

INSTRUCTOR: DR. MUNA THERWI

EBQA'A

CCSW315(15692):  
Software Process Models



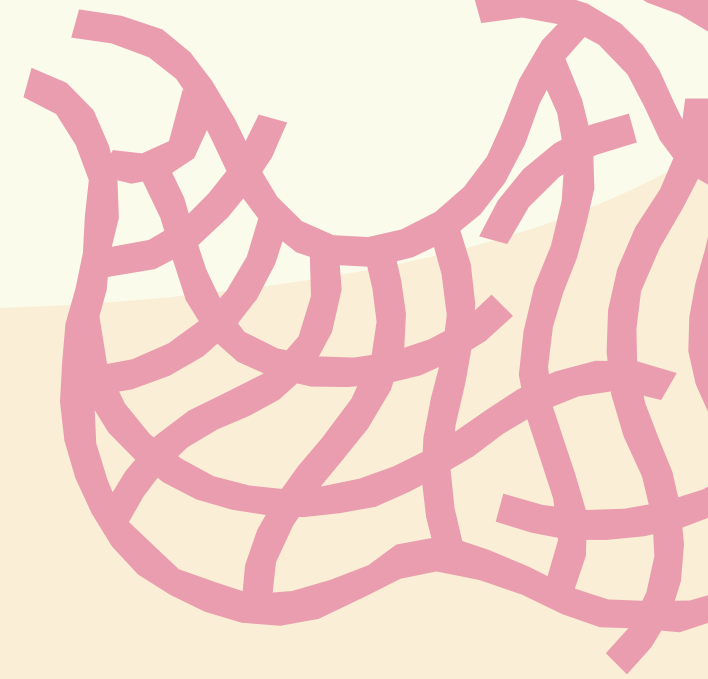
SECTION: SA7/B7

# *TOPICS COVERED IN THIS PRESENTA- TION:*

- WHAT IS EBQA'A?
- DEMO
- THE APPLICATION
- LESSONS LEARNED
- METHODOLOGY USED
- PROJECT  
MANAGEMENT TOOL

# WHAT IS EBQA'A?

Ebqa'a isnt just a university project, it's a lifestyle, and a mentality !



# Project description:

Ebqa'a is a food and pharmaceutical tracking application that allows users to track, sort, and filter the expiration dates of their food and medications. The app collects information such as the item's expiration date and name. It also has sorting and filtering options, as well as push notifications.



# Problem definition:



Food waste and medication mishandling are both widespread problems with significant consequences.

Many people fail to notice when their food and medications expire, resulting in waste and potential health hazards.

# Proposed solution:

To address this issue, we propose Ebqa'a; a food and medication tracking app that allows users to conveniently track, sort, and filter expiration dates.



# SPRINTS



## SPRINT 1

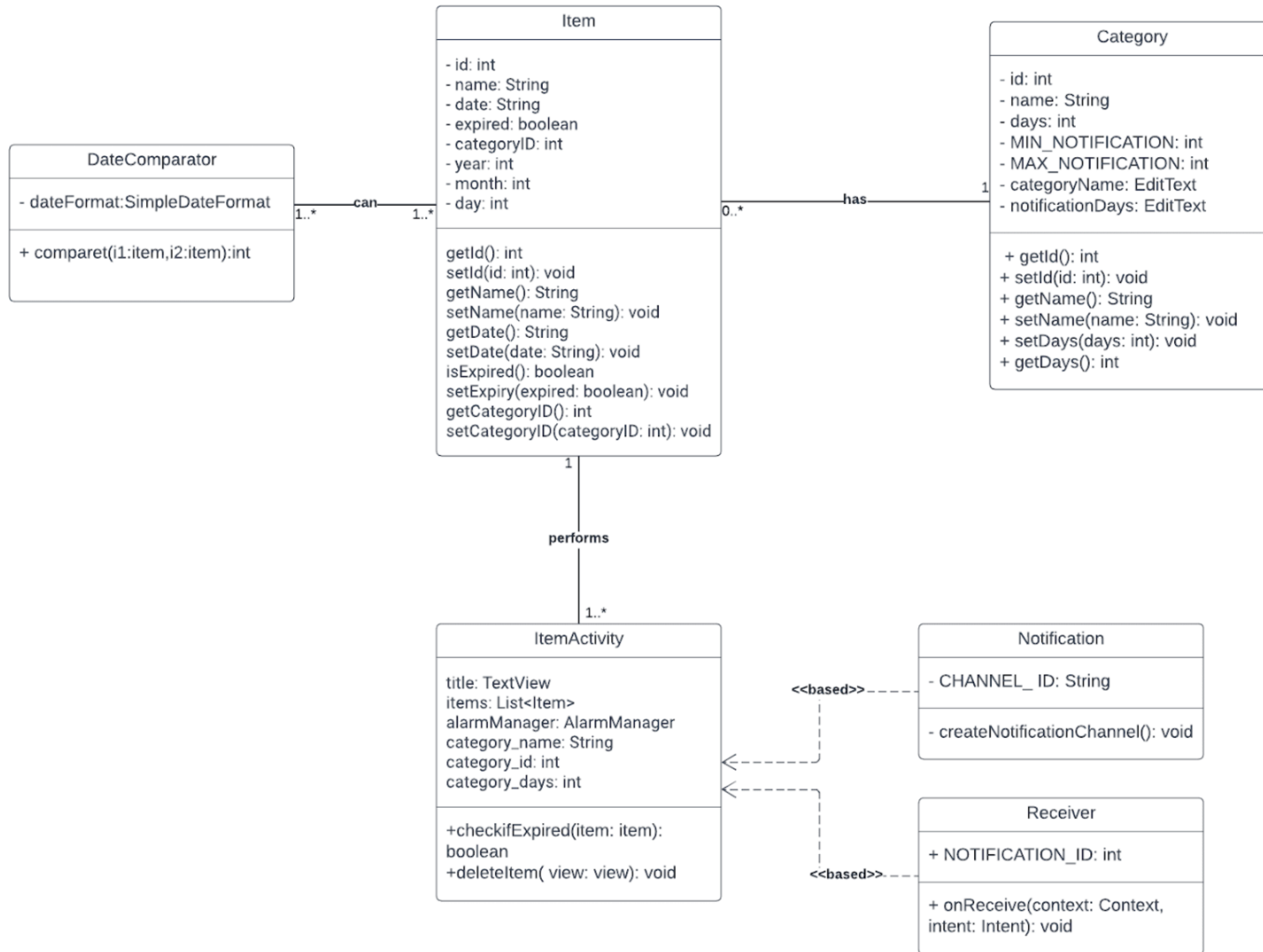
The app must allow users to register food and medicine items by providing the item name and expiration date. Users should be able to easily input the expiration date of each item using a date picker.

## SPRINT 2

The app must continuously monitor and track the expiration dates of registered items. Prior to the expiration date, the app should send timely notifications to the user, reminding them of approaching expirations.

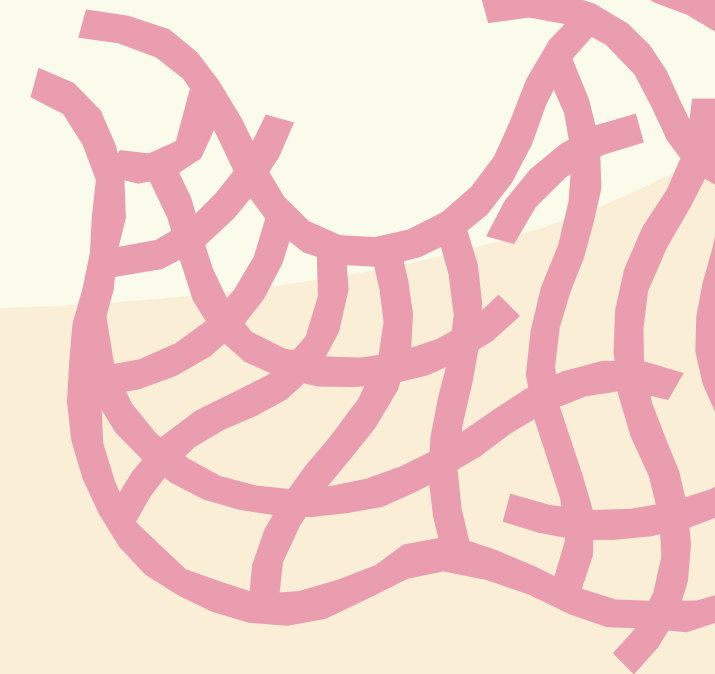
## SPRINT 3

The app must provide an automatic sorting and filtering feature to organize the items based on their expiration dates. Users should be able to view a list or grid of items sorted in ascending or descending order of expiration dates.

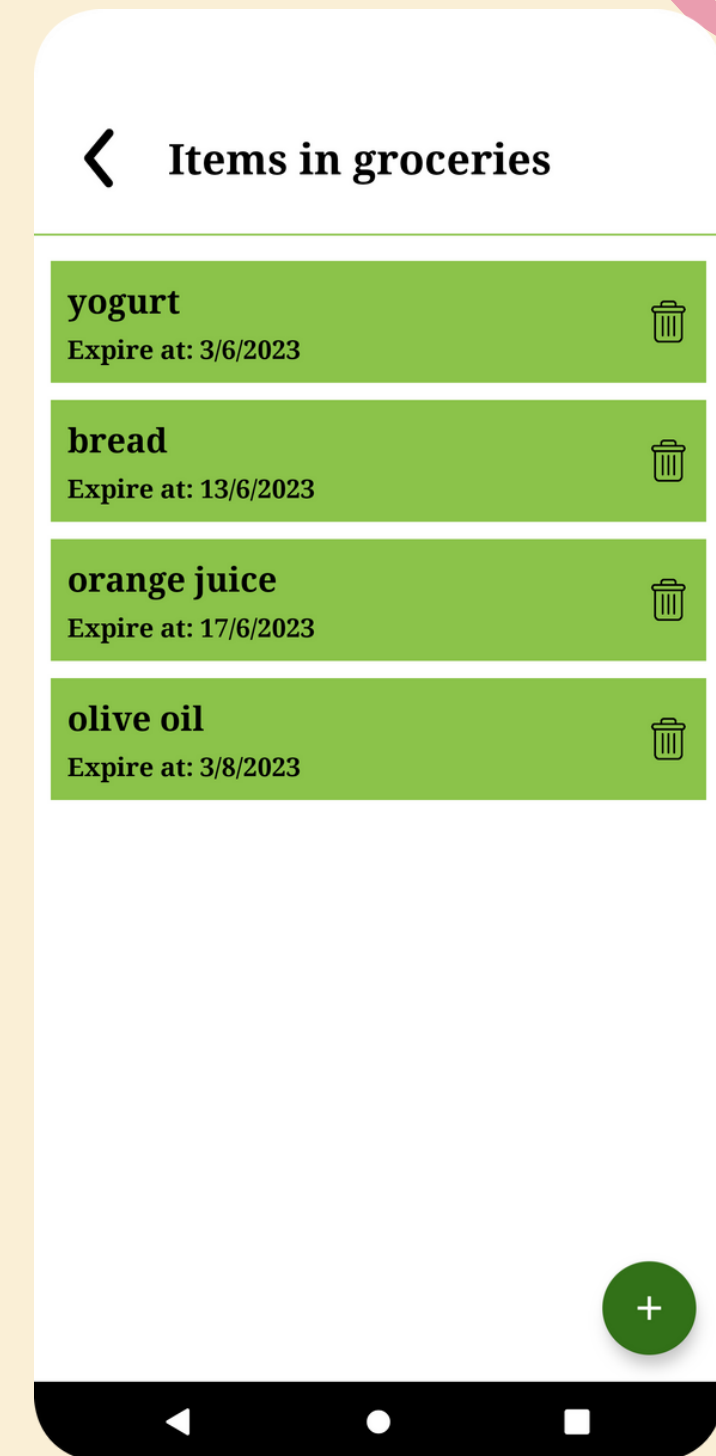
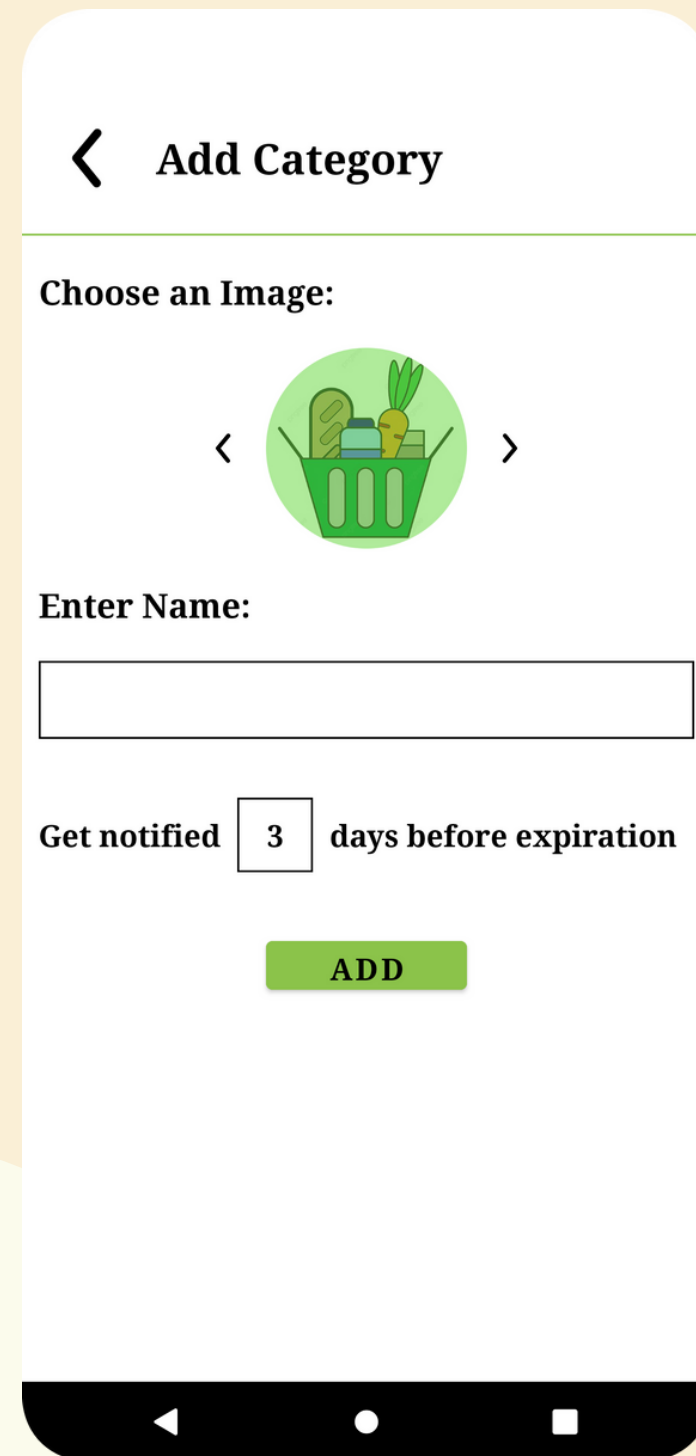
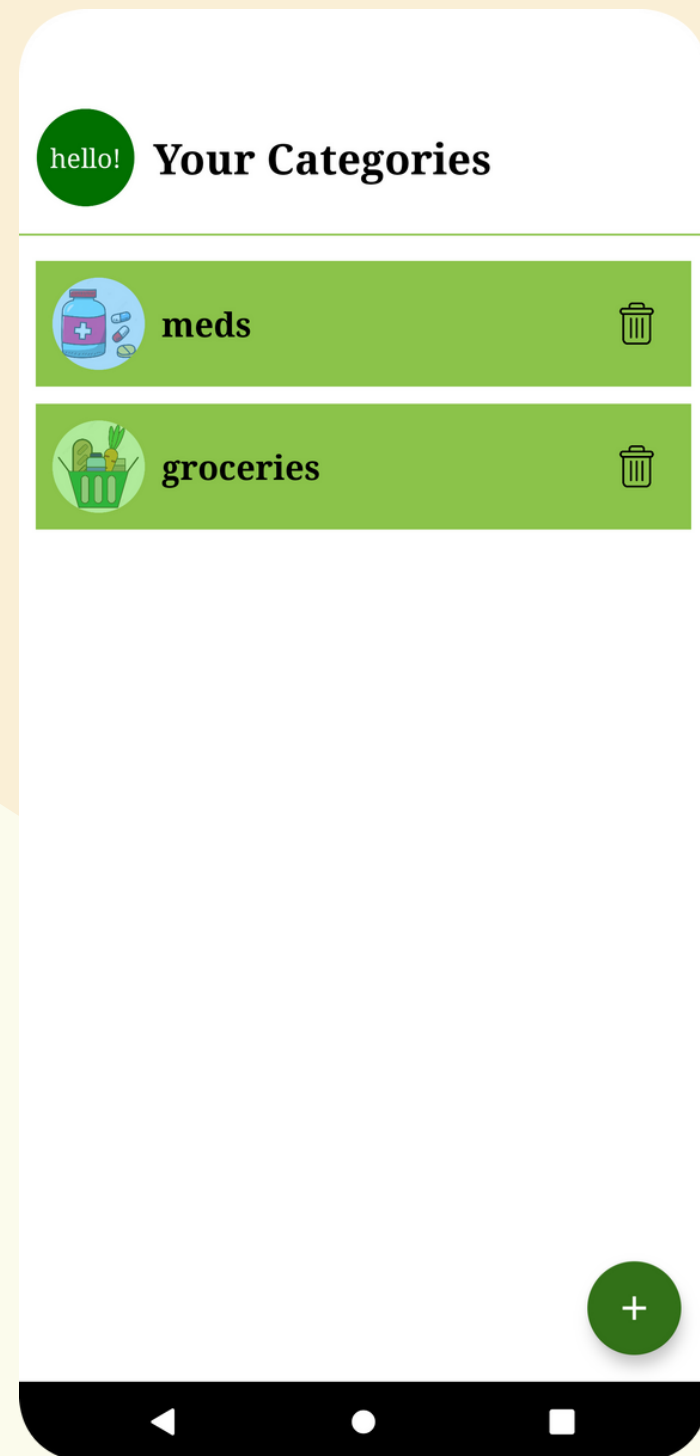





# DEMO



# THE APPLICATION





# THE APPLICATION

 **Add Item**

Enter Name:

Enter Expiry Date:







breadth bread breads

q w e r t y u i o p

a s d f g h j k l


↑ z x c v b n m

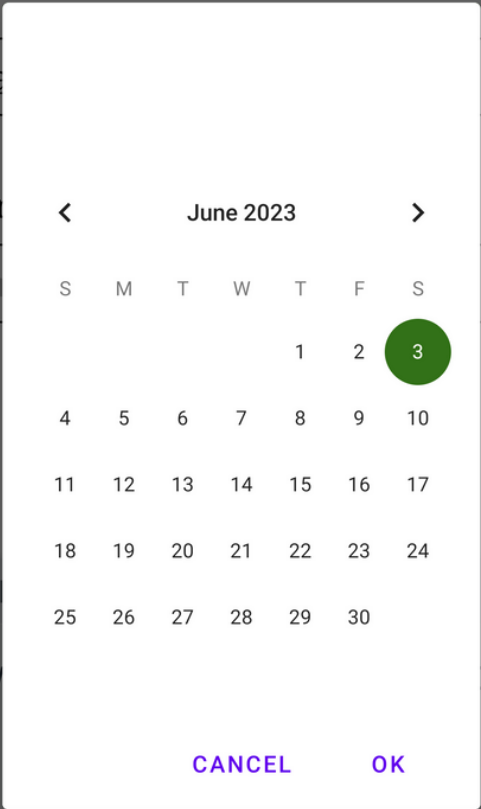
?123 , . 

 **Add Item**

Enter Name:

Enter Expiry Date:











CANCEL OK

9:42

Tue, May 23


**Notifications**

bread

● Forget Me Not • now


**Ebqaa: An item is expiring soon!**  
yogurt will expire in 1 days.

**Silent**

 Android System

**Serial console enabled**  
Performance is impacted. To disable, check bootloader.

Manage Clear all



# LESSONS LEARNED



what went  
well?

what went  
wrong?

How to  
improve?

# METHODOLOGY USED



Due to its many advantages over other agile development methodologies, we chose the **scrum methodology**. In the software industry, it is currently the most popular and reliable framework of reference. Our team finds it simpler to concentrate on specific functionalities for each period because Scrum processes are iterative and handled within defined work periods.

# PROJECT MANAGEMENT TOOL



We implemented and used the (Jira) tool in the project, which allowed us to track the tasks and progress of each element and thus manage the delivery across the different project phases of the project.

Your work

▼

Projects

▼

Filters

▼

Dashboards

▼

Teams

▼

Apps

▼

Create

Q

Search

?

R

Ebqa'a

Software project

PLANNING

Roadmap

Backlog

Board

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

Projects / Ebqa'a

Backlog

Q

R

RM

JA

FD

NM

+

Epic

▼

Type

▼

Insights

▼

EB SPRINT 3

1 Jun – 3 Jun

(5 issues)

0

0

0

Complete sprint

✓

EB-51

Test Cases

DONE

▼

FD

✓

EB-52

Activity Diagram

DONE

▼

R

✓

EB-53

Sequence Diagram

DONE

▼

NM

✓

EB-54

Implementation + Testing

DONE

▼

JA

✓

EB-55

Sprint Meeting

DONE

▼

RM

+

Create issue

▼

✓

REQUIREMENTS

✓

Add dates

(3 issues)

0

0

0

Start sprint



**Ebqa'a**  
Software project

PLANNING



Roadmap



Backlog



Board

DEVELOPMENT



Code



Project pages



Add shortcut



Project settings

You're in a team-managed project

[Learn more](#)

Projects / Ebqa'a

# EB SPRINT 3



0 days remaining

Complete sprint



R

FD

NM

JA

RM



GROUP BY

None



Insights

TO DO

IN PROGRESS

DONE 5 ISSUES



Test Cases



EB-51



FD

Activity Diagram



EB-52



R

Sequence Diagram



EB-53



NM

Implementation + Testing



EB-54



JA

Sprint Meeting



EB-55



Quickstart







# Thank you!

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Reem Almezeal <3

