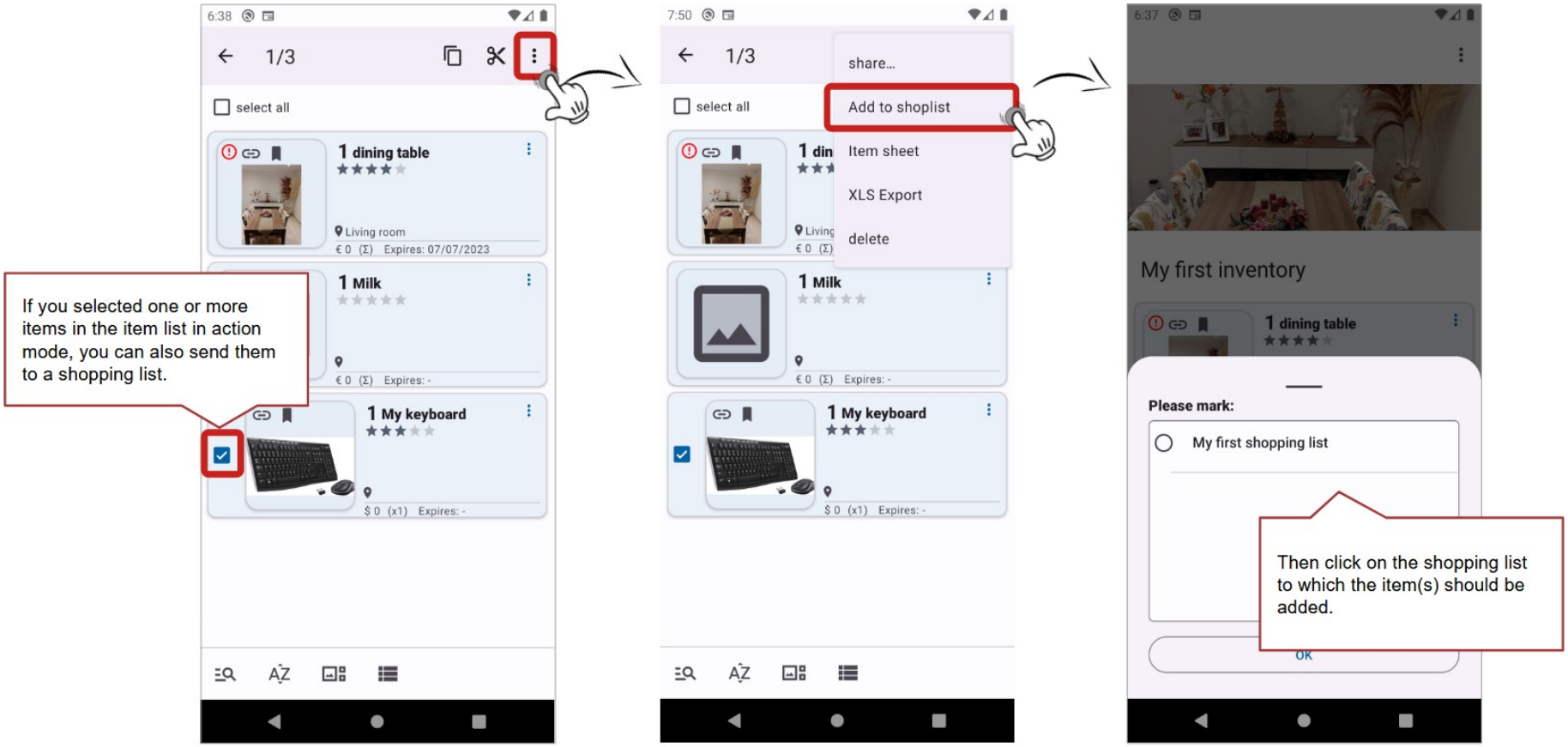
To add an existing inventory item to a shopping list, click on the corresponding icon in the action bar. You can then search for the article and add it to the list by clicking on the article.



You can also add individual items to a shopping list from the inventory items view. To do this, use the item menu.



This also works in action mode via the action menu.



5.12 How to create and restore backups

5.12.1 Introduction

The My Inventory application stores all data on the device itself, including the documents and images associated with the various items in the inventories. Please note that all data will be erased if you factory reset the device or uninstall the application.

In order to keep the data safe and to be able to recover in the above cases or if the device is lost, it is very important to make regular backups .

My Inventory offers three options for backing up your data:

1) **Save the data in a device folder**
   This option allows you to select a location on your device where the application will create a folder with a copy of all data. You can then move or copy this folder to other locations, such as your computer or your preferred cloud account. The advantage is that you do not share your data with anyone. Everything stays on your device. The downside is that after creating the backup, you need to additionally copy this folder to a location outside of your device to avoid data loss in case of losing the device itself.

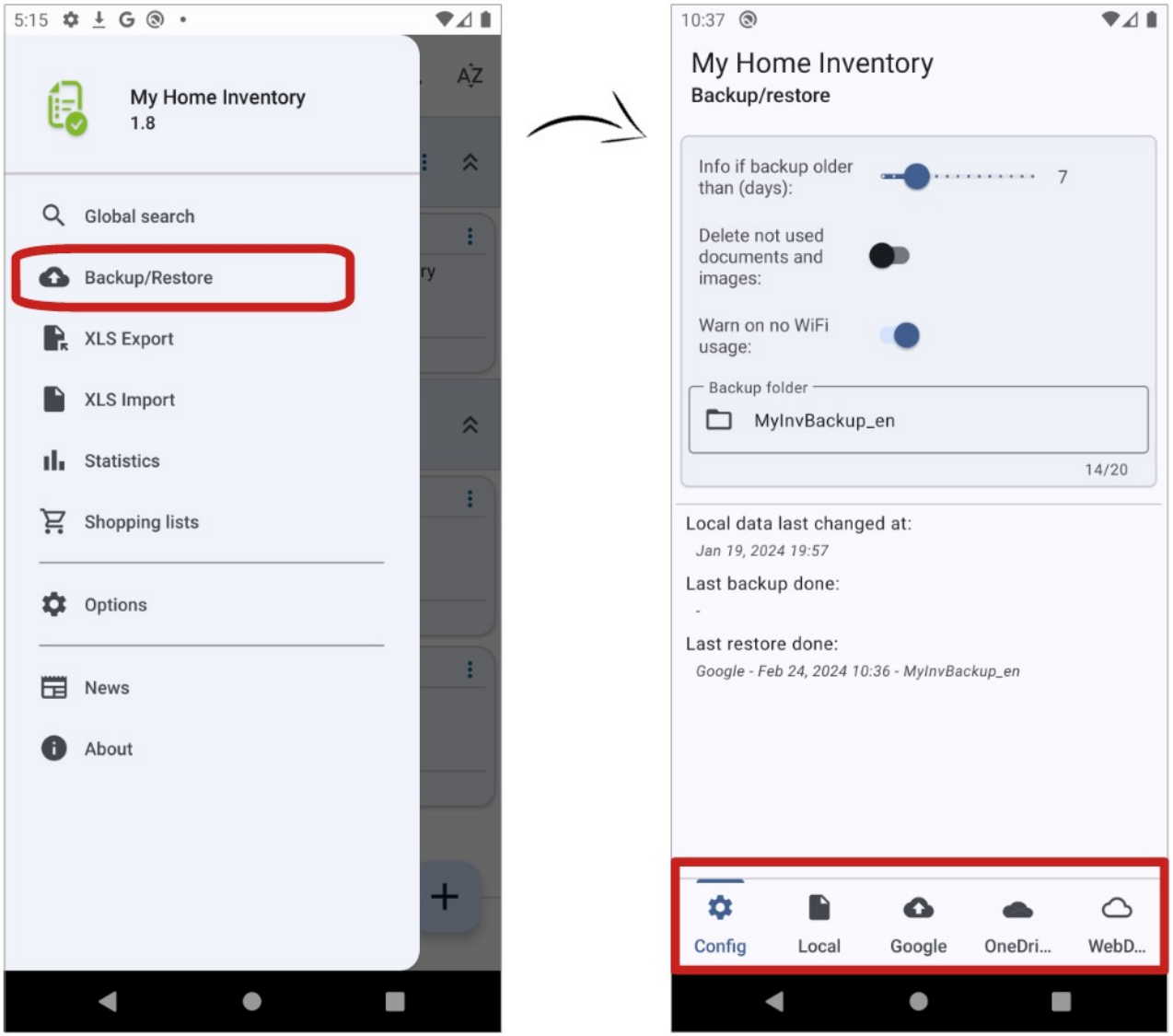
2) **Saving the data on the Google Drive™ of your Google™ account**
   With this option you can authenticate yourself in your Google account and then the application creates a folder in your Google Drive™ with the copy of all data.

3) **Save the data on the OneDrive™ of your Microsoft™ account**
   With this option you can authenticate yourself in your Microsoft account and the application will then create a folder in your OneDrive™ with a copy of all data.

The great advantage of options 2 and 3 is that your data is secured in this way even if the device is lost. Another advantage is that you can easily exchange data between different devices, for example between your mobile phone and your tablet and vice versa.

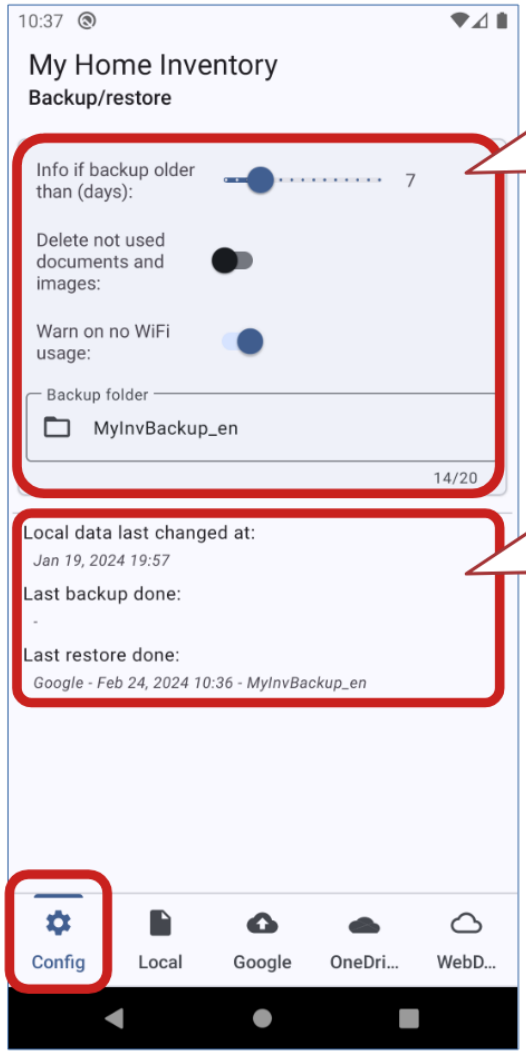
5.12.2 Access the backup/restore function

The backup/restore function is accessed through the main menu of the application. You can navigate between the different views using the lower navigation bar.



5.12.3 General settings

The first view contains the general settings, that allow you to adjust general backup and restore parameters. It also offers information about the last data change and the last backup/restore performed.



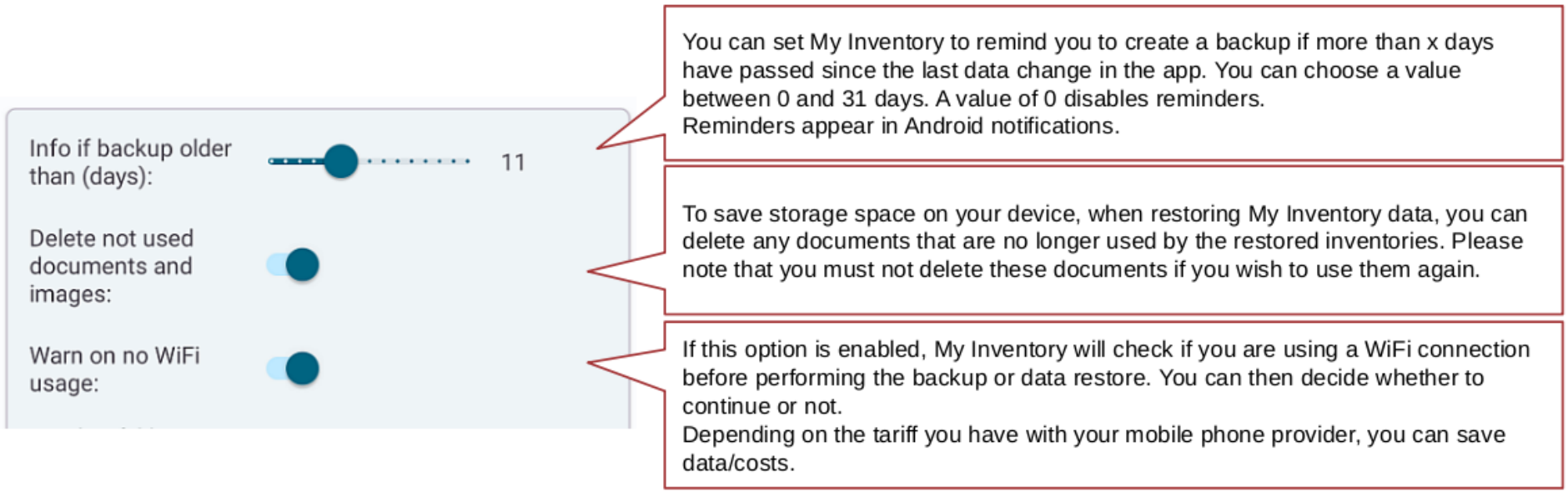
Here you can adjust the general backup/restore configuration.

Here you find information about:
- the last local data change on the device
- the last backup made*
- the last restore carried out*

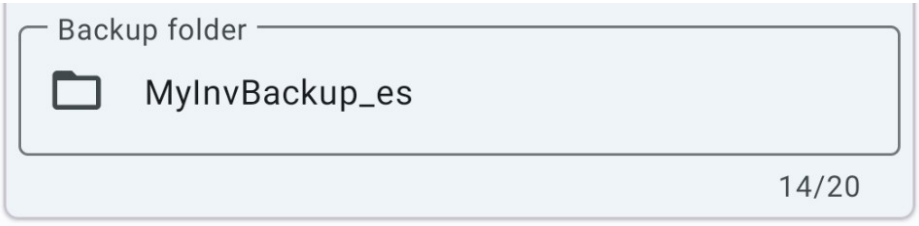
*Shows:
- the destination/source of the backup/restore (local/Google/OneDrive/WebDav)
- the date and time of execution
- the backup prefix used

Please note that after a restore the information about the last backup will not be available until you create a fresh backup again.

The general settings include the following parameters:

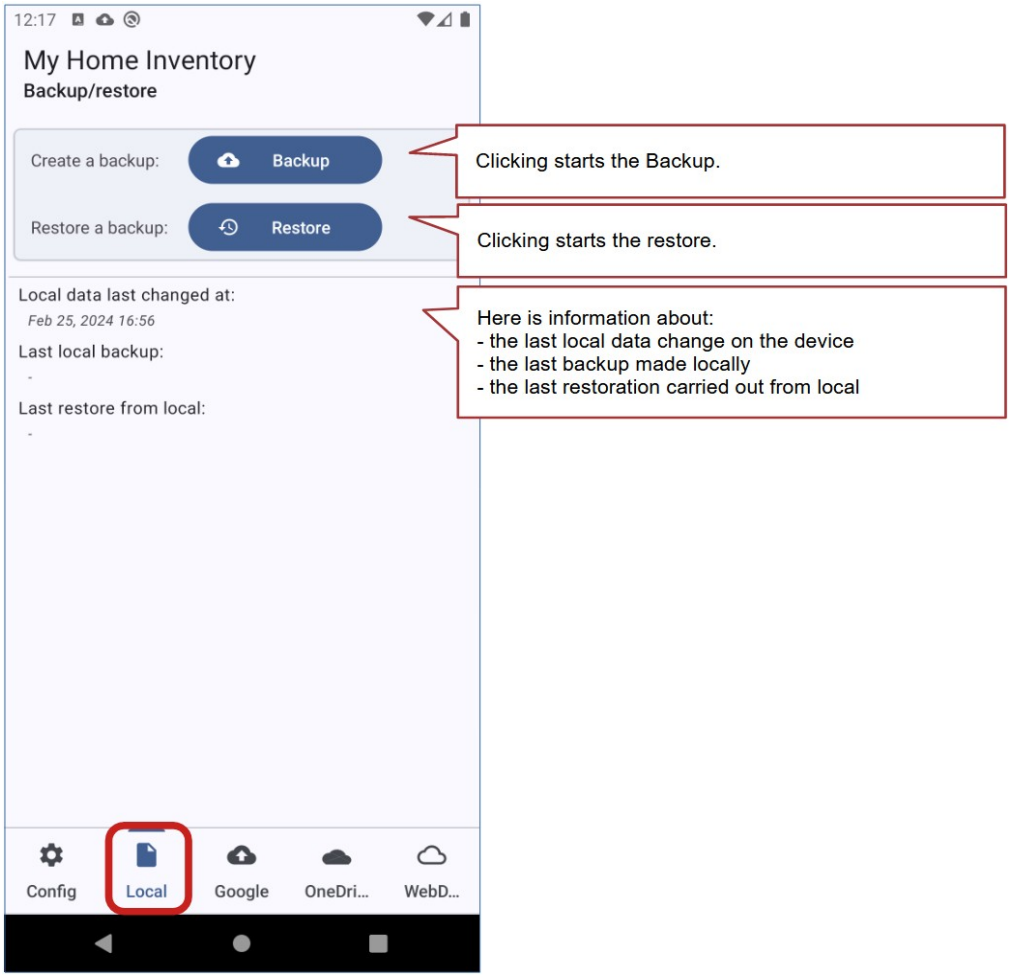


For the backup and restore functions, you must specify a name to be used as the folder name in which the application will back up all data. For online backups the application expect this folder in the root of your Google Drive™, OneDrive™ or WebDAV server. If the folder does not exist yet, My Inventory will create it during the first backup. If you make a backup to an existing directory that already contains a backup, the copy will be incremental.

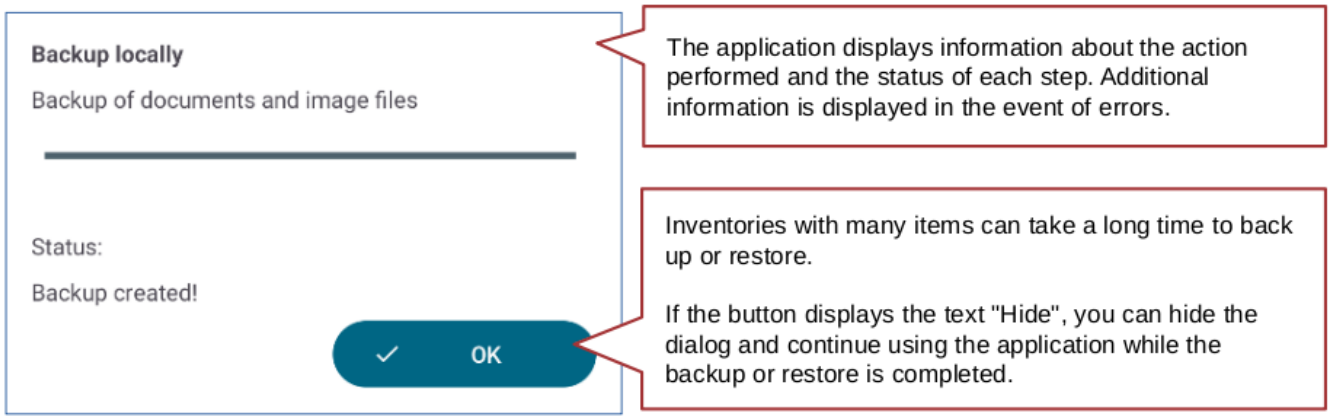


5.12.4 Local backup/restore

With this option you can choose a location on your device in which My Inventory will create a folder with the backup name that you have indicated in the general settings (see page 106) and copy all the data to it. You can then move or copy this folder to other locations, such as your computer or a favorite cloud account. The advantage of a local backup is that you do not share your data with anyone, because everything remains on your device. The disadvantage is that to prevent data loss in the event of loss of the device itself, once the Backup is created, you should additionally copy this folder to a location outside of your device. Please note that if the chosen backup-folder contains a sub-folder with the indicated name or the chosen backup-folder has already the same name, an incremental backup will be made.



Once the backup or restoration is started, the application will show an information window about the progress and status.



5.12.5 Backup/restore on Google Drive™

With this feature you can backup or restore your inventory data to your Google Drive™ account. The main advantage is that the data is also safeguarded in case the device is lost. Another advantage is that you can easily exchange data between your devices, for example between your mobile phone and your tablet and vice versa.

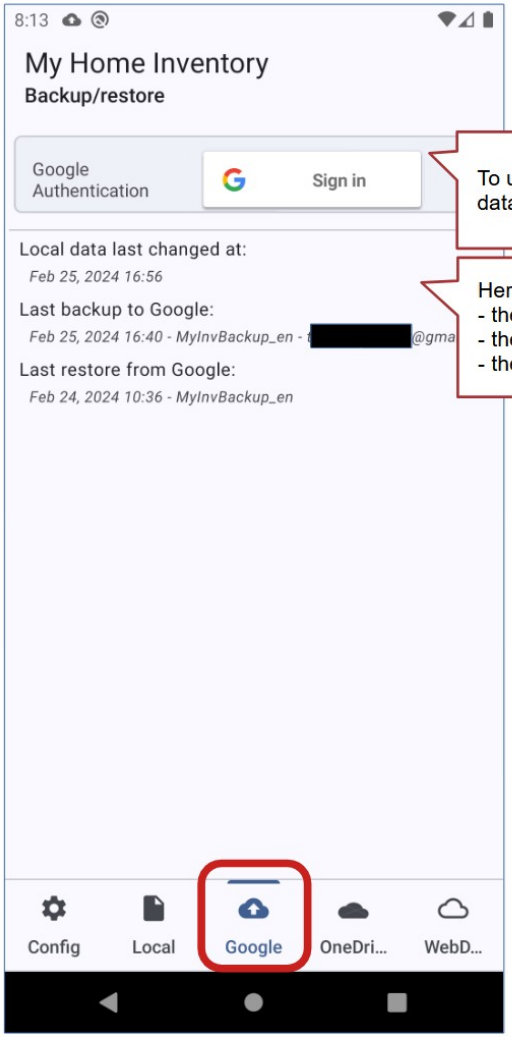
If you use the app's Google Drive™ integration to back up inventory data to your Google Drive™ drive, you must sign in to your Google Account. By doing so, you agree to the terms of use and data protection regulations of Google and Google-Drive™. You can find them at https://www.google.com/policies/privacy/ y https://www.google.com/drive/terms-of-service/

After you signed in to Google, the application reads the name and email address stored in the Google account to display them as information in the Backup window. This information is only stored and displayed locally in the application and is not sent to third parties or the author of the application. This information is used to let the user know which account was used to perform the last backup or restore. When backing up, the app transfers data created locally on the device by the user in the app (inventories, inventory items, and item documents) to the Google Drive™ drive associated with the Google account, to the directory that you have indicated in the configuration (see page 106). My Inventory does not access to other Google Drive™ files or directories. The same applies to restoring a backup from Google Drive™. Only files in the directory created by the application are accessed and then copied to the end device.

Once the Backup/Restore has started, a progress window is displayed (see page. 109). You can also activate the automatic backup service (see page 118).

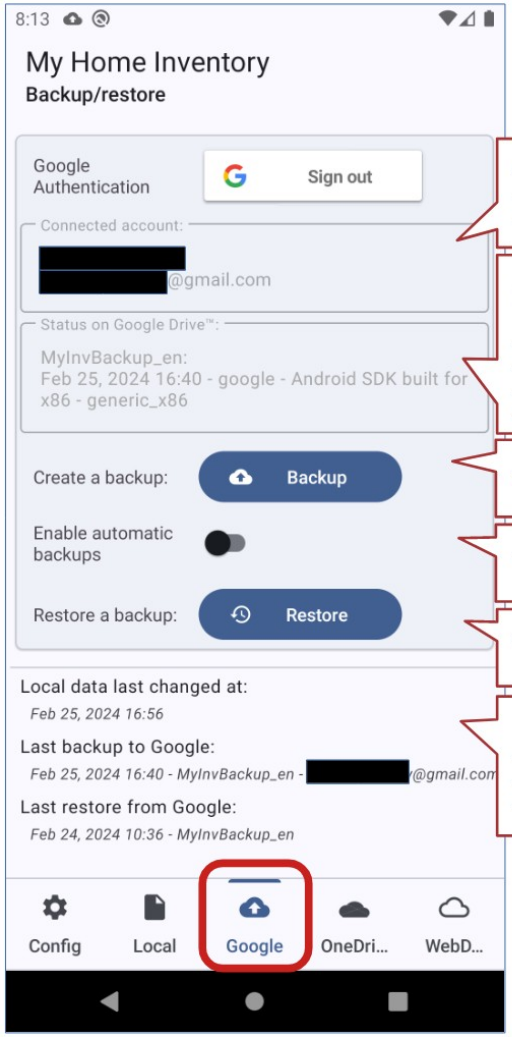
Attention, to take into account:

- When copying files, the application compares the name and size of each file to be copied from the source with the files existing in the destination. If the name and size match, the file in the destination will not be overwritten. This applies both when backing up and restoring data.



To use Google Drive to back up/restore your data, you must log in to your account.

Here is information about:
- the last local data change on the device
- the last backup made to Google Drive
- the last restore made from Google Drive



Authenticated account information is displayed here:
- The first and last name
- The email

Information about the Backup found in Google Drive is shown here.
It shows:
- Folder/name of the backup that has been found
- Date and time of this Backup
- Information about the device from which the Backup was created

When clicked, the backup starts.

You can activate the automatic backup service.

When clicked, the restore starts.

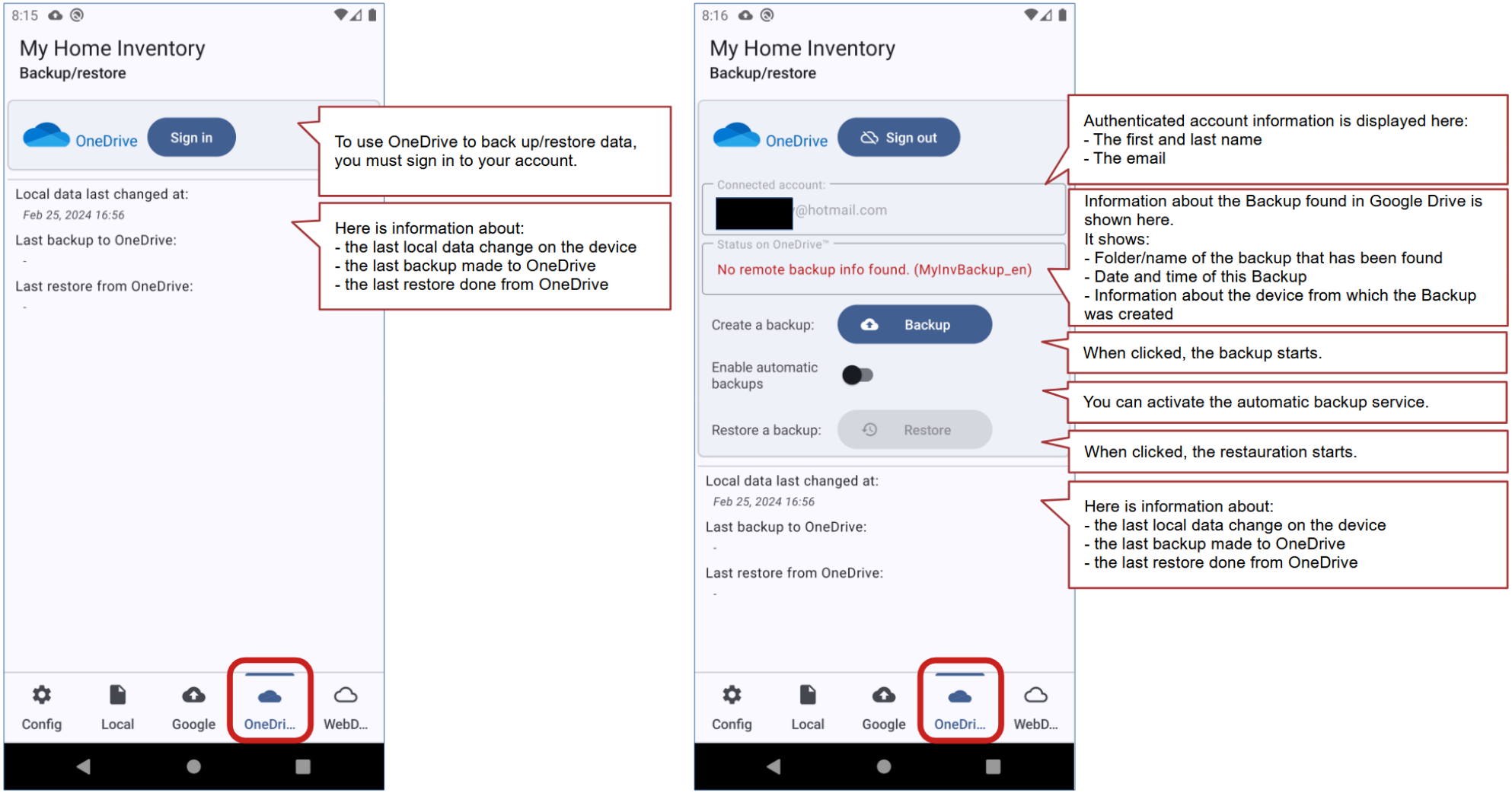
Here is information about:
- the last local data change on the device
- the last backup made to Google Drive
- the last restore made from Google Drive

5.12.6 Backup/restore on OneDrive™

With this feature you can backup or restore your inventory data to your Microsoft account. The main advantage is that the data is also safeguarded in case the device is lost. Another advantage is that you can easily exchange data between your devices, for example between your mobile phone and your tablet and vice versa.
If you use the app's OneDrive™ integration to safeguard inventory on your OneDrive™ drive, you must agree to the Microsoft and OneDrive™ terms of use and data protection policies. You can find them at https://www.microsoft.com/es-mx/servicesagreement/

After authenticating to your Microsoft account, the application reads the name associated with the account to display it as information in the Backup window. This information is only stored and displayed locally in the application and is not sent to third parties nor the author of the application.
When you perform a backup, the application transfers data created locally by the user in the application (inventories, inventory items, and item documents) to the OneDrive™ drive associated with the Microsoft account, to a directory created by the application with the name of the backup that you have indicated in the configuration (see page 106). No other OneDrive™ files or directories are accessed. The same applies to restoring a backup from OneDrive™. Only files in the directory indicated in the settings are accessed and the data is then copied to the device.

Once authenticated to your Microsoft account, the following information is displayed:



Once the Backup/Restore has started, a progress window is displayed (see page 109).

You can also activate the automatic backup service (see page 118).

Attention, to take into account:

- In case you have problems during login, try changing the OneDrive™ authentication client in the general settings of the application.
- Depending on your device and the quality of your Internet connection, the app may not be able to retrieve information about the data that is on OneDrive™. In this case, it is indicated in the “Data available in OneDrive™” field. In this case, you can click on the OneDrive icon to try reading the available information again.
- The functionality has been implemented to support OneDrive™ Personal. OneDrive™ Business is not supported in this version.
- When copying files, the application compares the name and size of each file from the source with the files existing in the destination. If the name and size match, the file in the destination will not be overwritten. This applies both when backing up and restoring data.

5.12.7 Backup/restore on WebDAV

With this feature you can backup or restore your inventory data to a WebDAV server. The main advantage is that the data is also safeguarded in case the device is lost. Another advantage is that you can easily exchange data between your devices, for example between your mobile phone and your tablet and vice versa.

Please check the data security and data privacy conditions of the WebDAV server provider before using the backup function.

To connect to the WebDAV server you must provide the connection parameter:

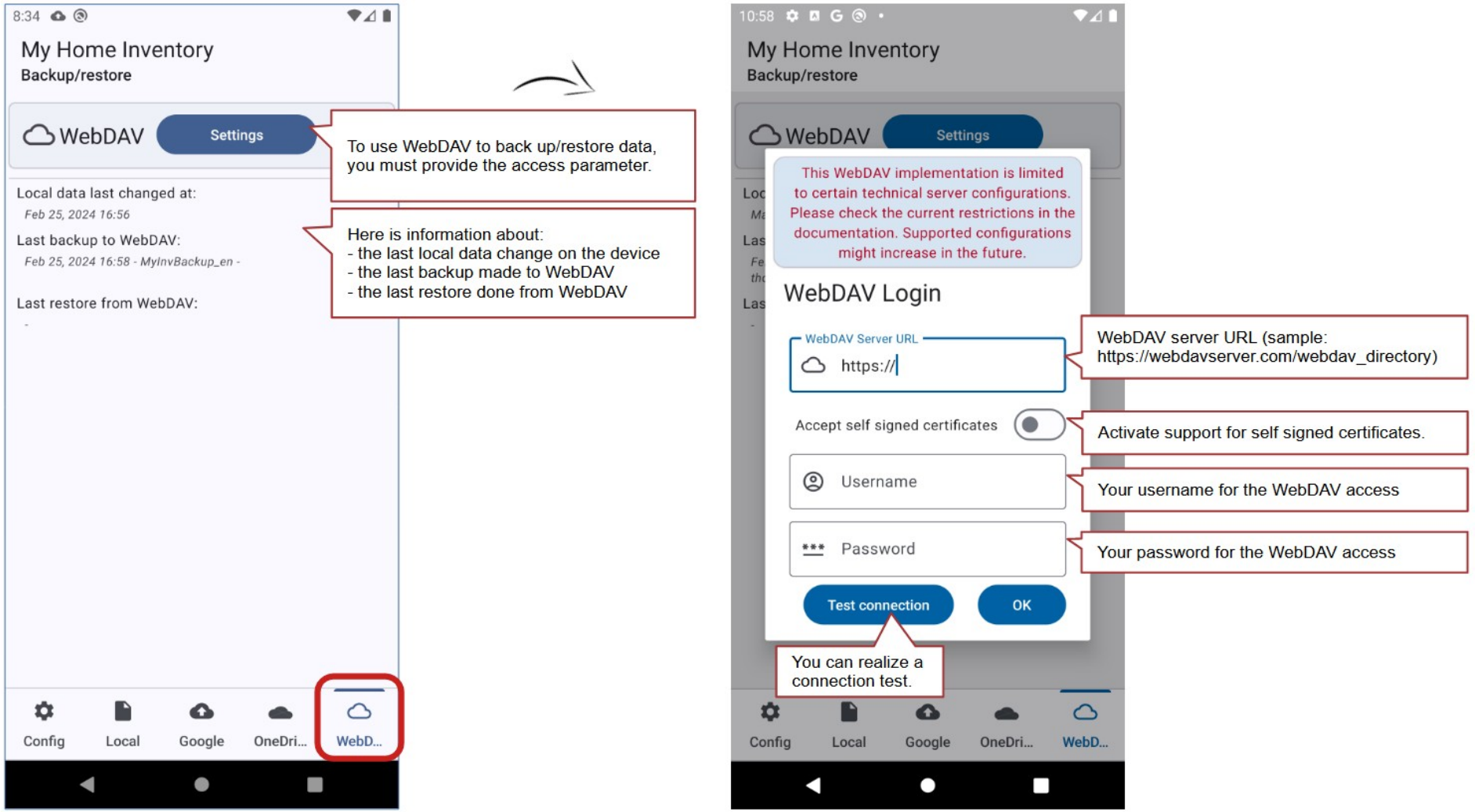
- WebDAV server URL (sample: https://webdavserver.com/webdav_directory)
- Your username for the WebDAV access
- Your password for the WebDAV access

The connection parameter will be stored encrypted on your device. This information is only stored and displayed locally in the application and is not sent to third parties nor the author of the application. You can delete the stored information by leaving all fields blank and then clicking the OK button.

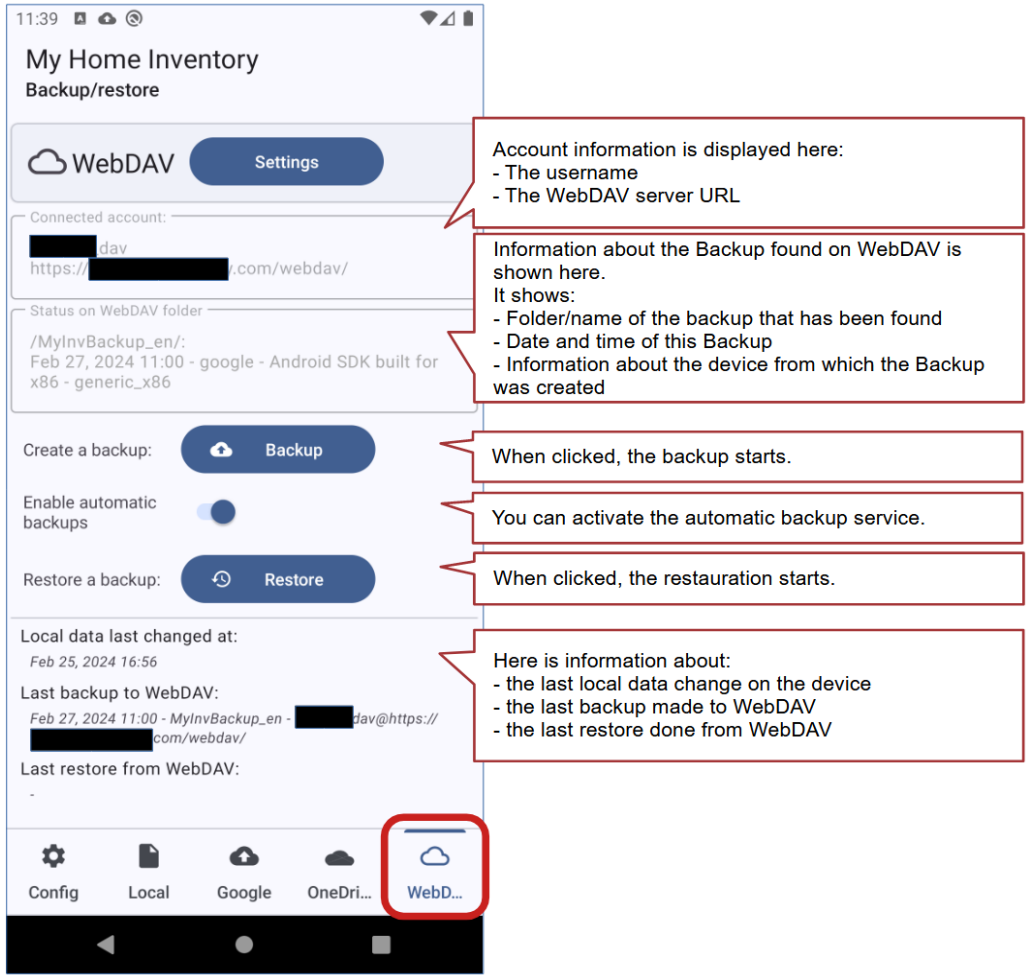
When you perform a backup, the application transfers data created locally by the user in the application (inventories, inventory items, and item documents) to the WebDAV server, to a directory created by the application with the name of the backup that you have indicated in the configuration (see page 106). No other WebDAV files or directories are accessed. The same applies to restoring a backup from WebDAV. Only files in the directory indicated in the settings are accessed and the data is then copied to the device.

Attention, to take into account:

- Only connections with authentication (username / password) are supported
- The supported WebDAV authentication methods are “basic” and “digest” (AuthType Digest / AuthType Basic)
- Please use always encrypted connections “http**s**://” to ensure data encryption during the data transfer.
- Only WebDAV directories with the disabled “MultiViews” option are supported (“Options -MultiViews”)
- During the backup, the application creates temporary files on the WebDAV folder with the “.part” and “.tmp” extensions. In case of unexpected interruptions (network errors, application interruptions, etc.), those files may remain on the folder. Although those files will be overwritten automatically during the next backup, you should check the remote folder from time to time to delete manually those temporary files to free up space.


8:34
My Home Inventory
Backup/restore
WebDAV
Settings
Local data last changed at:
Feb 25, 2024 16:56
Last backup to WebDAV:
Feb 25, 2024 16:58 - MyInvBackup_en -
Last restore from WebDAV:
-
To use WebDAV to back up/restore data, you must provide the access parameter.
Here is information about:
- the last local data change on the device
- the last backup made to WebDAV
- the last restore done from WebDAV
Config
Local
Google
OneDri...
WebD...
10:58
My Home Inventory
Backup/restore
WebDAV
Settings
This WebDAV implementation is limited to certain technical server configurations. Please check the current restrictions in the documentation. Supported configurations might increase in the future.
WebDAV Login
WebDAV Server URL
https://
WebDAV server URL (sample: https://webdavserver.com/webdav_directory)
Accept self signed certificates
Activate support for self signed certificates.
Username
Your username for the WebDAV access
Password
Your password for the WebDAV access
Test connection
OK
You can realize a connection test.
Config
Local
Google
OneDri...
WebD...

With setting the parameters you can check the existing information on the WebDAV server and backup/restore the data.



5.12.8 The automatic backup service

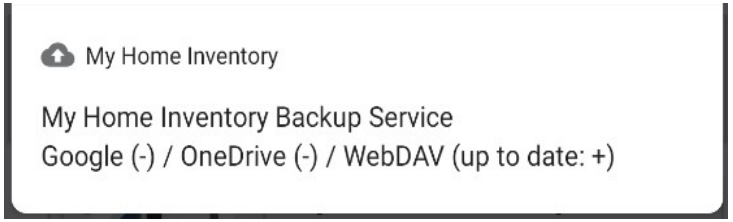
The automatic backup service is available for Google Drive™, OneDrive™ and WebDAV and can be activated on the respective screen.

The app automatically disables the option when:

- the user performs a Login/Logout in their account, or
- modify the backup folder

In case you have activated the backup service, the service starts along with the application.

When the service starts, a notification is displayed in the Android™ notification area. The service updates this notification to inform about the current status and, if a backup is performed, about its progress. It also reports any errors that have occurred.



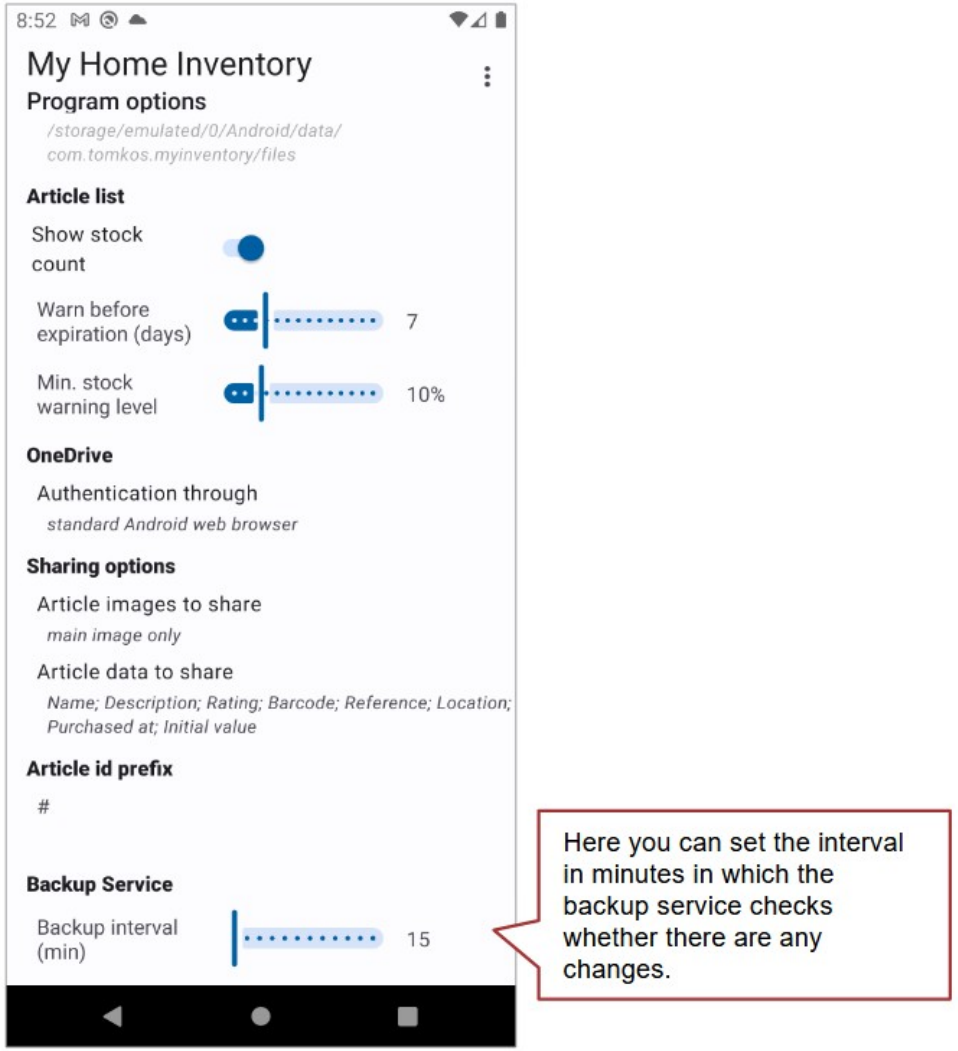
You can click on the notification area to directly access the backup/restore settings.

Attention, to take into account:

- The backup service periodically compares the date/time of the last modification of your inventory data, with the last backup found in the indicated folder. If it does not find the folder with the indicated name, it will create it and then create the data copy.
- The backup service does not overwrite backups made from other devices. If a backup already exists in the remote folder, but the backup was created from another device, a warning is displayed. If you want to overwrite this remote copy, you must first perform a manual backup. You can then use automatic backups.
- While you are in the backup configuration in the application (see page 105), the service will be suspended (paused) until you exit the configuration.

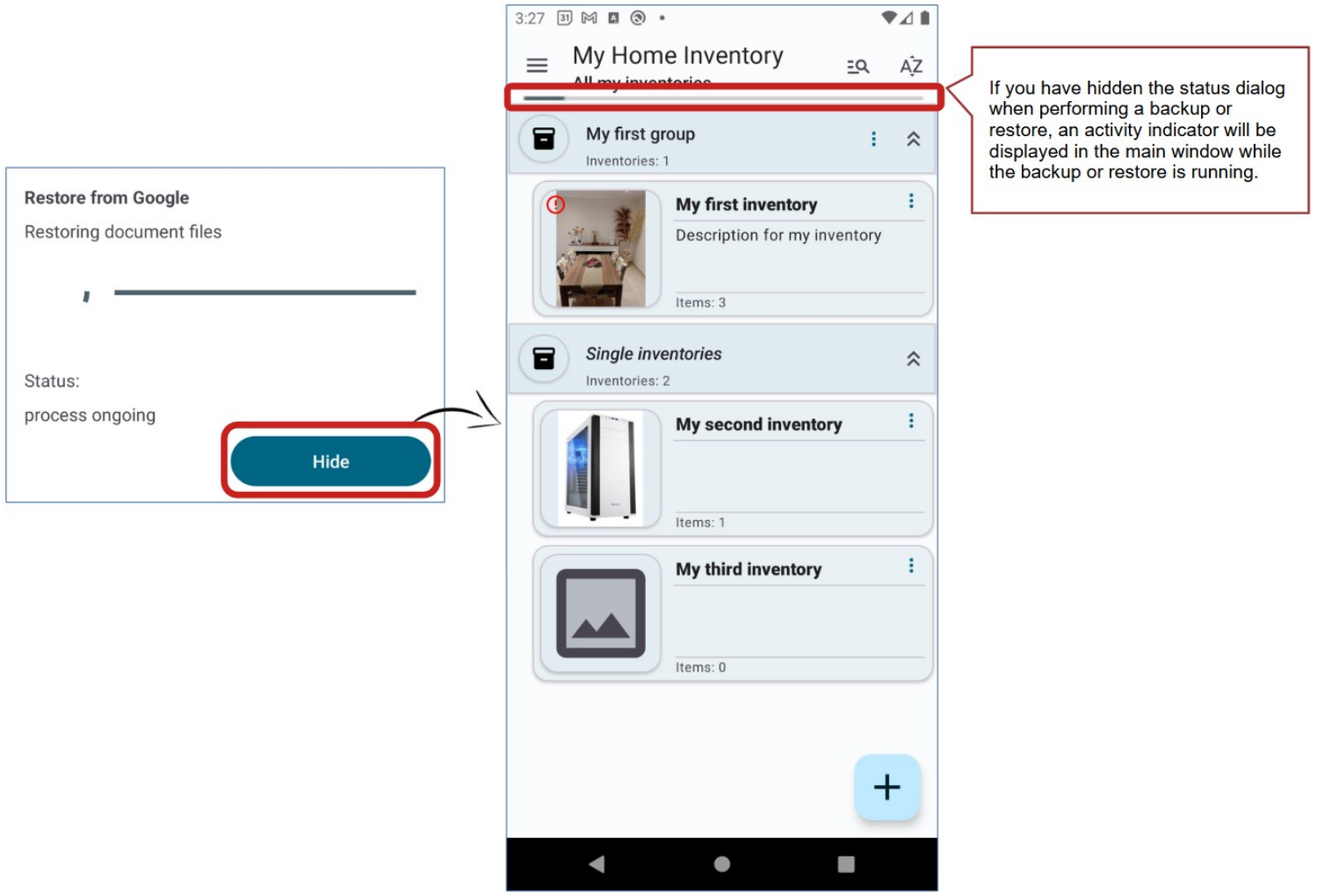
5.12.9 Setting the Backup interval (backup service)

In the application options you can set the interval at which the backup service checks whether there are changes that need to be backed up. The interval can be set here between 15 minutes and 3 hours in 15 minute increments.



5.12.10 Activity indicator in the main window

If you have hidden the status dialog when performing a backup or restore, return to the main window. An activity indicator will appear here during backup or restore. The activity of the automatic backup service is also shown here.

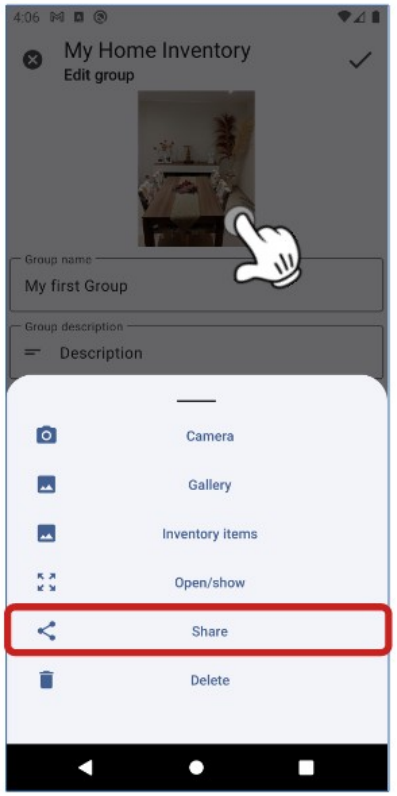


5.13 Share application data with other applications (share)

The application allows you to share data from several views.

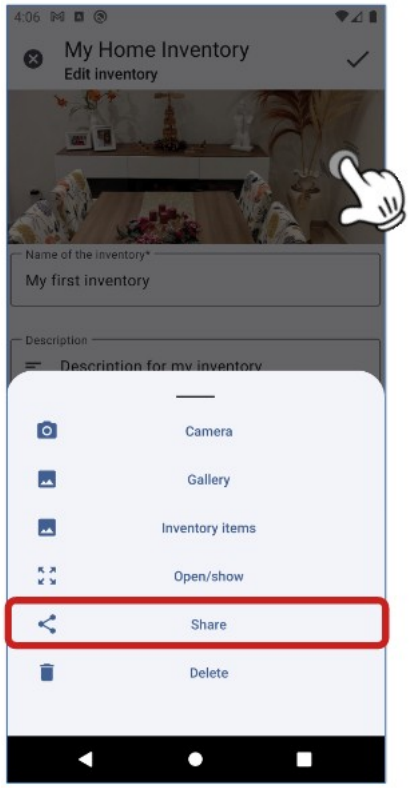
5.13.1 Inventory group edit view

By clicking on the image assigned to an inventory group, you can select the share option. The group image, name and description will be shared.



5.13.2 Inventory edit view

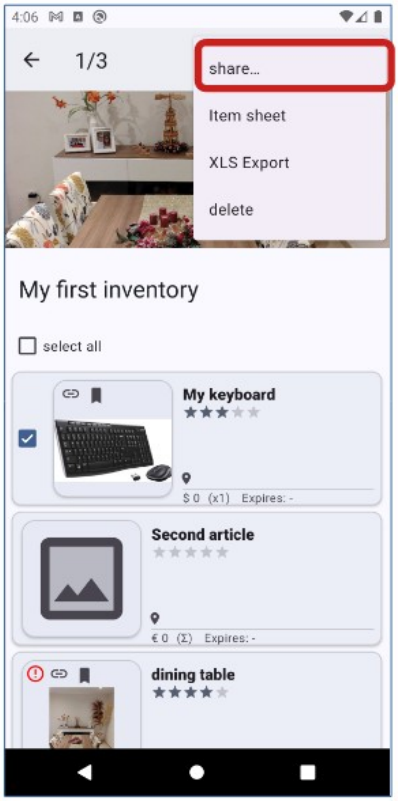
By clicking on the image assigned to an inventory, you can select the share option. The inventory image, name and description will be shared.



5.13.3 Inventory item list view

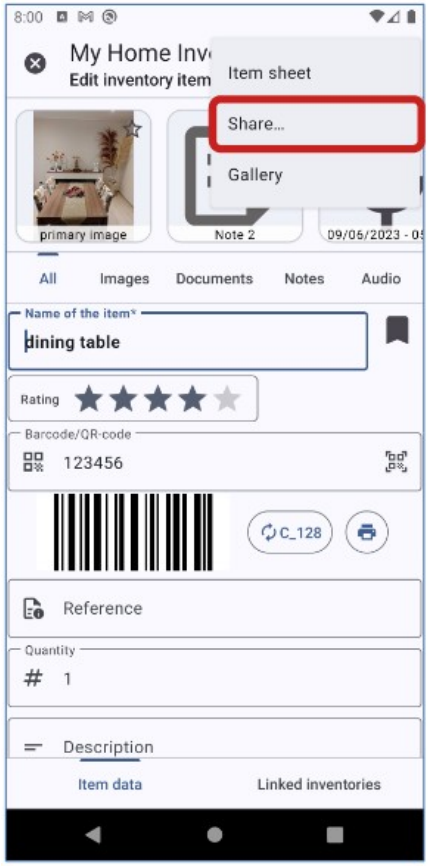
In the inventory items list view, you can use a long click to enter the action mode and then select one or more items. In case only one item has been selected, the information shared depend on the settings of the sharing options (see 5.13.6).

In case you select more then one item, the images will be shared depending on the settings of the sharing options (see 5.13.6) and in addition, independently from your sharing settings, only the name of each item will be shared, separated by “;”.



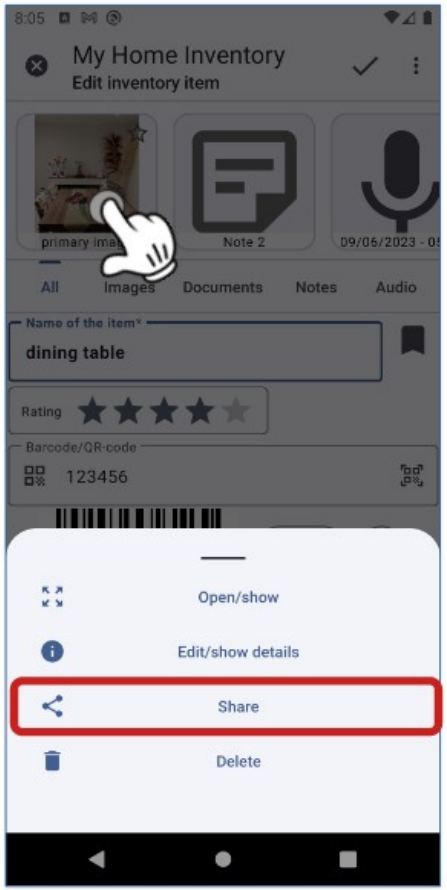
5.13.4 Inventory item edit view

In the inventory item edit view, you can choose the share option in the menu. The information shared depend on the settings of the sharing options (see 5.13.6).



5.13.5 Inventory item document list view

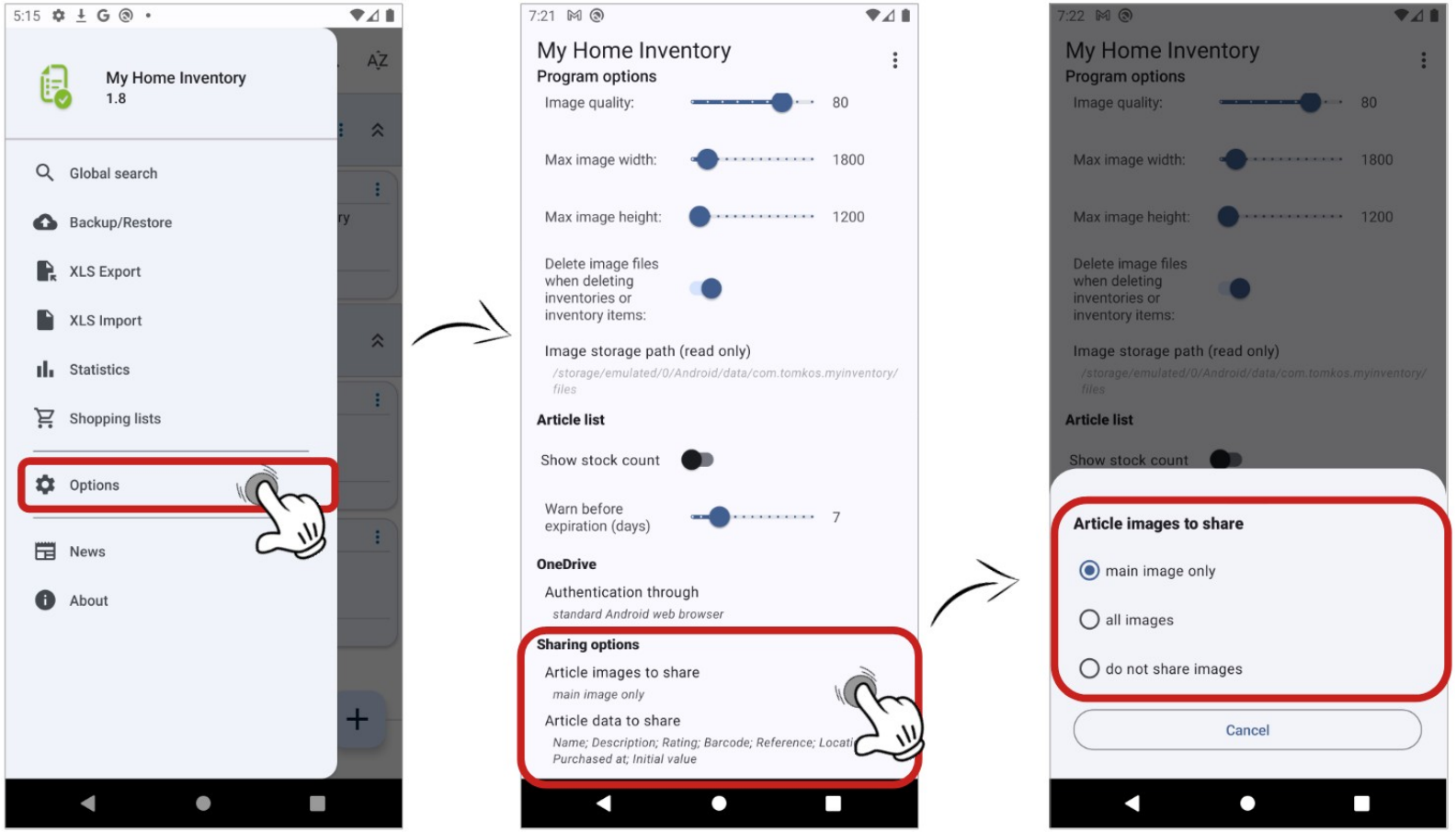
In the inventory item edit view, by clicking on an image, a voice note or a document, you can select the share option. The document itself, the name and the description will be shared.



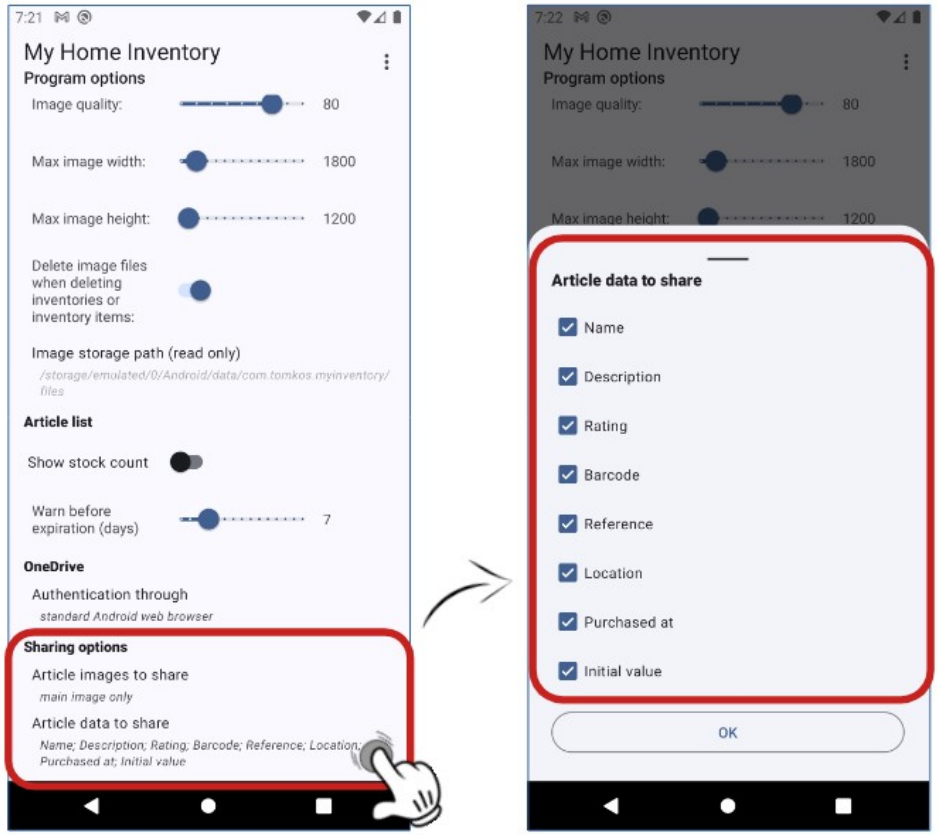
5.13.6 The sharing option settings

The sharing option settings allow you to configure which images and with data will be shared for inventory items.

The settings for the image sharing allow you to choose between sharing only the main image, all images or no image at all.

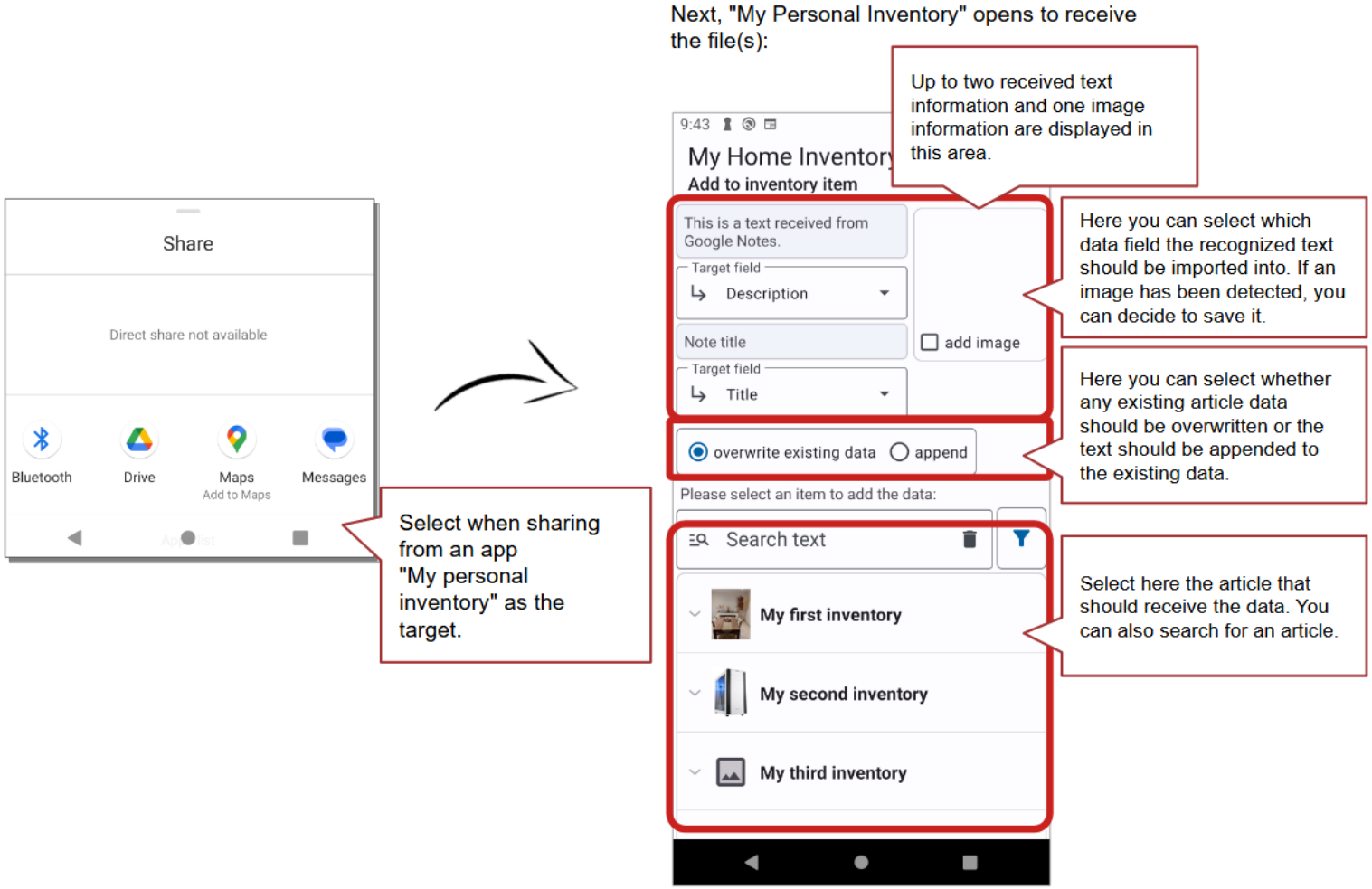


The settings for the data sharing allow you to choose which item data will be shared.



5.14 Receiving data from other applications (“Share”)

The application can receive data from other applications using the standard Android™ "Share" function. This version supports images, PDF files and text. After data from an other app has been shared and sent to My personal Inventory, a window will open allowing the user to select/browse an item from an inventory and then add the received files to that item. You can also create a new item based on the received files. In case of received text data you can also chose the target fields.



5.15 The “Global Search”

With this function you can carry out a global search in all inventories, articles and documents.

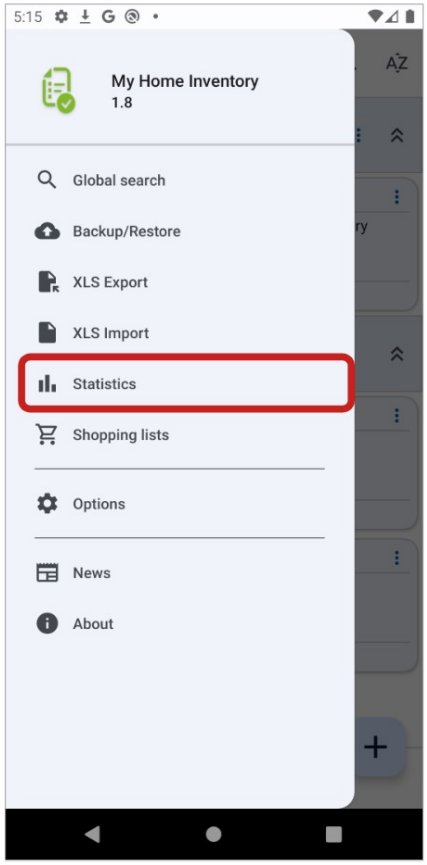
The application performs the search in the following fields:

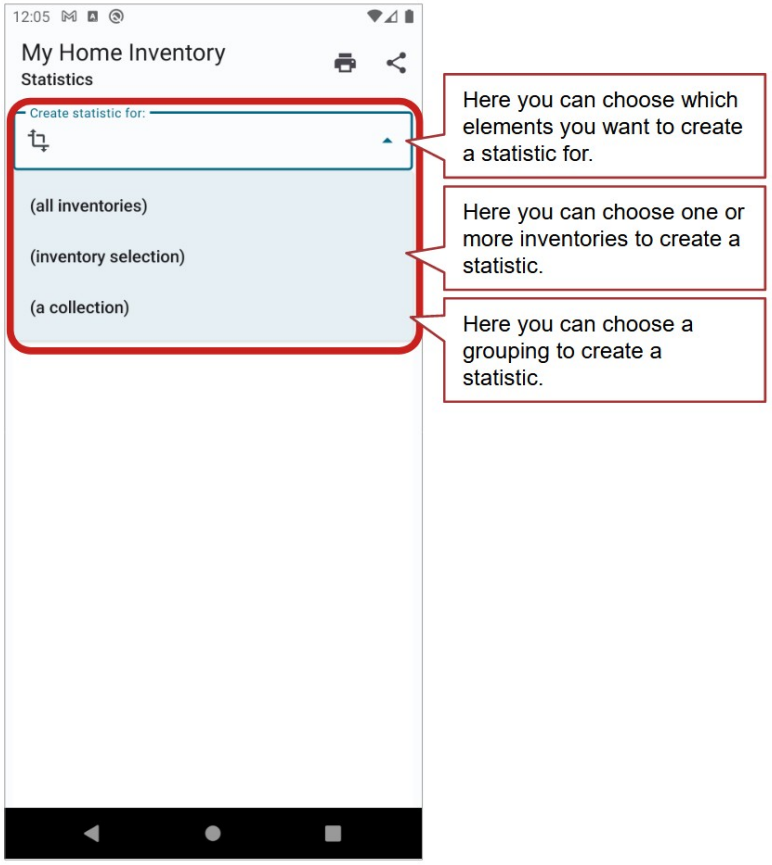
- name of inventory, items and documents
- the descriptions of the inventories, items and documents
- the barcodes of the items

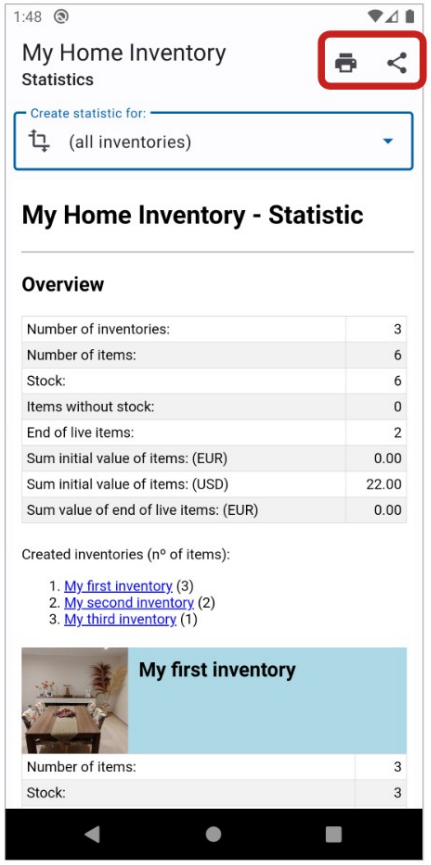
5.16 "Statistics" on inventories and items

With this function you can create a report with statistics for all or for one inventory. The function is accessible via the main menu.

You can select an inventory, all inventories, or a grouping to generate the report. Once the report is generated, it can be printed or shared with other applications. When printing, the standard functionality of your device is used. Usually you can save the report in PDF format. If you share the report, it will be shared in HTML format. Please note that HTML format does not contain images.



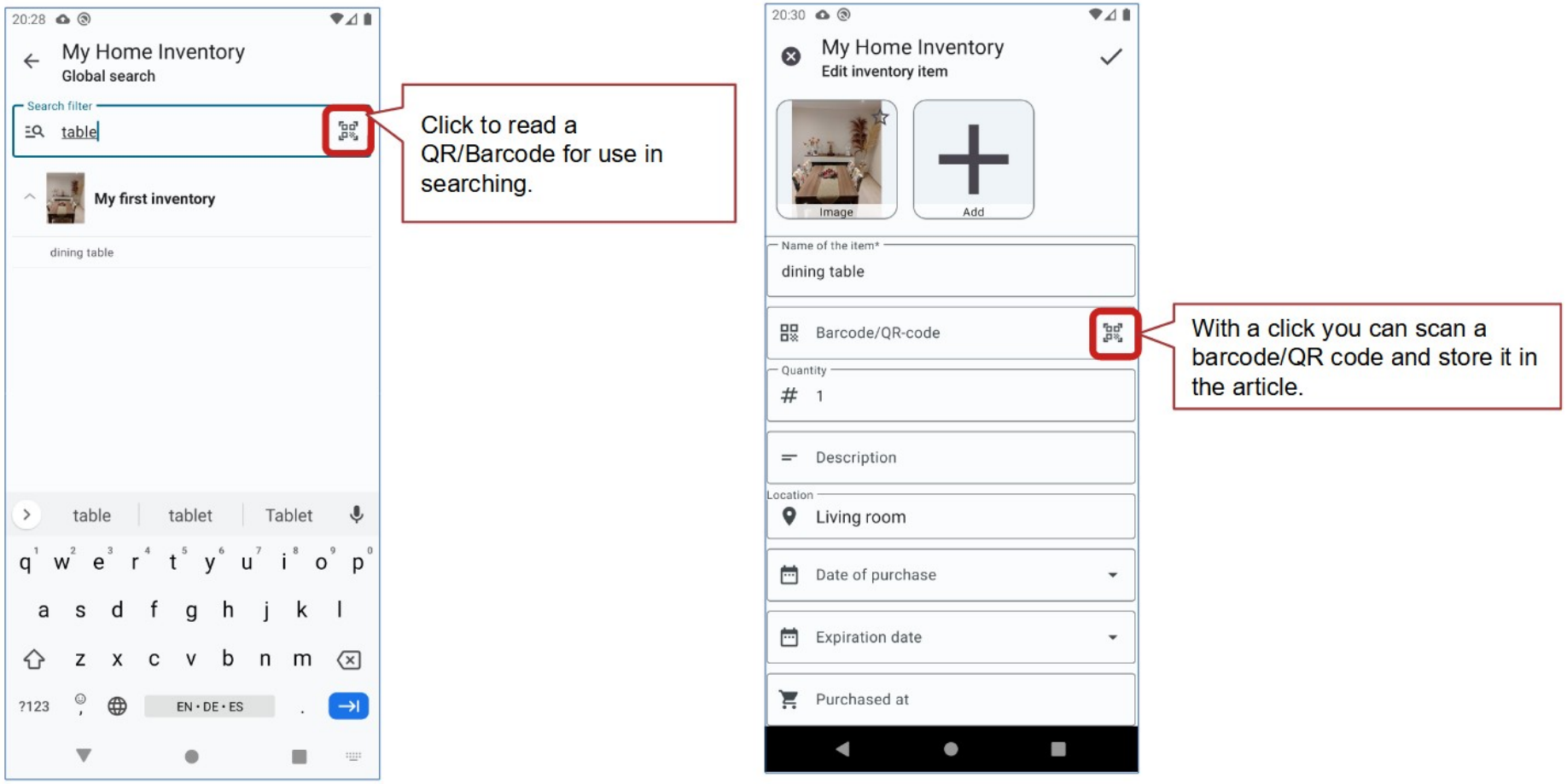




5.17 Barcodes / QR codes

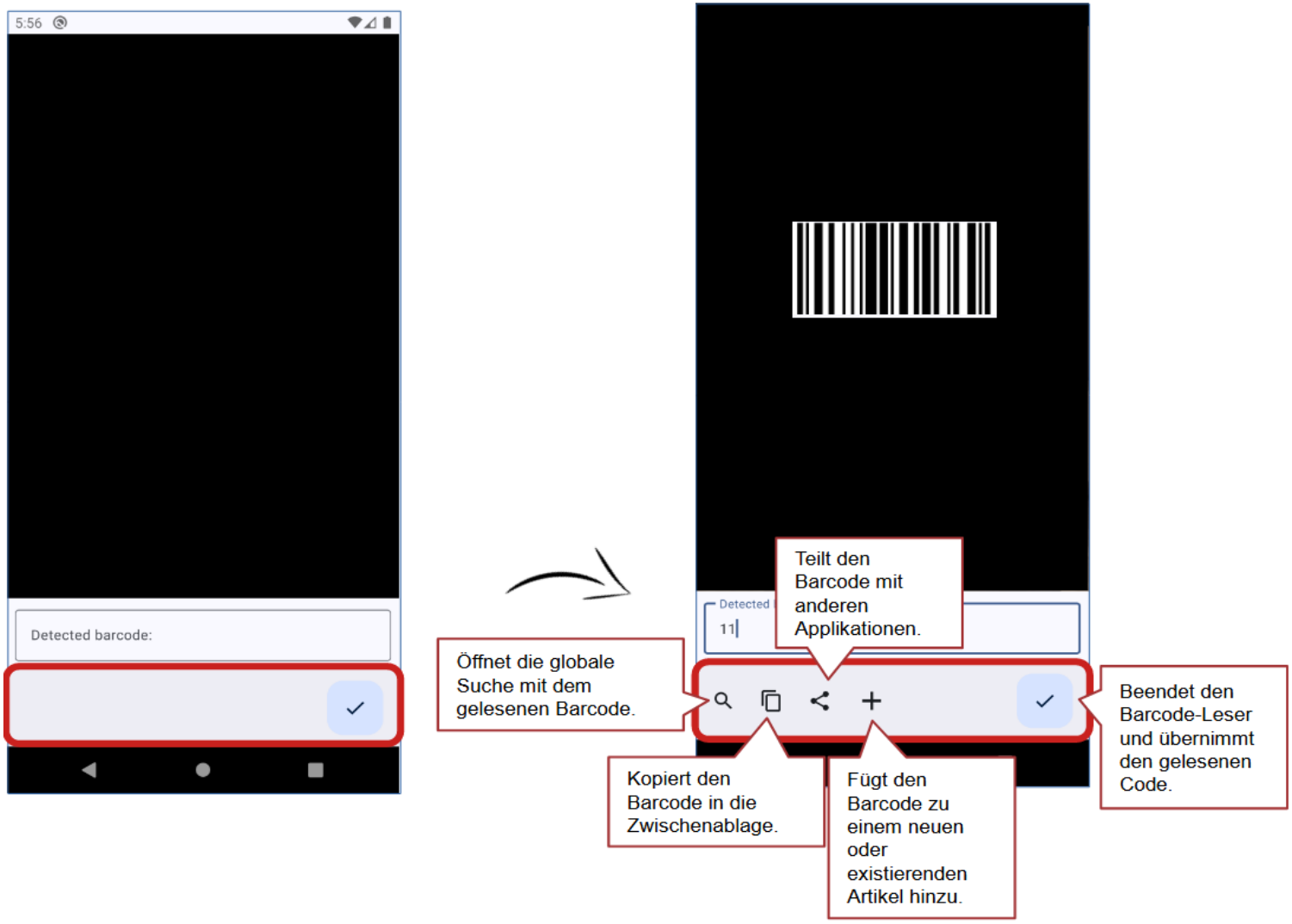
Barcodes / QR codes can be read and saved on inventory items of type "with barcode".

The inventory type is defined in the inventory configuration when it is created (see page 16) and can also be changed later at any time (see page 24).

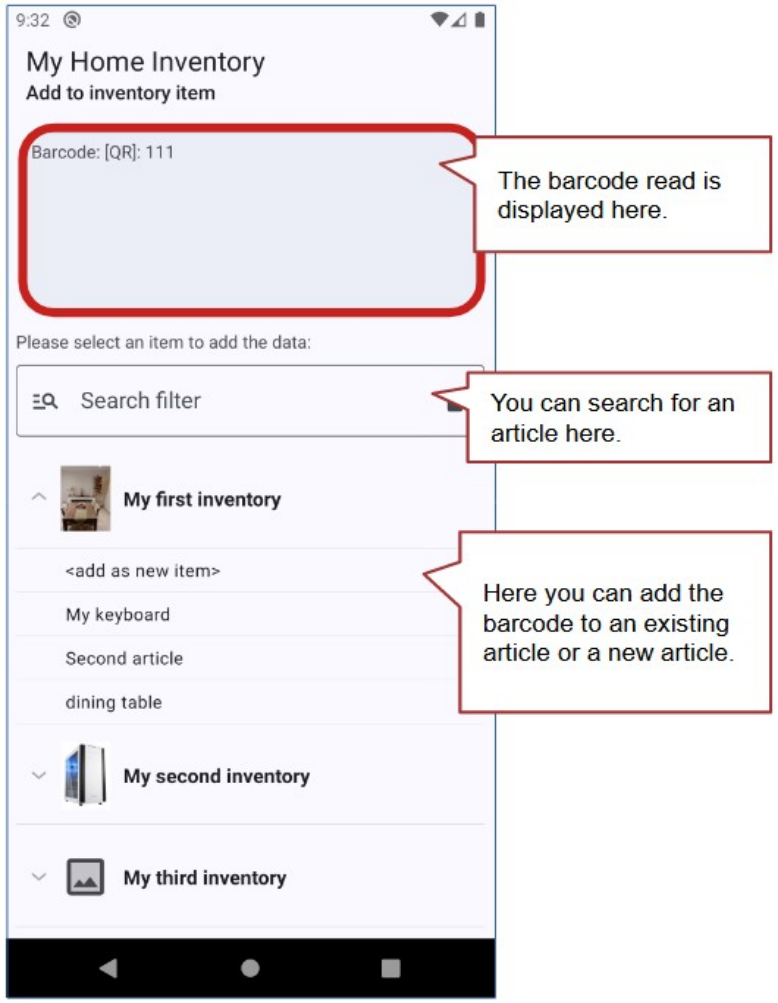


5.17.1 The QR/Barcode Reader

The barcode reader has been expanded to include interesting functions. Read data can be transferred directly to the global search, copied to the clipboard, shared with other applications, or added directly to an existing or new article.



The “Add” function opens a selection window that allows you to search for an item or create a new item with the barcode.



5.18 Images used by the application

By default, the application uses some images to indicate special situations:

Shown when the image file is damaged or missing from the device.
It can happen for example when the restoration is running and the application has started to be used. In this case, as the restoration progresses, the images will be displayed little by little.

Shown in inventory or items by default, when no image has been chosen.