Grocy test report

Julia Cichosz, Klaudia Goska, Anna Misiewicz
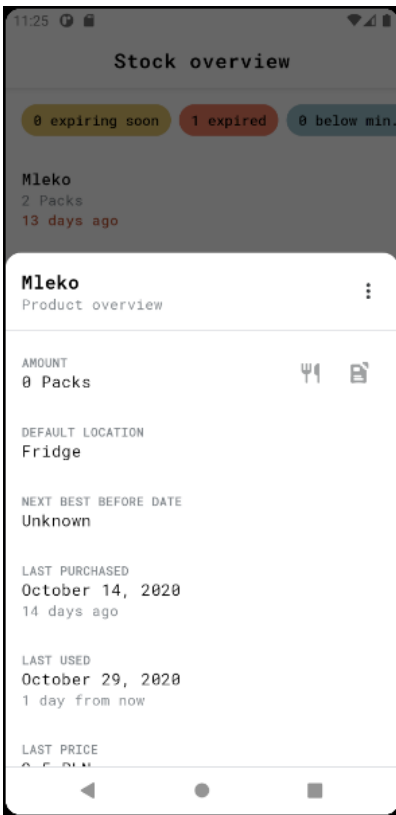
2020/2021

1   Testing process

Testing process based on black-box testing.
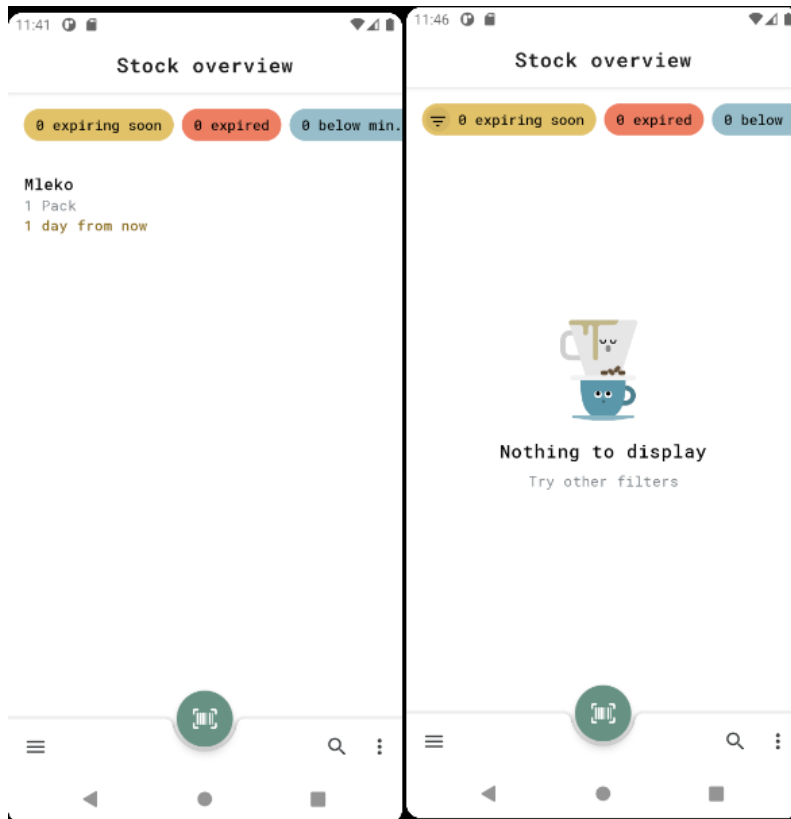
1.1   Black-box testing

The testing method will be usage scenario based testing. During this process, the following application performance defects were detected:
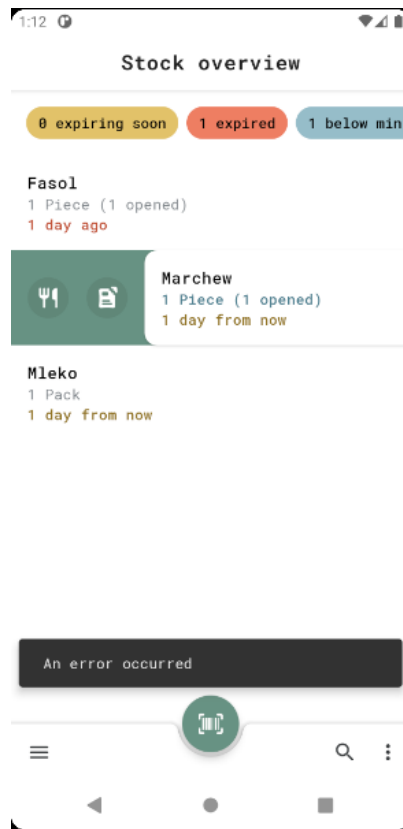
Description:
A user adds two packets of milk and then consumes both. The *Stock overview* section of the application still displays that the user has two packets of the product, but when you click on it and thus open the *Product overview* section, it displays zero packets of milk.
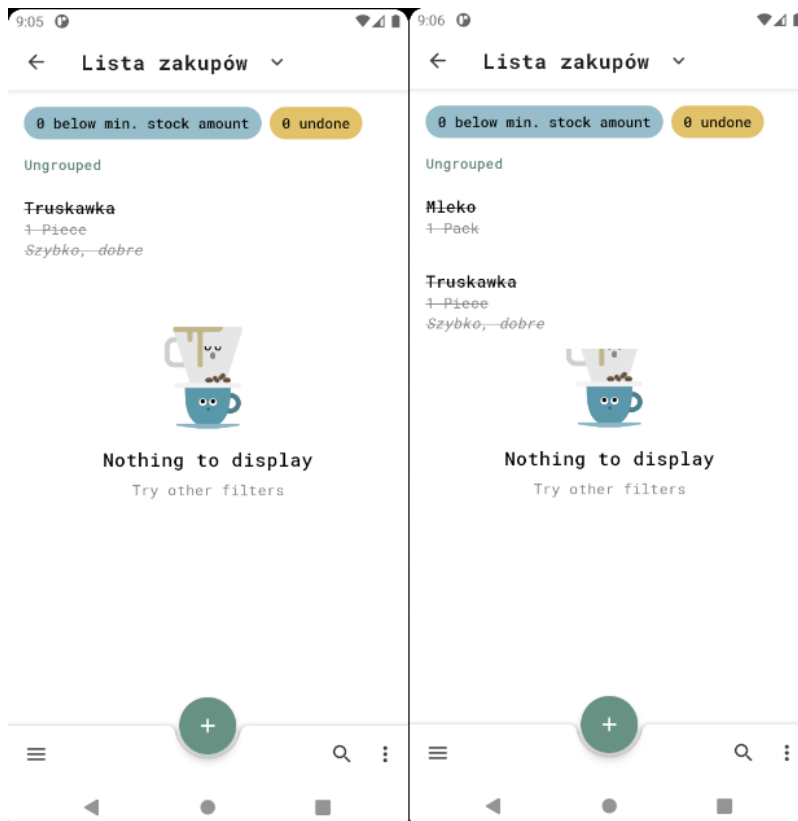
Description:
The user adds a product with an expiration date that day. In the *Stock overview* section, the number of products in the *expiring soon* section does not change. The *expiring soon* value updates for products whose expiration date is within five days of that day.
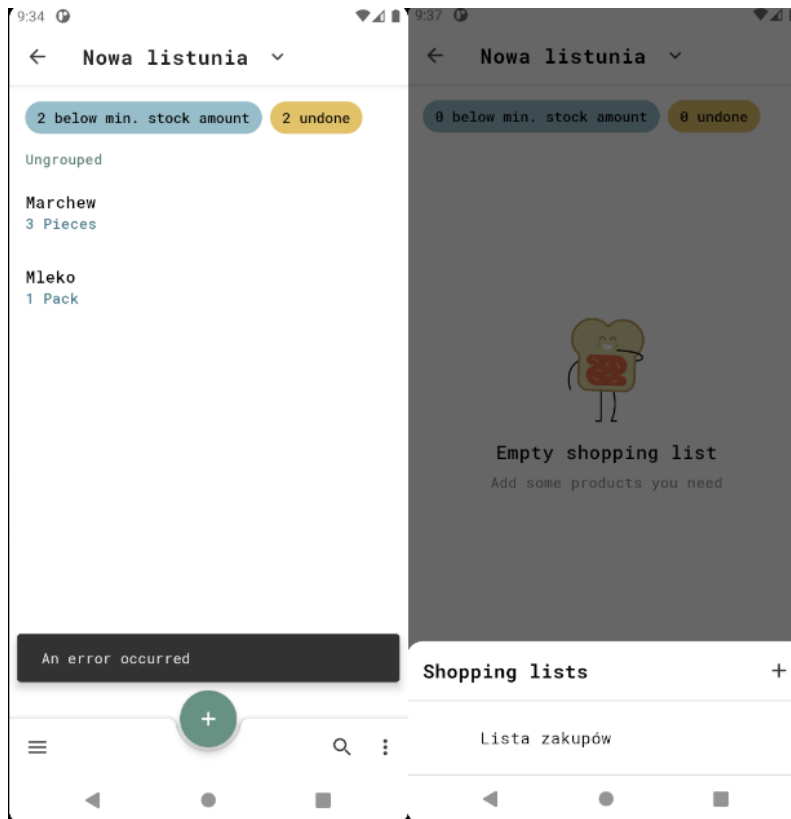
Description:
After opening a product, the user was given the option to open it again. After a failed attempt, an error message appears.
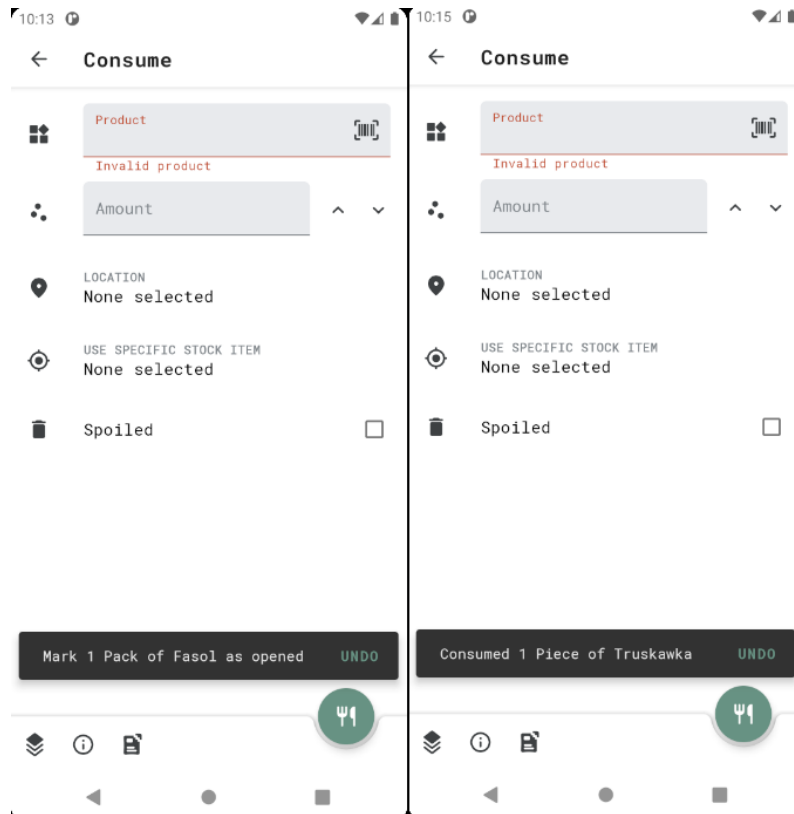
Description:
The user deletes from the shopping list all products that are on it. Then a picture with the message *Nothing to display* is displayed.

Description:

The user creates a new list (*"Nowa listunia"*) and adds some products to it. He then deletes it. The application takes the user to a screen with another existing list, but the deleted list is still in the list of all lists. When you select it and try to delete it again, the message *An error occurred*. From a non-existent shopping list, attempts to operate on products have undesired effects. Also, a new list that contains a user does not display in the shopping list.

Description:
The user opens/consumes a product from the *Consume* window of a product.
After the action is performed, an *Invalid product error* message is displayed.

Additional defects:

1. The user opens the product, then consumes it and executes $UNDO$. After this operation the product becomes closed. Therefore, not only the effect of the operation on which the $UNDO$ was performed, but also the previous one is withdrawn.

2. When adding a new product location, the user can check the *is freezer* checkbox. This does not entail any functionality.

3. The user wants to buy 1.5 kg of potatoes. But there is no possibility to enter the given amount of the product, because the application does not support fractional values.

4. The user makes a shopping list. He goes to the store. After going through the whole store he crossed off the list the products he found. The remaining items are not in that store and he has to go to another store. He can remove all the deleted products as part of updating his shopping list, but they will not go to the *Stock overview* section. You will have to add all your purchased products again.

5. The user adds a product with its expected minimum quantity on any shelf in the *Stock overview* section. When the quantity of that product is zero and the user swipes right on that product, he has the option to click the X button which does not bring any functionality.

6. The user is shopping on the basis of the shopping list. After clicking *Purchase all* items, the user can go through each product in turn, purchase it or move on, although there is no option to return to the previous product.

7. The user accidentally clicks *Delete shopping list*. There is no information about the consequences of performing this action and no window confirming the choice. The entire list is deleted, without the possibility of recovering the data.

2 Test report

2.1 Date of Report

14.01.2020

2.2 Title

Grocy application testing report.

2.3 Summary of activities performed

2.3.1 Devices and environments on which testing took place

1. Samsung Galaxy A50 (system operacyjny Android 10)

2. Samsung Galaxy J4+ (system operacyjny Android 9)

3. Lenovo ideapad 700-15ISK (Windows 10, Android Studio emulator for IntelliJ)

2.3.2 Application area tested

GUI application. Functional testing. Operating time 9-11h.

2.4 Summary of all failures

1. Incorrect application behaviour after undoing *consume* action.

   - Expected result: product opened but not consumed.
   - Result received: product closed and not consumed.

2. Incorrect quantity of product after the *consume* action.

   - Expected result: Number of products in the *Stock overview* section corresponds to the number of products in the *Product overview* section.
   - Result received: the product quantity in the *Stock overview* section does not match the product quantity in the *Product overview* section.

3. Incorrect message *Nothing to display* in the shopping list.

   - Expected result: all products in shopping list crossed out and no message.
   - Result received: all products in the shopping list crossed out, incorrect message displayed.

4. Incorrect display of products with today's expiration date in the expiring soon section.

- Expected result: product listed in section.

- Result received: no product in section.

5. Incorrect behavior of the application after executing the consume action in the *Consume* section.

   - Expected result: product consumed.

   - Result received: product consumed and *invalid product* message.

6. Incorrect application behavior after deleting a shopping list.

   - Expected result: shopping list deleted, default shopping list opened.

   - Result received: shopping list deleted, just deleted shopping list opened.

7. Incorrect operation of the product marking as expired.

   - Expected result: product marked as expired.

   - Result received: error message.

8. Product opening malfunction.

   - Expected result: after opening the product, it cannot be reopened.

   - Result received: after opening the product, the product can be reopened.

2.5   Summary of detected usability defects

1. The shopping list allows the user to enter the mode of browsing all products in this list. A purchase operation can be performed on any of them. While browsing the user does not have the option to go to the previous product.

2. The user has no possibility of undoing the operation of deleting the shopping list or recovering data after its deletion.

3. The application does not enable the user to add products in fractional quantities.

4. The application does not allow the user to purchase deleted products.

5. The app allows the user to add a product along with its minimum quantity (which should be on the user's shelf). These products are always displayed in *Stock overview* section. If the quantity of any of them is zero, an X button appears when you swipe right on the product. This does not provide any functionality.

6. When adding a new place for storing products, the user has an option to check the checkbox *is freezer*. This does not provide any functionality.

2.6 Summary of test completion criteria

We successfully completed the functional tests. We also found some usability defects during the testing process. We did not encounter any problems with the test environment. We were able to complete the testing process within the time frame that we established when creating the test plan.
The whole testing process went without any complications.

[GROC-2] / [GROC-4] Verify "expiring soon" subsection with product expiring today.

People

Assignee:	Anna Zyta Misiewicz
Reporter:	Julia Agnieszka Cichosz

Dates

Created:	05/gru/20 5:07 PM
Updated:	16/sty/21 10:05 AM

Details

Type:	Test Case
Priority:	Medium
Component/s:	None
Labels:	None

Resolution:	None

Test Management

TC Status:	Fail
Steps Progress:	100%

Requirement:	GROC-3
TC Template:	None

Description

None

Preconditions

None

Steps

#	Action	Input	Expected result	Status
1	Open Stock overview section.		Section Stock overview opened.	Pass
2	Click the button representing options menu on the down left corner.		Options menu opened.	Pass
3	Click "Purchase" button.		Purchase section opened.	Pass
4	Input all of the required information considering current date in the subsection "Best before date".		All information provided.	Pass
5	Click shopping cart icon to purchase the product.		Product purchased.	Pass
6	Click yellow expiring soon button.		List of items including new purchased item.	Fail

Attachments

2-notUpdateingExpiringSoon.png

1

[GROC-2] / [GROC-25] Verify spoiled function

People

Assignee:	Anna Zyta Misiewicz
Reporter:	Julia Agnieszka Cichosz

Dates

Created:	06/sty/21 4:25 PM
Updated:	16/sty/21 10:06 AM

Details

Type:	Test Case
Priority:	Medium
Component/s:	None
Labels:	None

Resolution:	None

Test Management

TC Status:	Fail
Steps Progress:	100%

Requirement:	GROC-3, GROC-6
TC Template:	None

Description

None

Preconditions

None

Steps

#	Action	Input	Expected result	Status
1	Open Stock overview section.		Stock overview section opened.	Pass
2	Click on the product.		Product overview section opened.	Pass
3	Click the dots button .		Options menu opened.	Pass
4	Click "mark as spoiled" button.		Item marked as spoiled (no error occured).	Fail

[GROC-2] / [GROC-5] Verify possibility to open an opened product

People

Assignee:	Julia Agnieszka Cichosz		
Reporter:	Julia Agnieszka Cichosz		

Dates

Created:	05/gru/20 5:38 PM
Updated:	16/sty/21 10:06 AM

Details

Type:	Test Case	**Resolution:**	None
Priority:	Medium		
Component/s:	None		
Labels:	None		

Test Management

TC Status:	Fail	**Requirement:**	GROC-3, GROC-6
Steps Progress:	100%	**TC Template:**	None

Description

None

Preconditions

None

Steps

#	Action	Input	Expected result	Status
1	Open Stock overview section.		Stock overview section opened.	Pass
2	Drag product icon to the right.		Two option buttons revealed.	Pass
3	Clik open product button.		Product opened.	Pass
4	Drag product icon to the right.		One option button revealed (there is no "open product" button).	Fail

Attachments

4-anErrorAfterClickingOnOpenButton.png

1

[GROC-2] / [GROC-8] Verify "Invalid product" warning in the consume section

People

Assignee:	Julia Agnieszka Cichosz	
Reporter:	Klaudia Weronika Goska	

Dates

Created:	06/gru/20 9:48 AM
Updated:	16/sty/21 10:06 AM

Details

Type:	Test Case	
Priority:	Medium	
Component/s:	None	
Labels:	None	

Resolution:	None

Test Management

TC Status:	**Fail**	
Steps Progress:	100%	

Requirement:	GROC-3, GROC-6
TC Template:	None

Description

None

Preconditions

None

Steps

#	Action	Input	Expected result	Status
1	Click the options menu button on the left down corner.		Options menu opened.	Pass
2	Click Consume section.		Consume section opened.	Pass
3	Input all of the required information.		All information provided.	Pass
4	Click the cutlery button on the right down corner.		Product consumed (no "Invalid product" warning).	Fail

Attachments

8-warrrningInvalidProductAfterOperationConsumeWindow.png

[GROC-2] / [GROC-9] Verify deletion of the shopping list

People

Assignee:	Julia Agnieszka Cichosz
Reporter:	Klaudia Weronika Goska

Dates

Created:	06/gru/20 10:00 AM
Updated:	16/sty/21 10:06 AM

Details

Type:	🧪 Test Case
Priority:	🟰 Medium
Component/s:	None
Labels:	None

Resolution:	None

Test Management

TC Status:	**Fail**
Steps Progress:	100%

Requirement:	GROC-3
TC Template:	None

Description

None

Preconditions

None

Steps

#	Action	Input	Expected result	Status
1	Click the options menu button on the left down corner.		Options menu opened.	Pass
2	Open Shopping list section.		Shopping list section opened.	Pass
3	Click on the shopping list's name.		Shopping lists section opened.	Pass
4	Click the adding button.		Adding section opened.	Pass
5	Input the new list's name and click the button on the right down corner.		New list section opened.	Pass
6	Click the adding button to add new item to the list.		Adding section opened.	Pass
7	Input all of the required information.		All information provided.	Pass
8	Click the button on the right down corner.		New item added.	Pass
9	Click the dots button on the right down corner.		Shopping list's options menu opened.	Pass
10	Click "Delete shopping list" button.			

Shopping list deleted. Default shopping list opened (deleted list is not on the list of shopping lists).

Fail

Attachments

7-problemsWithDeletingShopingList.png

[GROC-2] / [GROC-1] Verify amount of product after consumption

People

Assignee:	Klaudia Weronika Goska		
Reporter:	Klaudia Weronika Goska		

Dates

Created:	03/gru/20 3:00 PM
Updated:	06/sty/21 4:54 PM

Details

Type:	Test Case	**Resolution:**	None
Priority:	High		
Component/s:	None		
Labels:	None		

Test Management

TC Status:	Fail	**Requirement:**	GROC-3
Steps Progress:	100%	**TC Template:**	None

Description

None

Preconditions

None

Steps

#	Action	Input	Expected result	Status
1	Open Stock overview section.		Stock overview section opened.	Pass
2	Add two packs of milk.		Two packs of milk added.	Pass
3	Consume two packs of milk.		Two packs of milk consumed.	Pass
4	Open Product overview section.		Product overview section opened.	Pass
5	Check amount of milk in Stock overview section.		Amount in section Stock overview is equal to amount in section Product overview.	Fail

Attachments

1-badAmount.png

[GROC-2] / [GROC-7] Verify visibility of the popup picture in the shopping list section

People

Assignee:	Anna Zyta Misiewicz
Reporter:	Klaudia Weronika Goska

Dates

Created:	06/gru/20 9:10 AM
Updated:	16/sty/21 10:05 AM

Details

Type:	🧪 Test Case
Priority:	🔺 High
Component/s:	None
Labels:	None

Resolution:	None

Test Management

TC Status:	**Fail**
Steps Progress:	100%

Requirement:	GROC-3
TC Template:	None

Description

None

Preconditions

None

Steps

#	Action	Input	Expected result	Status
1	Open the options menu button on the left down corner.		Options menu opened.	Pass
2	Open the Shopping list section.		Shopping list section opened.	Pass
3	Click the adding button to add new item to the list.		Adding section opened.	Pass
4	Input all of the required information.		All information provided.	Pass
5	Click the button on the right down corner.		New item added.	Pass
6	Drag to the right and click the check button.		Item on the list crossed out (there is no "Nothing to display" picture).	Fail

Attachments

5-showingPictureNothingToDisplayShopingListWrongMoment.png

[GROC-2] / [GROC-10] Verify undoing consume action version 1

People

Assignee:	Anna Zyta Misiewicz		
Reporter:	Klaudia Weronika Goska		

Dates

Created:	06/gru/20 10:22 AM
Updated:	16/sty/21 10:04 AM

Details

Type:	🧪 Test Case	**Resolution:**	None
Priority:	⬆ Highest		
Component/s:	None		
Labels:	None		

Test Management

TC Status:	**Fail**	**Requirement:**	GROC-3, GROC-6
Steps Progress:	100%	**TC Template:**	None

Description

None

Preconditions

None

Steps

#	Action	Input	Expected result	Status
1	Open Stock overview section.		Stock overview section opened.	Pass
2	Drag to the right.		Two buttons revealed.	Pass
3	Click "open product" button.		Product opened.	Pass
4	Drag to the right.		One button revealed.	Pass
5	Click the cutlery button and click undo button on popup window.		Product opened and not consumed.	Fail