

GROCERY MOBILE APP PROJECT

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| Project: | Grocery mobile app |
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| Date | 12/12/2021 |

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1. INTRODUCTION

a. Purpose of the document

This document describes user stories and its related scenarios, project backlog document with task priorities and their rationales, use case diagrams for the defined scenarios, graphical interface and test cases.

b. Project Summary

| | |
|-------------------------|---------------------------|
| Project Name: | Grocery App |
| Project Owner: | Doğukan Güler |
| Product Manager: | Abdurrahman Bulut |
| | Mete Gonca |
| Developers: | Abdullah Muhemmet Yiğit |
| | Muhammed Alperen Karacete |

2. WHAT IS THE GROCERY APP?

- ➡ This project is a mobile application that provides grocery shopping.
- ➡ The main goal is to provide costumers to see and buy products before they come to the market and to send notification when the products are ready.

3. USER STORIES AND RELATED SCENARIOUS

USER STORIES

First Story

Ekrem lives in Istanbul and he has a local grocery. He thinks that he is not able to show himself in this business because there are too many supermarkets and some applications like Getir that can attract the customer's attention. For this reason, Ekrem was looking for an online application where he can introduce her field and people can make shopping from his field so he thinks he can promote his site and find more customers.

One day, a customer offered that he must make a software project and he can make a mobile application that people can do online shopping by signing up, get special offer from him grocery and pay him/his order online for his grocery. Ekrem gladly accepted his offer and he told him what he expects from the application which are managing number of products, send notifications to customers and see the given orders properly.

After a while, he got the application and start using it. During this time, his work is increased and started to earn better.

Second Story

Sevda lives in Erzurum. There is a grocery in her neighbourhood and she always does shopping from there. She is an engineer and she work a lot during the day so when she returns home from her workplace, she gets exhausted. Sometimes she is too lazy to do shopping because she wastes a lot of time at grocery while choosing products.

One day, she had an idea which is an application about online shopping. She suggested her idea to grocery's owner. She explained the application's features which are online shopping by signing up, categorized products, previous orders, favourite products, and product search. The idea sounded reasonable to the owner and owner thank to her for this idea. After that owner adds some features which are managing products, send notifications to customers, see the given orders properly and some special offers to this idea and made it to him friend who is a computer engineer.

After a while, he got the application and start using it. During this time, most of neighbourhood members download and start use this application and they were satisfied.

USER SCENERIOUS

USER SCENARIO 1

Title: Previous Order

Initial assumption: As a user, I want to see my orders that I have already ordered. First of all the user must sign in the application and go to profile page. Then previous order tab will appear on the screen .He/she should press the tab and all previous orders of he/she gave will appear on screen. Pressing one of the previous order, shows details of it.

Normal: The user first sign in the application. When you log in, the application will automatically redirect you to the home page. At the bottom of the home page, there is an account page selection. He/she needs to click on the Account selection. There is a Previous Order tab on his Account page. He/she needs to click on the Previous Order tab. The previous orders will appear in the Previous Order tab. The only thing he/she needs to do to click a previous order and see what did he/she order.

What can go wrong: Order don't appear in Previous Order Page until user get his/her order.

System state on completion: When the user wants to see previous order, the system finds the user and user's information's. Then prints the user's previous orders on the screen.

USER SCENARIO 2

Title: Search Item

Initial assumption: As a user, I want to search an item from all items. First of all the user must sign in the application and go to search page. Then a search button will appear on the screen. He/she should press the button and write the item he/she want to search. Item will be appear on the screen.

Normal: The user first sign in the application. When you log in, the application will automatically redirect you to the home page. At the bottom of the home page, there is an Search Page selection. He/she needs to click on the Search Page selection. There is a Search Button on the Search Page. He/she needs to click on Search Button and write an item. The item will appear on the screen. The only thing he/she needs to do add the item to his/her cart.

What can go wrong: The product user searched may out of stock and user can't see it.

System state on completion: When the user wants to search an item, the system finds item from all of items. Then prints the item user want on the screen.

USER SCENARIO 3

Title: Google Sign In

Initial assumption: As a user, I want to sign in to the application with my Google Account. First of all the user must open the application. Then login screen will appear on the screen. He/she should press the Google Sign in Button.

Normal: The user first open the application. The application will automatically redirect you to the Login Page. At the below of the Login Button, there is a Google Sign In Button. He/she needs to click on the Google Sign in Button. Then user's Google Accounts will appear on the screen. The only thing he/she needs to do select one of his/her Google Account to login.

What can go wrong: User may have an issue if there is a problem at Google servers.

System state on completion: When the user wants to Google Sign In, the system adds his/her Goggle Account to the database. Then allows the user sign in with a Google Account.

USER SCENARIO 4

Title: Add and Remove Products in Cart

Initial assumption: As a user, I want to add or remove a product in my cart. First of all the user must sign in the application and go to cart page. Then the products he/she select will appear on the screen. He/she should press add or remove buttons to add or remove a product. Total price will change according to operation.

Normal: The user first sign in the application. When you log in, the application will automatically redirect you to the home page. At the bottom of the home page, there is an Cart Page selection. He/she needs to click on the Cart Page selection. There are add and remove buttons below the added products in cart. He/she needs to click on add or remove button to add or remove a product. The total cost of cart and number of products he/she changed will be change.

What can go wrong: The product user searched may out of stock so he/she can't add that product.

System state on completion: When the user wants to add or remove a product, the system finds the product he/she want to change number of a product and changes the number of product in his/her cart. Then prints the modified cart on the screen.

USER SCENARIOS 5

Title: Online Payment

Initial assumption: As a user, I want to pay my order online. First of all the user must sign in the application and go to cart page. Then his/her cart will appear on the screen . He/she should press the order button and a payment selection will appear on the screen. He/she should select online payment.

Normal: The user first sign in the application. When you log in, the application will automatically redirect you to the home page. At the bottom of the home page, there is an Cart Page selection. He/she needs to click on the Cart Page selection. There is a Order Button on his/her cart. He/she needs to click on Order Button. The payment selection will appear on the screen. The only thing he/she needs to do select online payment and select his/her added credit card. If he/she did not add a credit card, then a screen will appear to get a credit card's information to online payment

What can go wrong: If user has not enough balance at his/him credit card, he/she can't pay his order.

System state on completion: When the user wants to online payment, the system finds/gets a credit card from user. Then performs the online payment.

USER SCENARIOS 6

Title: Manage Products

Initial assumption: As an administrator, I want to manage products. First of all the admin must sign in the site and go to products page .He/she can see the remaining products.

Normal: The admin first open the website. The website will automatically redirect you to the Login Page. After login there is a Products Tab on the left of website. He/she needs to click on the Products Tab. Then remaining products will appear on the screen.

What can go wrong: If any product out of stock, admin must provide those products. If also provider has no from those products, customers can't buy those products.

System state on completion: When the admin wants to manage products, the system shows the remaining product to the admin.

USER SCENARIOS 7

Title: See Given Orders

Initial assumption: As a cashier, I want to see given orders. First of all, the cashier must sign in the application. He/she can see given orders.

Normal: The cashier first open the application. The application will automatically redirect you to the Today's Order Page. Then today's orders will appear on the screen.

What can go wrong: There may be a delay about appearing orders at Given Order's Page.

System state on completion: When the cashier wants to see given orders, the system finds given orders from database. Then prints the given orders on the screen.

4. BACKLOG

a. Product Backlog

| | User story | Story point(s) | Priority |
|---------------|---|----------------|----------|
| High priority | As a Customer, i need to add and remove products in cart | 6 | 1 |
| | As an Administrator, i need to know the number of remaining products | 3 | 2 |
| | As an Administrator, i need to send a notification to customers | 4 | 3 |
| | As a Cashier, i need to get a notification when a customer applies an order | 4 | 4 |
| | As a Customer, i need to sign in with Google account | 2 | 5 |
| | As a Customer, i need to have online payment option | 8 | 6 |
| | As an Administrator, i need to give special offers at upper home screen | 6 | 7 |
| | As a Customer, i need to have a search button search products that I want | 2 | 8 |
| | As a Customer, i need to see previous orders | 2 | 9 |
| | As an Administrator, i need to see addresses of customers | 2 | 10 |
| Low priority | As an Administrator, i need to see scores of customers | 4 | 11 |
| | As an Administrator, i need to have a live support | 3 | 12 |

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|--|-------------------|------------------------|------------------|---------------|-----------------|
| [TSE-2] User Login Screen Created: 19/Eki/21 Updated: 07/Kas/21 Resolved: 02/Kas/21 | | | | | |
| Epic: User Authentication | | | | | |
| Status: | Done | | | | |
| Project: | TheSeverus | | | | |
| Type: | Story | | Priority: | Expedite | |
| Reporter: | Abdurrahman BULUT | | Assignee: | Doğukan Güler | |
| Sub-tasks: | Key | Summary | Type | Status | Assignee |
| | TSE-40 | button style | Subtask | Done | Doğukan Güler |
| | TSE-41 | input design | Subtask | Done | Doğukan Güler |
| | TSE-42 | add google icon | Subtask | Done | Doğukan Güler |
| | TSE-43 | add remember me option | Subtask | Done | Doğukan Güler |
| Sprint: | SV1 | | | | |
| Story point estimate: | 4 | | | | |

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|---|-------------------|--|------------------|-------------------|--|
| [TSE-3] App icon Created: 19/Eki/21 Updated: 02/Kas/21 Resolved: 02/Kas/21 | | | | | |
| Epic: Issues Without Epic | | | | | |
| Status: | Done | | | | |
| Project: | TheSeverus | | | | |
| Type: | Story | | Priority: | Medium | |
| Reporter: | Abdurrahman BULUT | | Assignee: | Abdurrahman BULUT | |

| Sub-tasks: | Key | Summary | Type | Status | Assignee |
|-----------------------|--------|---------------------------|---------|--------|-------------------|
| | TSE-18 | design and cut image file | Subtask | Done | Abdurrahman BULUT |
| | TSE-48 | add image to project | Subtask | Done | Abdurrahman BULUT |
| Sprint: | SV1 | | | | |
| Story point estimate: | 2 | | | | |

| [TSE-4] User Register screen Created: 23/Eki/21 Updated: 07/Kas/21 Resolved: 02/Kas/21 | | | | | |
|---|-------------------|-------------------------------|-----------|-------------------------|-------------------------|
| Epic: User Authentication | | | | | |
| Status: | Done | | | | |
| Project: | TheSeverus | | | | |
| Type: | Story | | Priority: | Expedite | |
| Reporter: | Abdurrahman BULUT | | Assignee: | Abdullah Muhammet Yiğit | |
| Sub-tasks: | Key | Summary | Type | Status | Assignee |
| | TSE-44 | add icons to inputboxes | Subtask | Done | Abdullah Muhammet Yiğit |
| | TSE-45 | signup button style | Subtask | Done | Abdullah Muhammet Yiğit |
| | TSE-46 | add signup with google button | Subtask | Done | Abdullah Muhammet Yiğit |
| | TSE-47 | input design | Subtask | Done | Abdullah Muhammet Yiğit |
| Sprint: | SV1 | | | | |
| Story point estimate: | 4 | | | | |

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|---|-------------------|------------------------|------------------|---------------|-------------------|
| [TSE-5] Forgot Password workflow Created: 23/Eki/21 Updated: 08/Kas/21 Resolved: 08/Kas/21 | | | | | |
| Epic: User Authentication | | | | | |
| Status: | Done | | | | |
| Project: | TheSeverus | | | | |
| Type: | Story | | Priority: | Not critical | |
| Reporter: | Abdurrahman BULUT | | Assignee: | Mete Gonca | |
| Sub-tasks: | Key | Summary | Type | Status | Assignee |
| | TSE-57 | forgot password screen | Subtask | Done | Abdurrahman BULUT |
| Sprint: | SV1 | | | | |
| Story point estimate: | 4 | | | | |

[TSE-6] Google login support

Created: 23/Eki/21Updated: 02/Kas/21Resolved: 02/Kas/21

Epic: User Authentication

Status:

Done

Project:

TheSeverus

Type:

Story

Priority:

Not critical

Reporter:

Abdurrahman BULUT

Assignee:

Alperen Karaçete

Sprint:

SV1

Story point estimate:

2

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|--|-------------------|------------------|-------------------|
| [TSE-7] Splash screen Created: 23/Eki/21 Updated: 02/Kas/21 Resolved: 02/Kas/21 | | | |
| Epic: Issues Without Epic | | | |
| Status: | Done | | |
| Project: | TheSeverus | | |
| Type: | Story | Priority: | Low priority |
| Reporter: | Abdurrahman BULUT | Assignee: | Abdurrahman BULUT |
| Sprint: | SV1 | | |
| Story point estimate: | 2 | | |

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|--|-------------------|------------------|-------------|-------------------|-------------------|
| [TSE-8] Introduction page Created: 29/Eki/21 Updated: 02/Kas/21 Resolved: 02/Kas/21 | | | | | |
| Epic: Issues Without Epic | | | | | |
| Status: | Done | | | | |
| Project: | TheSeverus | | | | |
| Type: | Story | Priority: | | Medium | |
| Reporter: | Abdurrahman BULUT | Assignee: | | Abdurrahman BULUT | |
| Sub-tasks: | Key | Summary | Type | Status | Assignee |
| | TSE-12 | button design | Subtask | Done | Abdurrahman BULUT |
| | TSE-13 | show only once | Subtask | Done | Abdurrahman BULUT |
| Sprint: | SV1 | | | | |
| Story point estimate: | 3 | | | | |

| [TSE-14] Setup GitHub project repo Created: 02/Kas/21 Updated: 02/Kas/21 Resolved: 02/Kas/21 | | | |
|--|-------------------|------------------|-------------------|
| Epic: Issues Without Epic | | | |
| Status: | Done | | |
| Project: | TheSeverus | | |
| Type: | Task | Priority: | Low priority |
| Reporter: | Abdurrahman BULUT | Assignee: | Abdurrahman BULUT |
| Sprint: | SV1 | | |
| Story point estimate: | 1 | | |

| [TSE-15] Firebase connection Created: 02/Kas/21 Updated: 08/Kas/21 Resolved: 07/Kas/21 | | | |
|--|-------------------|------------------|--------------|
| Epic: User Authentication | | | |
| Status: | Done | | |
| Project: | TheSeverus | | |
| Type: | Task | Priority: | Low priority |
| Reporter: | Abdurrahman BULUT | Assignee: | Mete Gonca |
| Sprint: | SV1 | | |
| Story point estimate: | 2 | | |

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|---|-------------------|--|------------------|------------------|-------------------|
| [TSE-23] Account page design Created: 07/Kas/21 Updated: 09/Kas/21 Resolved: 09/Kas/21 | | | | | |
| Epic: Dashboard | | | | | |
| Status: | Done | | | | |
| Project: | TheSeverus | | | | |
| Type: | Story | | Priority: | Expedite | |
| Reporter: | Abdurrahman BULUT | | Assignee: | Alperen Karaçete | |
| Sub-tasks: | Key | Summary | Type | Status | Assignee |
| | TSE-31 | sign out button | Subtask | Done | Alperen Karaçete |
| | TSE-49 | add buttons for profile, previous but... | Subtask | Done | Alperen Karaçete |
| | TSE-50 | add icons for tabs | Subtask | Done | Alperen Karaçete |
| | TSE-56 | add close app button | Subtask | Done | Abdurrahman BULUT |
| Sprint: | SV2 | | | | |
| Story point estimate: | 4 | | | | |

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|--|-------------------|----------------|------------------|-------------------------|-----------------|
| [TSE-24] profile page Created: 07/Kas/21 Updated: 08/Kas/21 Resolved: 08/Kas/21 | | | | | |
| Epic: Dashboard | | | | | |
| Status: | Done | | | | |
| Project: | TheSeverus | | | | |
| Type: | Story | | Priority: | Medium | |
| Reporter: | Abdurrahman BULUT | | Assignee: | Abdullah Muhammet Yiğit | |
| Sub-tasks: | Key | Summary | Type | Status | Assignee |
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|------------------------------|--------|---|---------|------|-------------------------|
| | TSE-26 | show name, surname, show username, email and phone number | Subtask | Done | Abdullah Muhammet Yiğit |
| | TSE-27 | add profile picture | Subtask | Done | Abdullah Muhammet Yiğit |
| | TSE-28 | add edit profile btn and change password btn | Subtask | Done | Abdullah Muhammet Yiğit |
| Sprint: | SV2 | | | | |
| Story point estimate: | 3 | | | | |

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|---|-------------------|---------------------------|------------------|-------------------------|-------------------------|
| [TSE-29] edit profile page Created: 07/Kas/21 Updated: 10/Kas/21 Resolved: 08/Kas/21 | | | | | |
| Epic: Dashboard | | | | | |
| Status: | Done | | | | |
| Project: | TheSeverus | | | | |
| Type: | Story | | Priority: | Medium | |
| Reporter: | Abdurrahman BULUT | | Assignee: | Abdullah Muhammet Yiğit | |
| Sub-tasks: | Key | Summary | Type | Status | Assignee |
| | TSE-51 | text inputs design | Subtask | Done | Abdullah Muhammet Yiğit |
| | TSE-52 | add icons for text inputs | Subtask | Done | Abdullah Muhammet Yiğit |
| | TSE-53 | add submit button | Subtask | Done | Abdullah Muhammet Yiğit |
| Sprint: | SV2 | | | | |
| Story point estimate: | 3 | | | | |

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|---|-------------------|---------------------------|------------------|------------------|------------------|
| [TSE-30] change password Created: 07/Kas/21 Updated: 08/Kas/21 Resolved: 08/Kas/21 | | | | | |
| Epic: Dashboard | | | | | |
| Status: | Done | | | | |
| Project: | TheSeverus | | | | |
| Type: | Story | | Priority: | Low priority | |
| Reporter: | Abdurrahman BULUT | | Assignee: | Alperen Karaçete | |
| Sub-tasks: | Key | Summary | Type | Status | Assignee |
| | TSE-54 | add text inputs and icons | Subtask | Done | Alperen Karaçete |
| | TSE-55 | add submit button | Subtask | Done | Alperen Karaçete |
| Sprint: | SV2 | | | | |
| Story point estimate: | 2 | | | | |

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|---|-------------------|------------------|---------------|
| [TSE-10] Bottom navigation bar Created: 01/Kas/21 Updated: 08/Kas/21 | | | |
| Epic: Dashboard | | | |
| Status: | TEST | | |
| Project: | TheSeverus | | |
| Type: | Story | Priority: | Expedite |
| Reporter: | Abdurrahman BULUT | Assignee: | Doğukan Güler |
| Sprint: | SV2 | | |
| Story point estimate: | 2 | | |

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|--|-------------------|------------------|-------------------|
| [TSE-22] slider card for promotions Created: 07/Kas/21 Updated: 08/Kas/21 | | | |
| Epic: Dashboard | | | |
| Status: | TEST | | |
| Project: | TheSeverus | | |
| Type: | Story | Priority: | Medium |
| Reporter: | Abdurrahman BULUT | Assignee: | Abdurrahman BULUT |
| Sprint: | SV2 | | |
| Story point estimate: | 2 | | |

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|--|-------------------|------------------|------------------|
| [TSE-25] contact page Created: 07/Kas/21 Updated: 08/Kas/21 | | | |
| Epic: Dashboard | | | |
| Status: | TEST | | |
| Project: | TheSeverus | | |
| Type: | Story | Priority: | Medium |
| Reporter: | Abdurrahman BULUT | Assignee: | Alperen Karaçete |
| Sprint: | SV2 | | |
| Story point estimate: | 2 | | |

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|--|-------------|------------------|--------|
| [TSE-32] Previous Orders Page Created: 07/Kas/21 Updated: 08/Kas/21 | | | |
| Epic: Dashboard | | | |
| Status: | In Progress | | |
| Project: | TheSeverus | | |
| Type: | Story | Priority: | Medium |

| | | | |
|------------------------------|-------------------|------------------|------------------|
| Reporter: | Abdurrahman BULUT | Assignee: | Alperen Karaçete |
| Sprint: | SV2 | | |
| Story point estimate: | 3 | | |

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|--|-------------------|------------------|-------------------------|
| [TSE-33] Favorites Page Created: 07/Kas/21 Updated: 10/Kas/21 | | | |
| Epic: Dashboard | | | |
| Status: | TEST | | |
| Project: | TheSeverus | | |
| Type: | Story | Priority: | Medium |
| Reporter: | Abdurrahman BULUT | Assignee: | Abdullah Muhammet Yiğit |
| Sprint: | SV2 | | |
| Story point estimate: | 3 | | |

| | | | |
|--|-------------------|------------------|-------------------------|
| [TSE-34] Cards Page Created: 07/Kas/21 Updated: 08/Kas/21 | | | |
| Epic: Dashboard | | | |
| Status: | In Progress | | |
| Project: | TheSeverus | | |
| Type: | Story | Priority: | Medium |
| Reporter: | Abdurrahman BULUT | Assignee: | Abdullah Muhammet Yiğit |
| Sprint: | SV2 | | |
| Story point estimate: | 3 | | |

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|--|-------------------|------------------|---------------|
| [TSE-35] Deals Page Created: 07/Kas/21 Updated: 08/Kas/21 | | | |
| Epic: Dashboard | | | |
| Status: | In Progress | | |
| Project: | TheSeverus | | |
| Type: | Story | Priority: | Medium |
| Reporter: | Abdurrahman BULUT | Assignee: | Doğukan Güler |
| Sprint: | SV2 | | |
| Story point estimate: | 3 | | |

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|---|-------------------|------------------|---------------|
| [TSE-36] Cart Page Created: 07/Kas/21 Updated: 08/Kas/21 | | | |
| Epic: Dashboard | | | |
| Status: | In Progress | | |
| Project: | TheSeverus | | |
| Type: | Story | Priority: | Medium |
| Reporter: | Abdurrahman BULUT | Assignee: | Doğukan Güler |
| Sprint: | SV2 | | |
| Story point estimate: | 3 | | |

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|---|-------------------|------------------|-------------------|
| [TSE-37] Search Page Created: 07/Kas/21 Updated: 10/Kas/21 | | | |
| Epic: Dashboard | | | |
| Status: | TEST | | |
| Project: | TheSeverus | | |
| Type: | Story | Priority: | Medium |
| Reporter: | Abdurrahman BULUT | Assignee: | Abdurrahman BULUT |
| Sprint: | SV2 | | |
| Story point estimate: | 3 | | |

| | | | |
|--|-------------------|------------------|------------|
| [TSE-38] Categories Created: 07/Kas/21 Updated: 09/Kas/21 | | | |
| Epic: Dashboard | | | |
| Status: | In Progress | | |
| Project: | TheSeverus | | |
| Type: | Story | Priority: | Expedite |
| Reporter: | Abdurrahman BULUT | Assignee: | Mete Gonca |
| Sprint: | SV2 | | |
| Story point estimate: | 4 | | |

[TSE-39] Sub-Categories Created: 07/Kas/21 Updated: 08/Kas/21**Epic:** Dashboard

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|------------------------------|-------------------|------------------|------------|
| Status: | In Progress | | |
| Project: | TheSeverus | | |
| Type: | Story | Priority: | Expedite |
| Reporter: | Abdurrahman BULUT | Assignee: | Mete Gonca |
| Sprint: | SV2 | | |
| Story point estimate: | 5 | | |

[TSE-58] firebase connection Created: 04/Ara/21 Updated: 12/Ara/21**Epic:** User Authentication

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|------------------------------|-------------------|---------------------------------------|--------------|---------------|-----------------|
| Status: | TEST | | | | |
| Project: | TheSeverus | | | | |
| Type: | Story | Priority: | Low priority | | |
| Reporter: | Abdurrahman BULUT | Assignee: | Mete Gonca | | |
| Sub-tasks: | Key | Summary | Type | Status | Assignee |
| | TSE-83 | connection for login and sign in auth | Subtask | To Do | |
| Sprint: | SV3 | | | | |
| Story point estimate: | 2 | | | | |

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|--|-------------------|------------------|------------|
| [TSE-59] take order Created: 04/Ara/21 Updated: 12/Ara/21 | | | |
| Epic: Order | | | |
| Status: | In Progress | | |
| Project: | TheSeverus | | |
| Type: | Story | Priority: | expedite |
| Reporter: | Abdurrahman BULUT | Assignee: | Mete Gonca |
| Sprint: | SV3 | | |
| Story point estimate: | 4 | | |

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|--|-------------------|---------------------|------------------|---------------|-----------------|
| [TSE-60] log in & sign in Created: 04/Ara/21 Updated: 12/Ara/21 | | | | | |
| Epic: User Authentication | | | | | |
| Status: | TEST | | | | |
| Project: | TheSeverus | | | | |
| Type: | Story | Priority: | Medium | | |
| Reporter: | Abdurrahman BULUT | Assignee: | Alperen Karaçete | | |
| Sub-tasks: | Key | Summary | Type | Status | Assignee |
| | TSE-84 | routing among pages | Subtask | To Do | |
| | TSE-85 | give error messages | Subtask | To Do | |
| Sprint: | SV3 | | | | |
| Story point estimate: | 3 | | | | |

| [TSE-61] Notification page Created: 04/Ara/21 Updated: 12/Ara/21 | | | |
|--|-------------------|------------------|------------------|
| Epic: Order | | | |
| Status: | TEST | | |
| Project: | TheSeverus | | |
| Type: | Story | Priority: | Medium |
| Reporter: | Abdurrahman BULUT | Assignee: | Alperen Karaçete |
| Sprint: | SV3 | | |
| Story point estimate: | 3 | | |

| [TSE-62] Cashier order page Created: 04/Ara/21 Updated: 12/Ara/21 | | | |
|---|-------------------|------------------|-------------------------|
| Epic: Order | | | |
| Status: | In Progress | | |
| Project: | TheSeverus | | |
| Type: | Story | Priority: | Medium |
| Reporter: | Abdurrahman BULUT | Assignee: | Abdullah Muhammet Yiğit |
| Sprint: | SV3 | | |
| Story point estimate: | 4 | | |

| | | | |
|---|-------------------|------------------|-------------------------|
| [TSE-63] Order code scanning Created: 04/Ara/21 Updated: 12/Ara/21 | | | |
| Epic: Order | | | |
| Status: | In Progress | | |
| Project: | TheSeverus | | |
| Type: | Story | Priority: | expedite |
| Reporter: | Abdurrahman BULUT | Assignee: | Abdullah Muhammet Yiğit |
| Sprint: | SV3 | | |
| Story point estimate: | 4 | | |

| | | | | | |
|--|-------------------|-----------------------|-------------------|---------------|-----------------|
| [TSE-65] Product page Created: 04/Ara/21 Updated: 12/Ara/21 | | | | | |
| Epic: Admin Panel | | | | | |
| Status: | In Progress | | | | |
| Project: | TheSeverus | | | | |
| Type: | Story | Priority: | expedite | | |
| Reporter: | Abdurrahman BULUT | Assignee: | Abdurrahman BULUT | | |
| Sub-tasks: | Key | Summary | Type | Status | Assignee |
| | TSE-82 | design a product page | Subtask | To Do | |
| Sprint: | SV3 | | | | |
| Story point estimate: | 3 | | | | |

[TSE-66] Categories page Created: 04/Ara/21 Updated: 12/Ara/21**Epic:** Admin Panel**Status:** In Progress**Project:** TheSeverus**Type:** Story**Priority:**

Medium

Reporter: Abdurrahman BULUT**Assignee:**

Doğukan Güler

Sub-tasks:

| Key | Summary | Type | Status | Assignee |
|--------|----------------------|---------|--------|----------|
| TSE-81 | design page with CSS | Subtask | To Do | |

Sprint: SV3**Story point estimate:** 3**[TSE-67] Search Orders** Created: 04/Ara/21 Updated: 12/Ara/21**Epic:** Admin Panel**Status:** In Progress**Project:** TheSeverus**Type:** Story**Priority:**

Medium

Reporter: Abdurrahman BULUT**Assignee:**

Abdurrahman BULUT

Sub-tasks:

| Key | Summary | Type | Status | Assignee |
|--------|-----------------------|---------|--------|----------|
| TSE-79 | design search input | Subtask | To Do | |
| TSE-80 | find specific product | Subtask | To Do | |

Sprint: SV3**Story point estimate:** 3

| | | | | | |
|---|-------------------|-------------------------------|-------------|---------------|-----------------|
| [TSE-68] Edit User informations page Created: 04/Ara/21 Updated: 12/Ara/21 | | | | | |
| Epic: Admin Panel | | | | | |
| Status: | In Progress | | | | |
| Project: | TheSeverus | | | | |
| Type: | Story | Priority: | | expedite | |
| Reporter: | Abdurrahman BULUT | Assignee: | | Doğukan Güler | |
| Sub-tasks: | Key | Summary | Type | Status | Assignee |
| | TSE-77 | design user informations page | Subtask | To Do | |
| | TSE-78 | list items | Subtask | To Do | |
| Sprint: | SV3 | | | | |
| Story point estimate: | 3 | | | | |

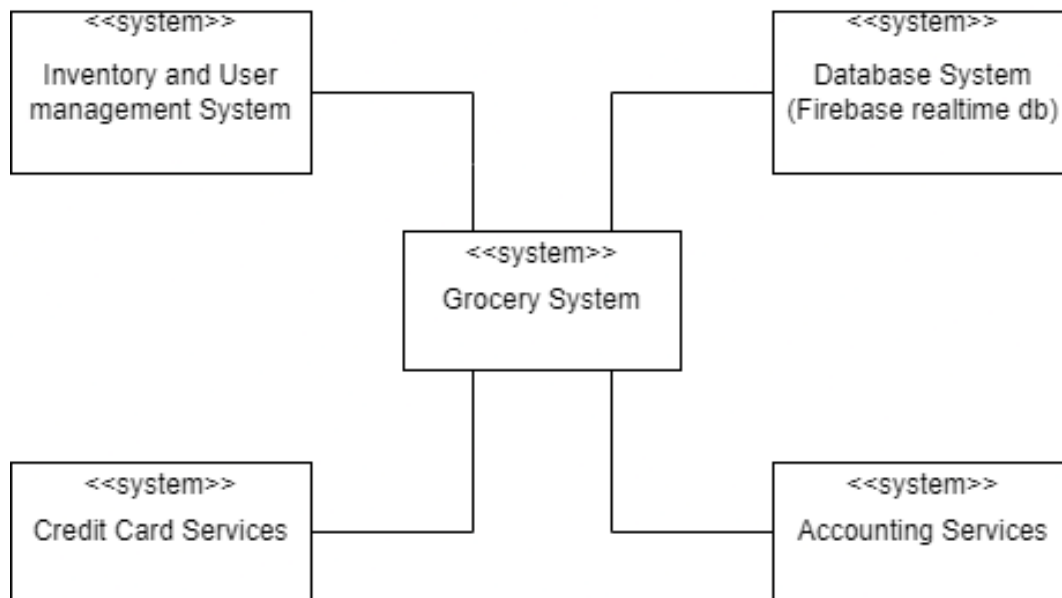
| | | | | | |
|--|-------------------|-----------------------|-------------|-------------------|-------------------|
| [TSE-69] Edit promotions page Created: 04/Ara/21 Updated: 12/Ara/21 | | | | | |
| Epic: Admin Panel | | | | | |
| Status: | In Progress | | | | |
| Project: | TheSeverus | | | | |
| Type: | Story | Priority: | | Medium | |
| Reporter: | Abdurrahman BULUT | Assignee: | | Abdurrahman BULUT | |
| Sub-tasks: | Key | Summary | Type | Status | Assignee |
| | TSE-75 | promotion page design | Subtask | To Do | Abdurrahman BULUT |
| | TSE-76 | route from dashboard | Subtask | To Do | Abdurrahman BULUT |

| | |
|------------------------------|-----|
| Sprint: | SV3 |
| Story point estimate: | 3 |

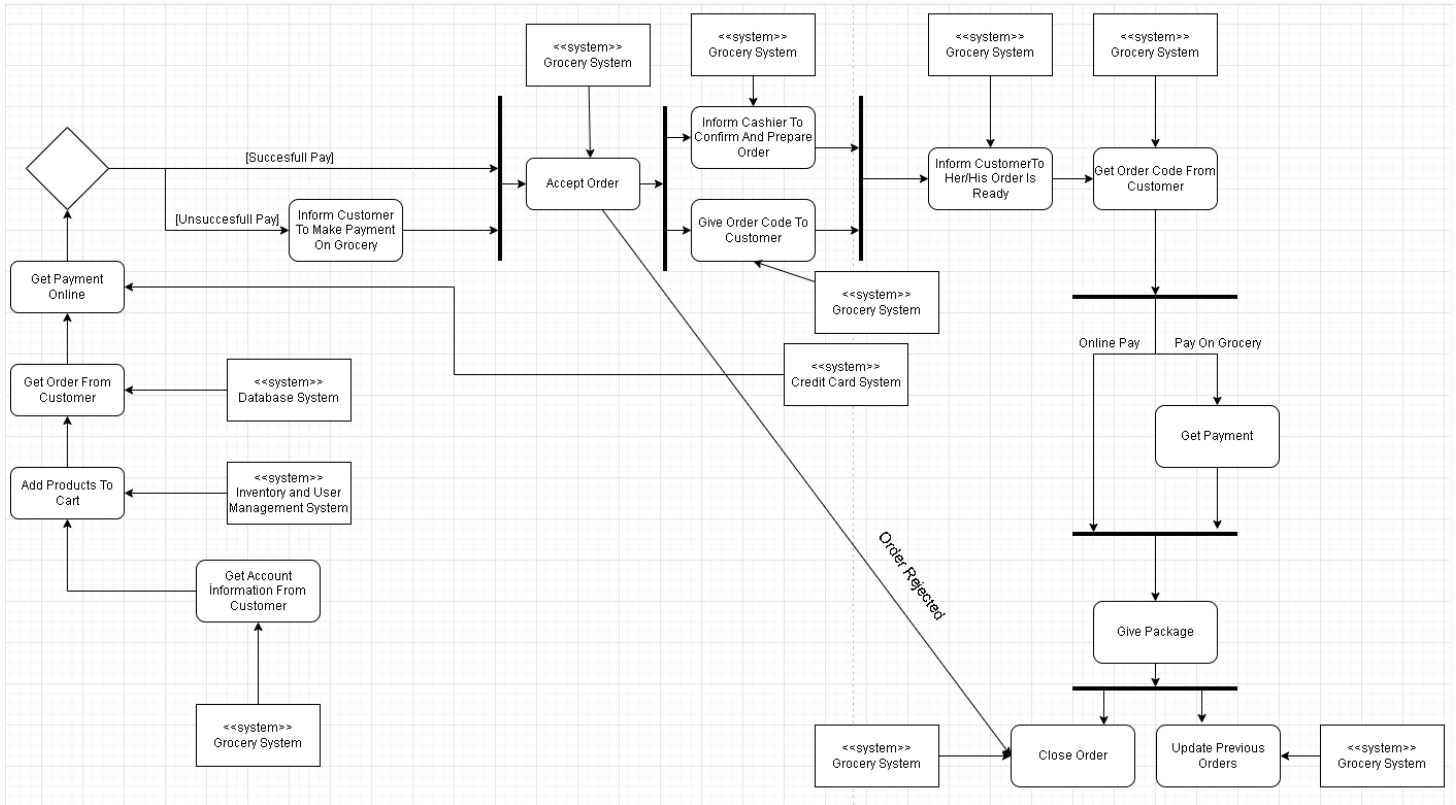
| | | | | | |
|---|-------------------|------------------------------|---------------|---------------|-----------------|
| [TSE-70] Products page Created: 04/Ara/21 Updated: 12/Ara/21 | | | | | |
| Epic: Admin Panel | | | | | |
| Status: | In Progress | | | | |
| Project: | TheSeverus | | | | |
| Type: | Story | Priority: | Medium | | |
| Reporter: | Abdurrahman BULUT | Assignee: | Doğukan Güler | | |
| Sub-tasks: | Key | Summary | Type | Status | Assignee |
| | TSE-72 | Design page | Subtask | To Do | Doğukan Güler |
| | TSE-73 | route from dashboard | Subtask | To Do | Doğukan Güler |
| | TSE-74 | view products in admin panel | Subtask | To Do | Doğukan Güler |
| Sprint: | SV3 | | | | |
| Story point estimate: | 3 | | | | |

5. UML diagrams to define system model

a. Context Model



b. Process Model



c. Use case diagrams and their detailed tables

i. Use case diagram



ii. Detailed tables

| | |
|----------|---|
| System | Grocery Shopping System |
| Use case | View Products |
| Actors | Customer |
| Data | The data of the examined product. |
| Stimulus | The costumer opens products page, clicks the product. |
| Response | The product information will be shown. |
| Comments | The customer can get information about each product in stock. |

| | |
|----------|---|
| System | Grocery Shopping System |
| Use case | Order Products |
| Actors | Customer |
| Data | Processing is done with the data of the products to be ordered. |
| Stimulus | Customer enters to the system, go to product page, adds product, then check out the cart. |
| Response | New order information data is sent to the system. |
| Comments | The customer can add products to the cart and place the order. |

| | |
|----------|---|
| System | Grocery Shopping System |
| Use case | View Past Orders |
| Actors | Customer, Grocery Shopping System |
| Data | Order Code, Order Date, Product names; counts and prices, Total Price |
| Stimulus | Customer saw previous orders. |
| Response | Order data is sent to customer. |
| Comments | Past orders are updating after taking new order from grocery. |

| | |
|----------|---|
| System | Grocery Shopping System |
| Use Case | View Promotions |
| Actors | Customer, Cashier, Grocery Shopping System |
| Data | Product names and prices, Sale Amount |
| Stimulus | Customers saw promotions from application. |
| Response | Cashier determines new prices according to promotion. |
| Comments | Promotions having been updated every friday. |

| | |
|----------|--|
| System | Grocery Shopping System |
| Use case | Add to Favorites |
| Actors | Customer, Grocery Shopping System |
| Data | Customer' favorite products list |
| Stimulus | Customer press the favorite button of product |
| Response | Grocery Shopping System adds product to customer' list |
| Comments | Favorite products page are updating after product is added |

| | |
|----------|---|
| System | Grocery Shopping System |
| Use case | Search Product |
| Actors | Customer, Grocery Shopping System |
| Data | Filtered product list |
| Stimulus | Customer enters input to search bar. |
| Response | Grocery Shopping System filters products and displays them. |
| Comments | Product list is filtered according to input keyword that is contained by products in their information. |

| | |
|----------|---|
| System | Grocery Shopping System |
| Use case | Edit profile informations |
| Actors | Customer |
| Data | The customer sends new profile informations data to the firebase database system. |
| Stimulus | The costumer opens edit profile page, enters new informations and save to the system. |
| Response | New profile informations data is sent to the system. |
| Comments | The costumer can change name, profile photo and phone number. |

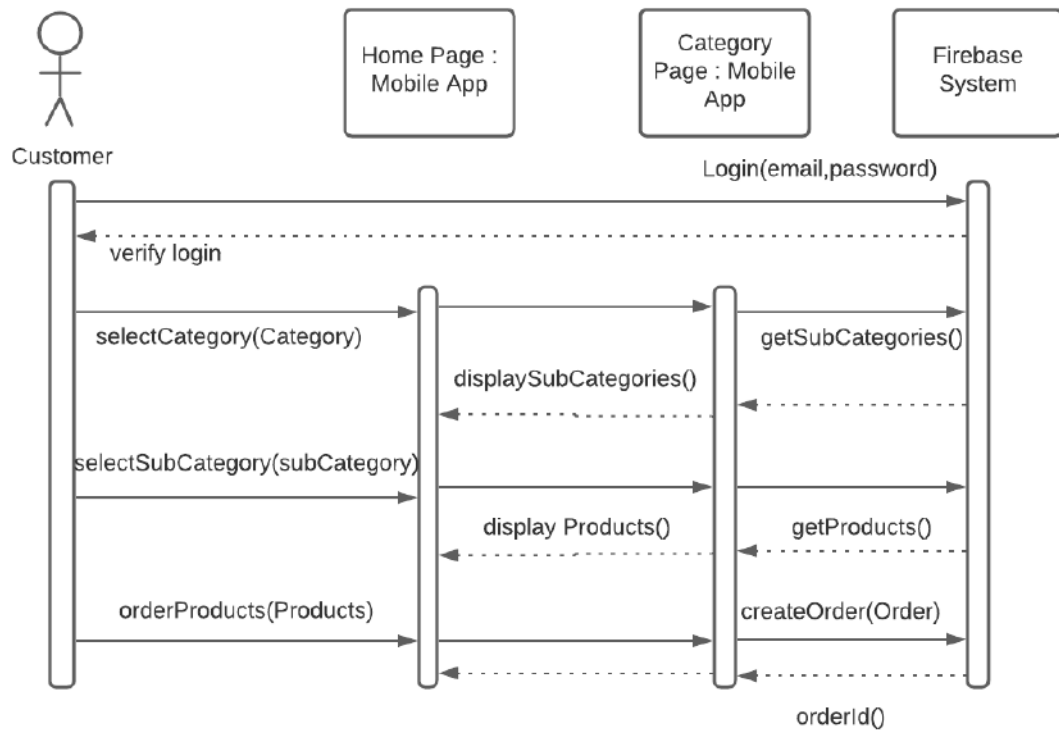
| | |
|----------|--|
| System | Grocery Shopping System |
| Use case | View orders |
| Actors | Cashier, Customer |
| Data | Orders data is sent to cashier's and customer's application system. |
| Stimulus | Cashiers and customers enter to the system, go to the order page and can see their orders. |
| Response | Order informations are shown on the screen. |
| Comments | The cashier just wants to see orders and approves when it is ready. The customer can only see. |

| | |
|----------|--|
| System | Grocery Shopping System |
| Use case | Update and Edit Products&Categories |
| Actors | Admin, Grocery Shopping System |
| Data | Category and product count, product price. |
| Stimulus | Admin adjust products and categories and product's prices. |
| Response | Changings added to the application. |
| Comments | If any product is out of stock, Admin provides that product. |

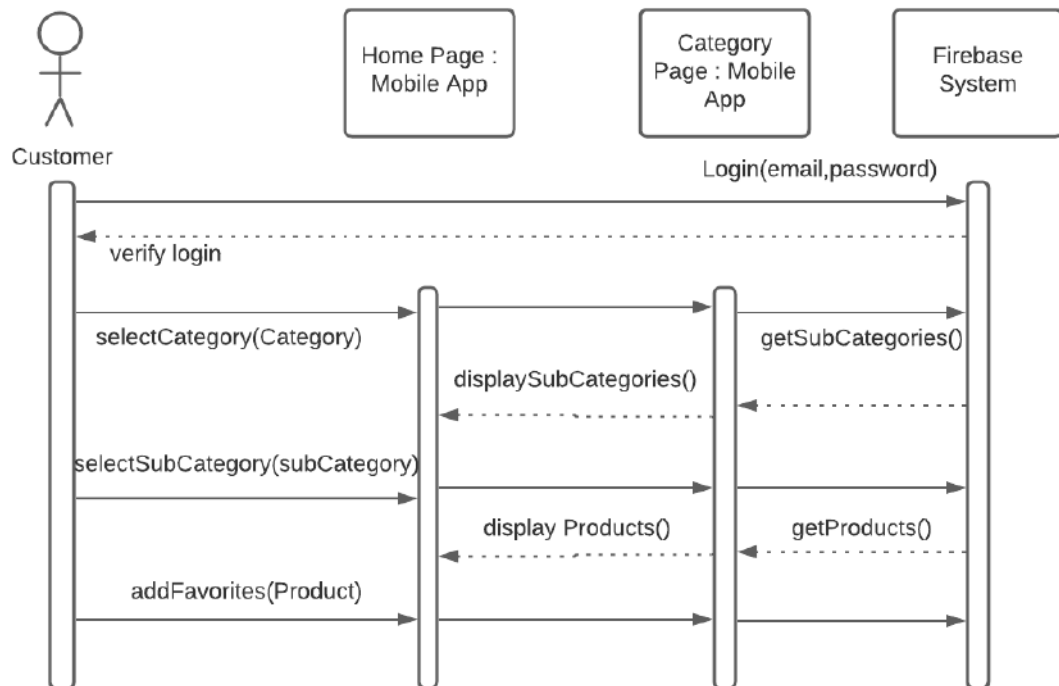
| | |
|----------|---|
| System | Grocery Shopping System |
| Use case | Update Promotions |
| Actors | Admin, Grocery Shopping System |
| Data | Promotions name and photos |
| Stimulus | Admin updates promotions from admin panel. |
| Response | Promotions shown to the users of application. |
| Comments | Promotions having been updated every friday. |

d. Sequence diagrams

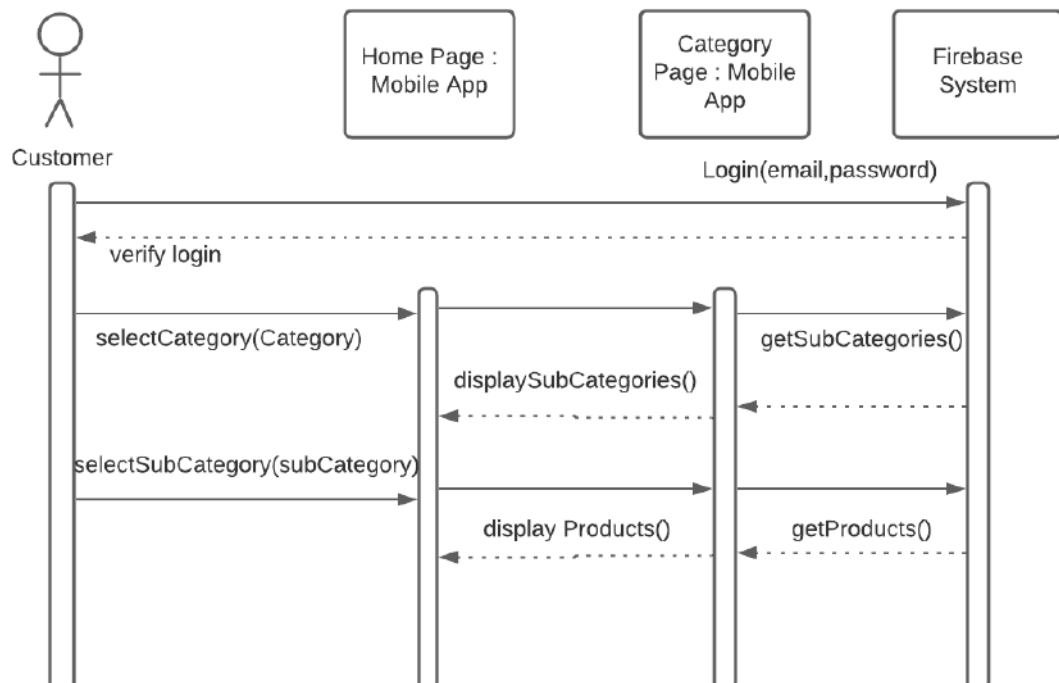
1-) Order Product



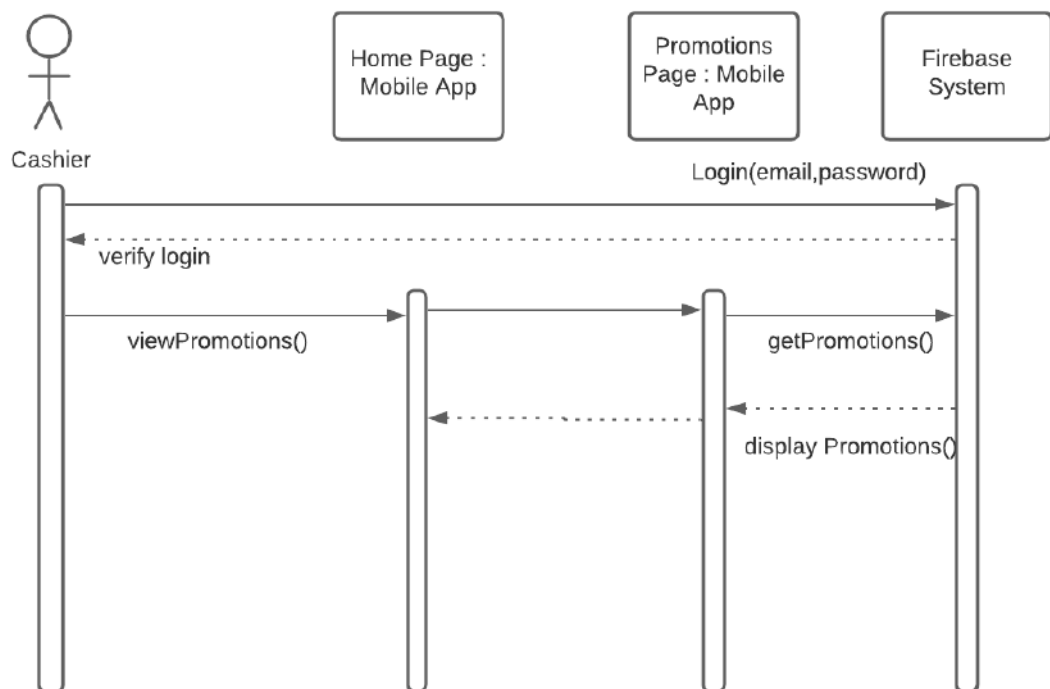
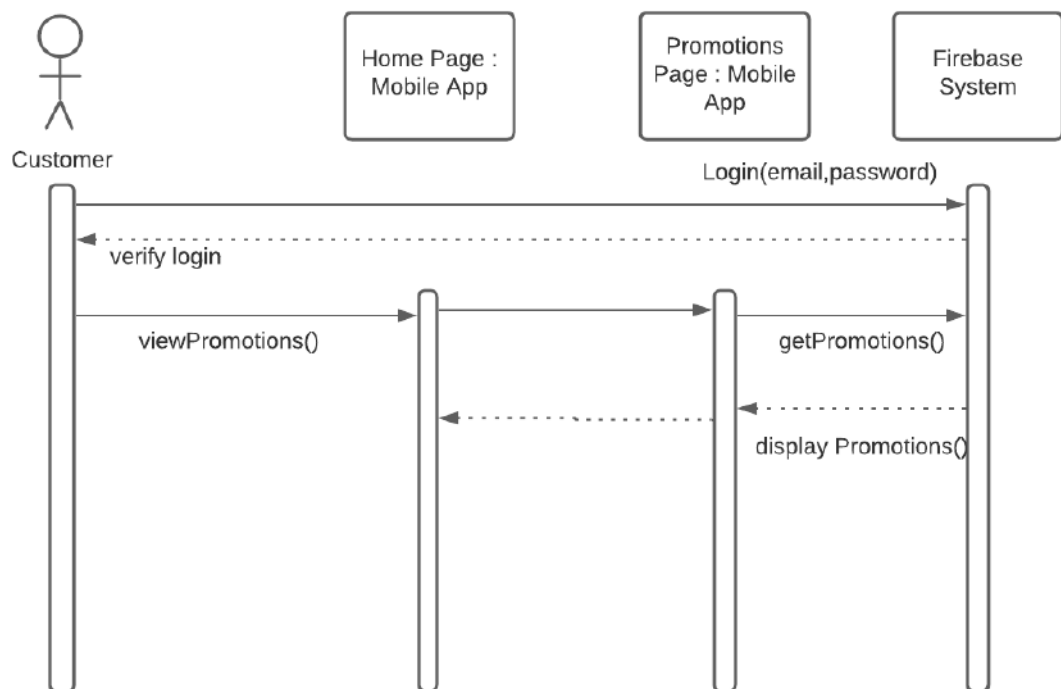
2-) Add to Favorites



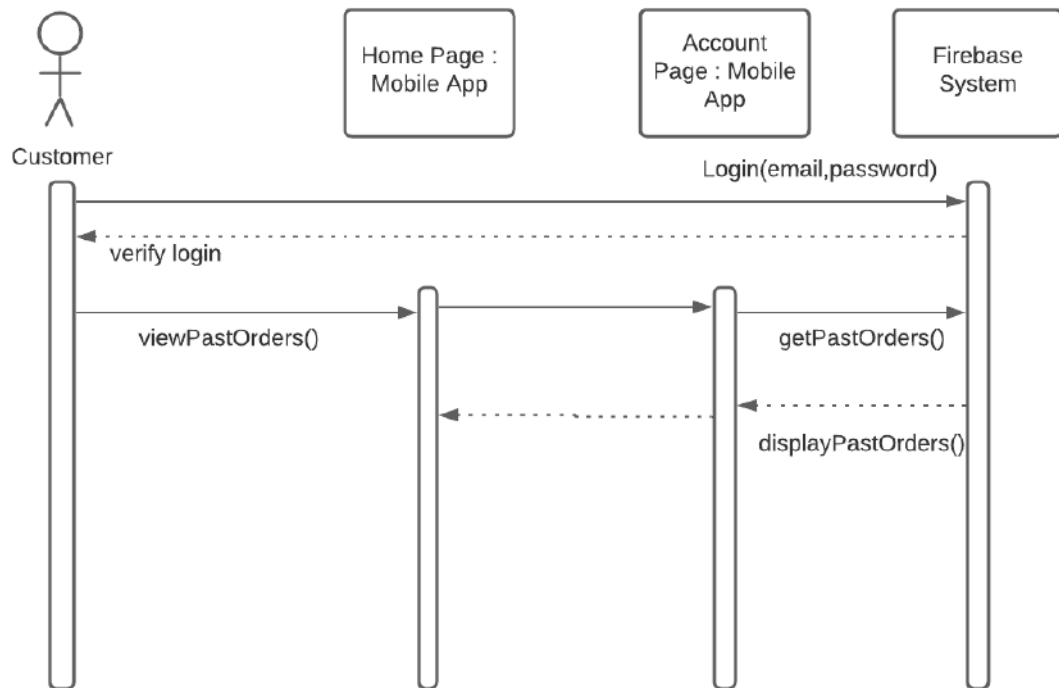
3-) View Products



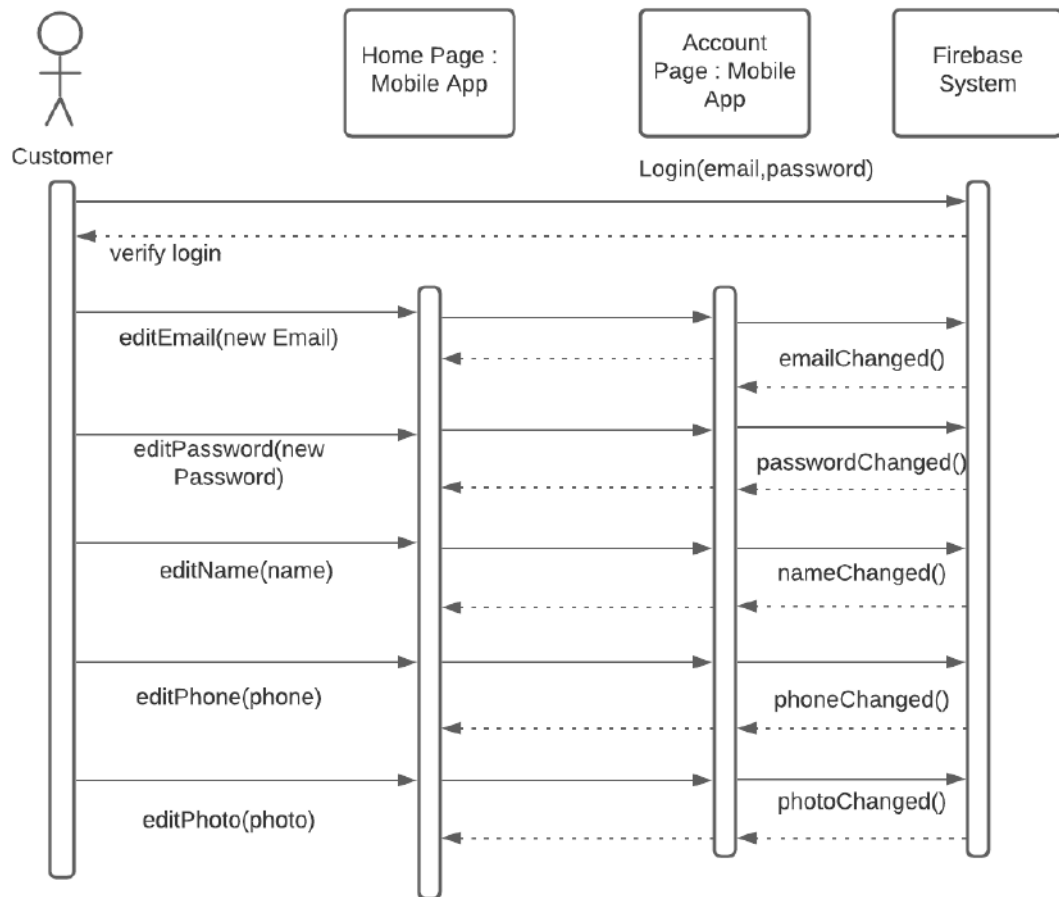
4-) View Promotions



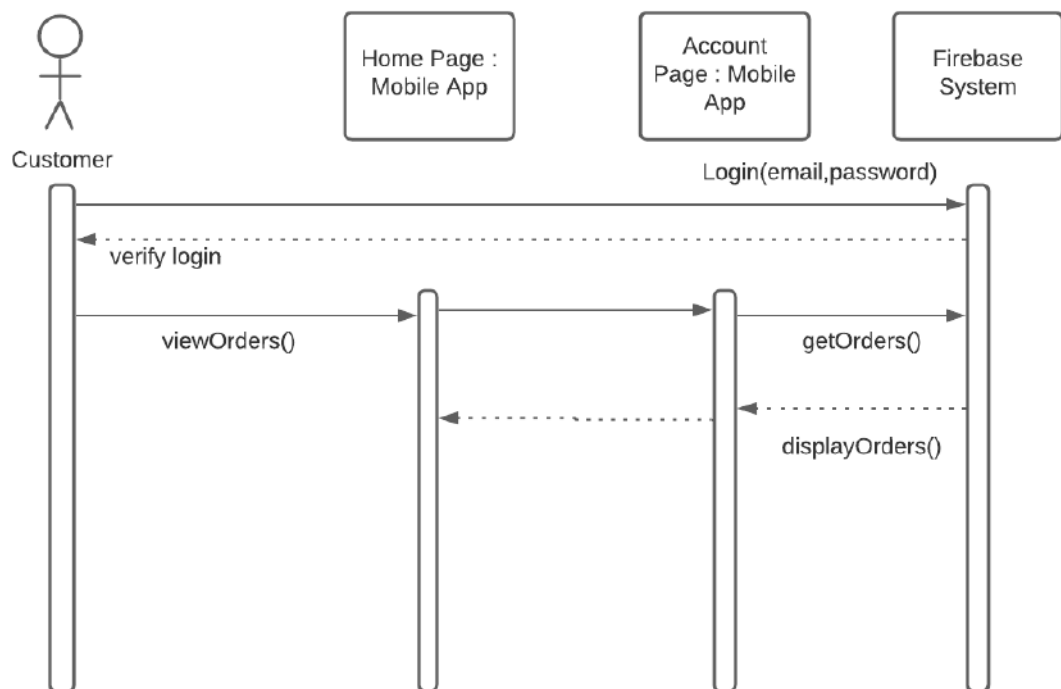
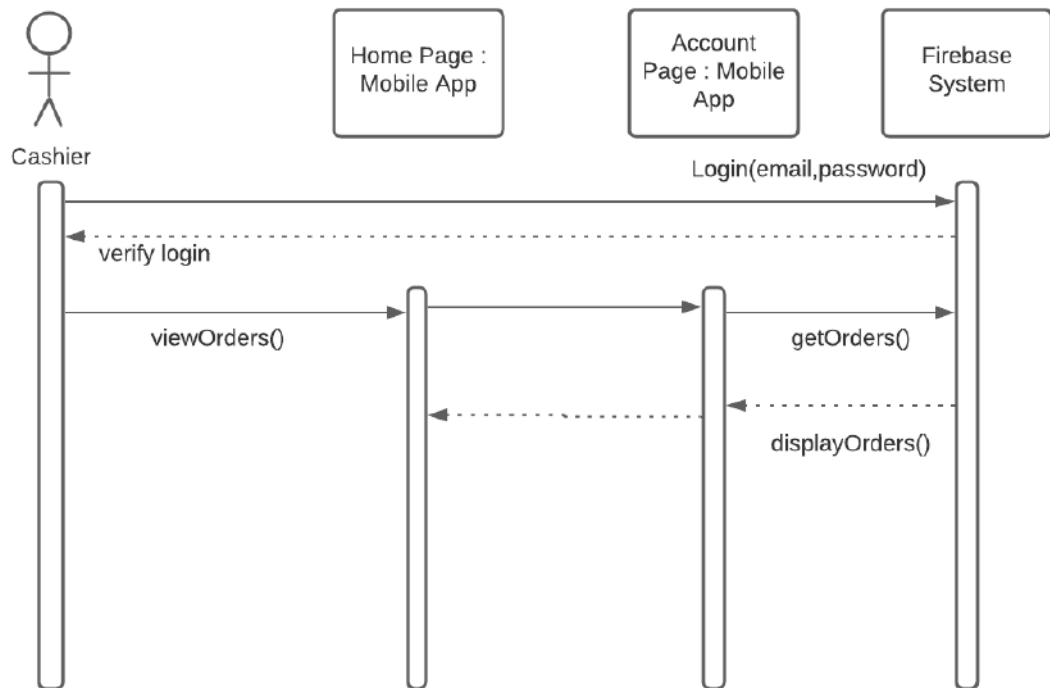
5-) View Past Orders



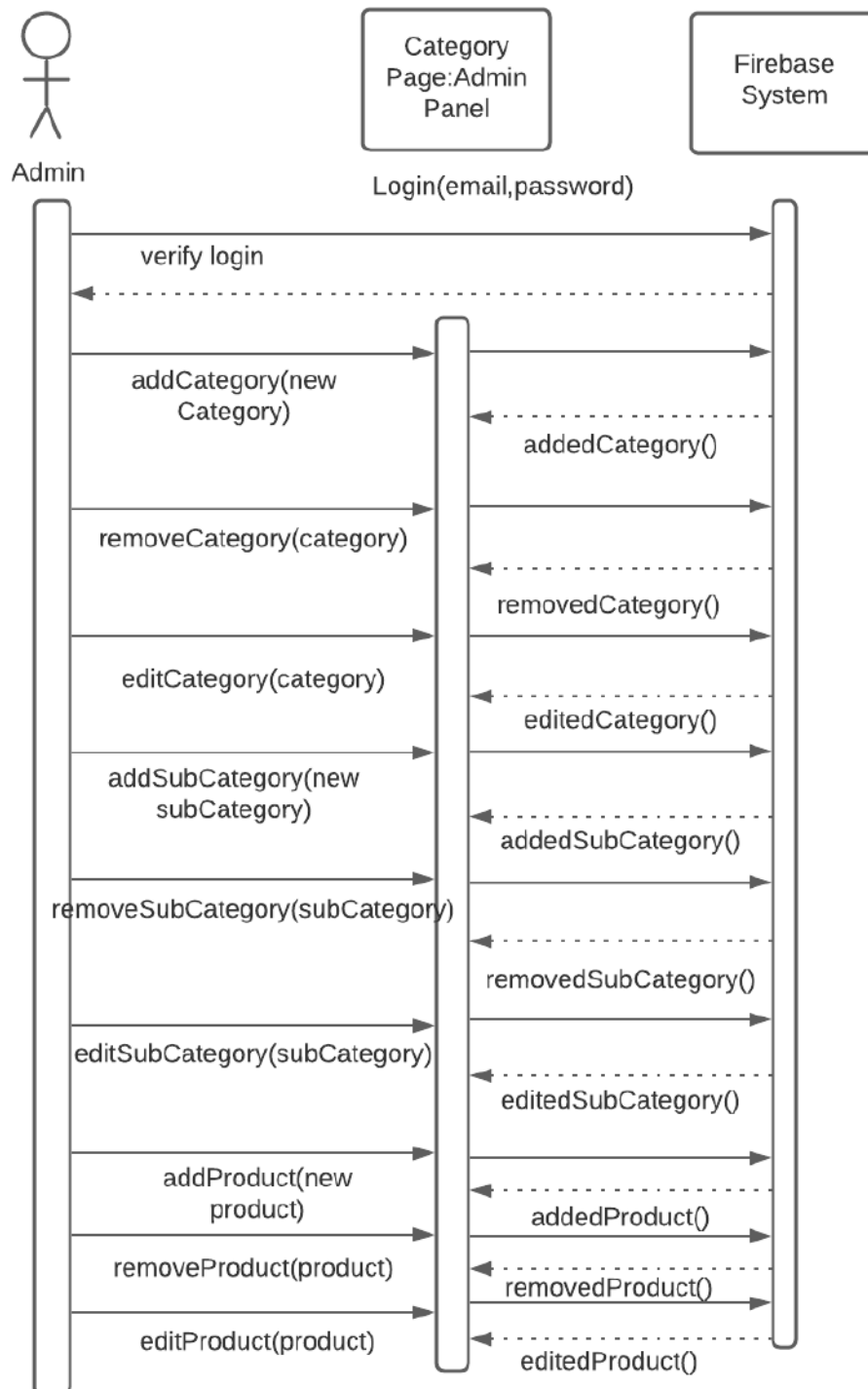
6-)Edit Profile



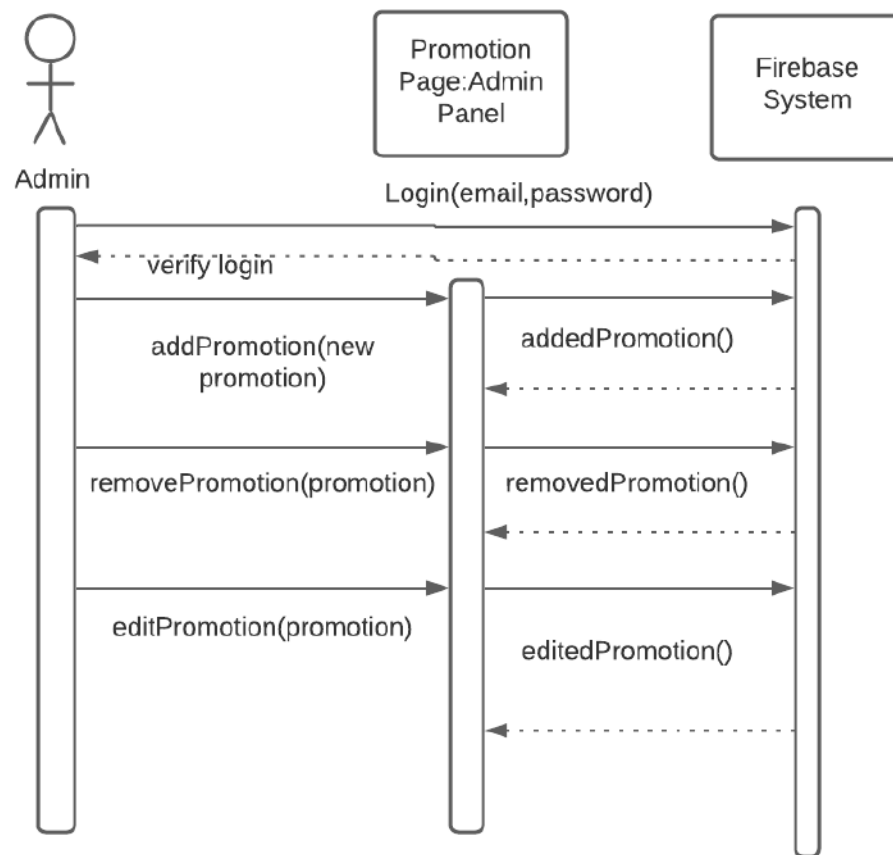
7-) View Orders



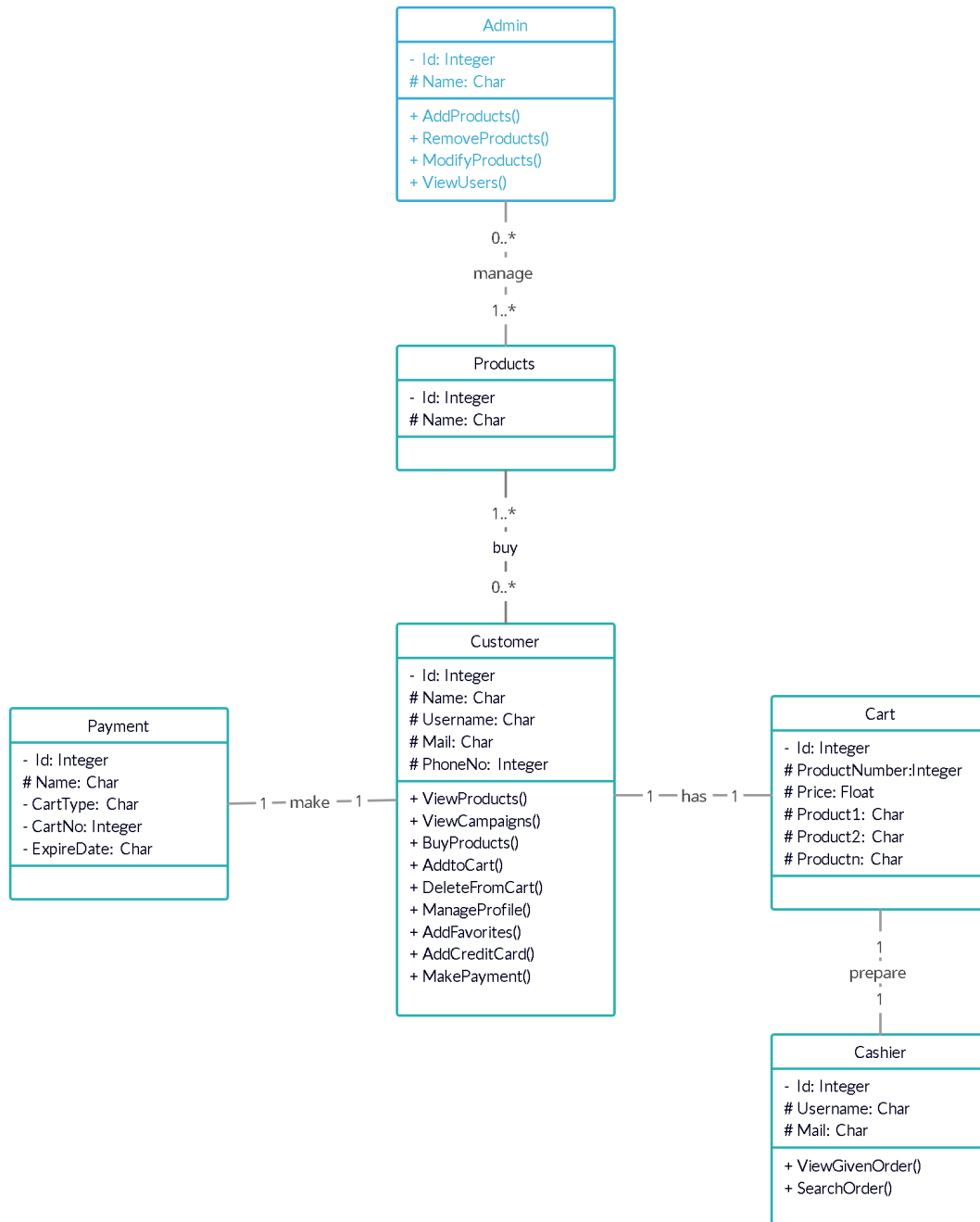
8-) Edit Categories & Products



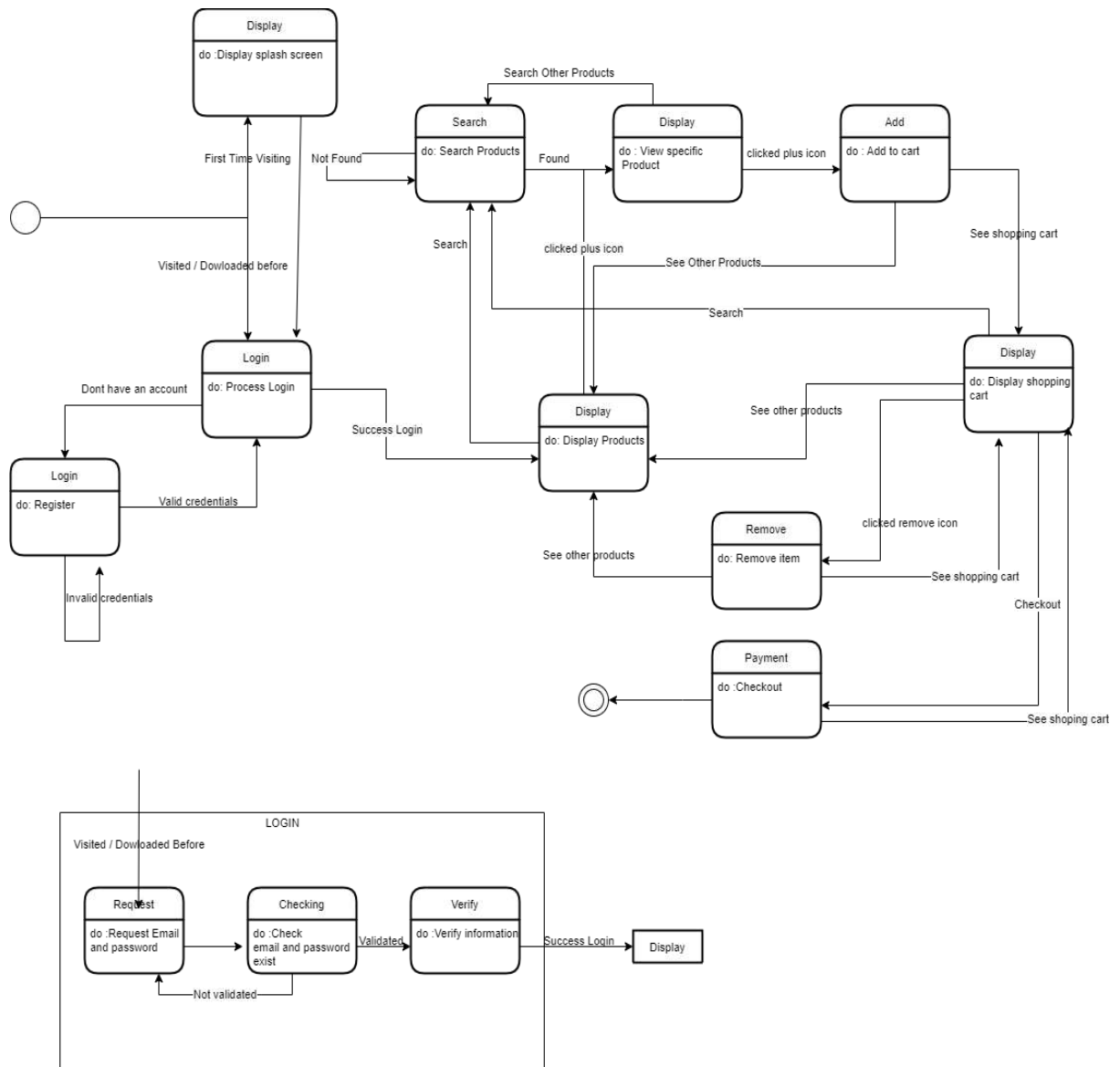
9-) Edit Promotions



e. Class diagrams

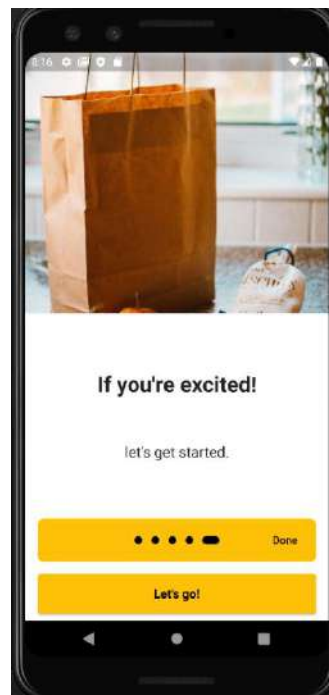
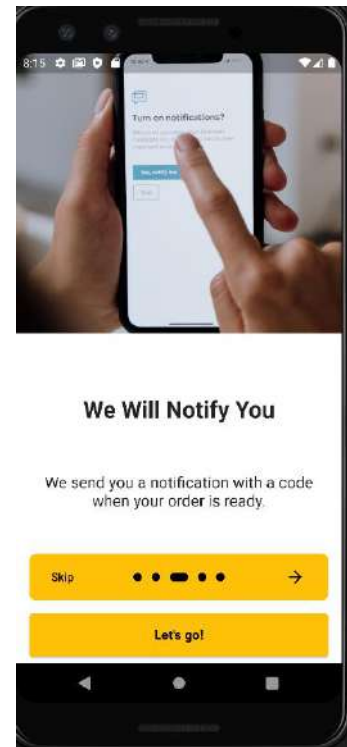
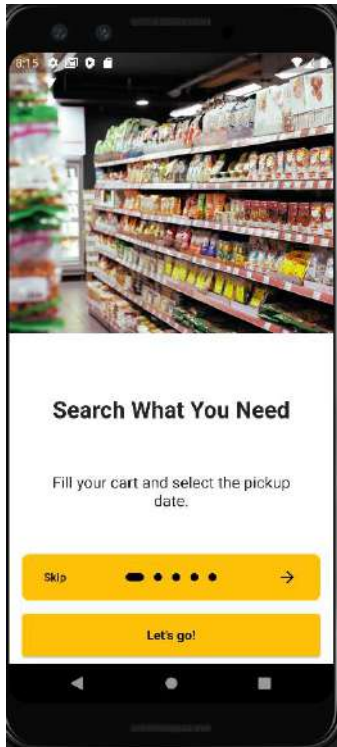


f. State diagrams

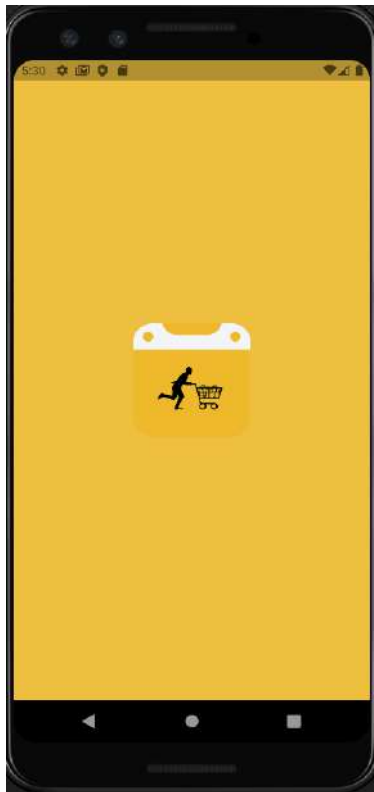


6. GRAPHICAL INTERFACE

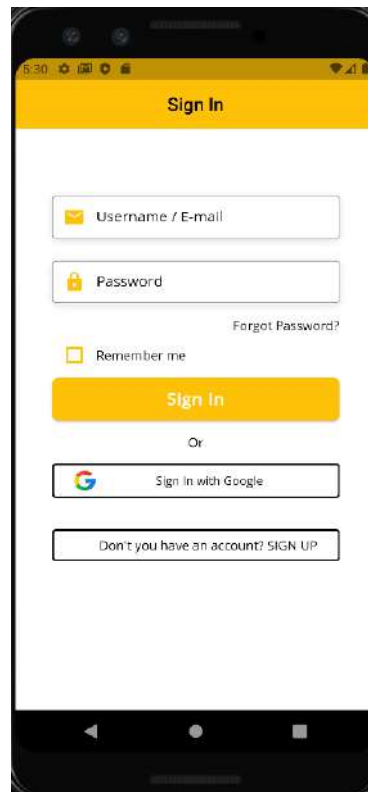
Introduction page



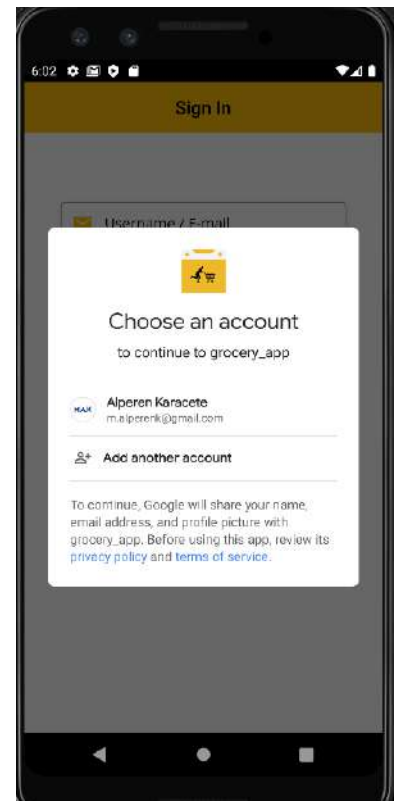
App Opening



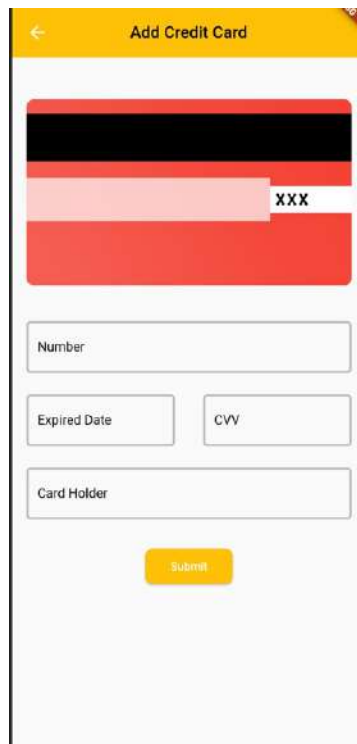
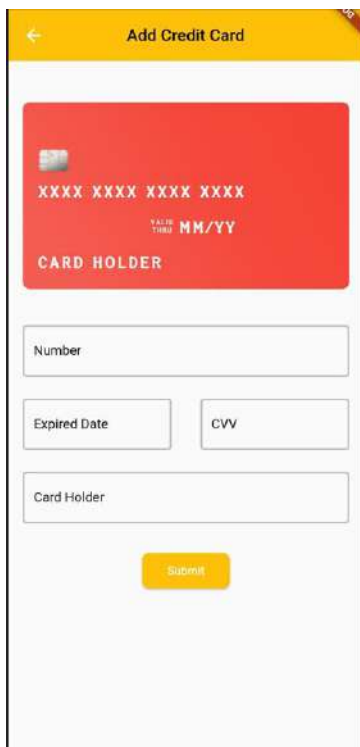
Signing



Google Account



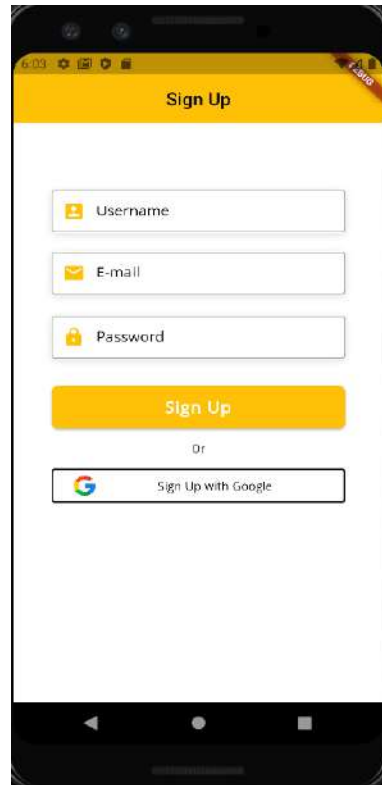
Card Page



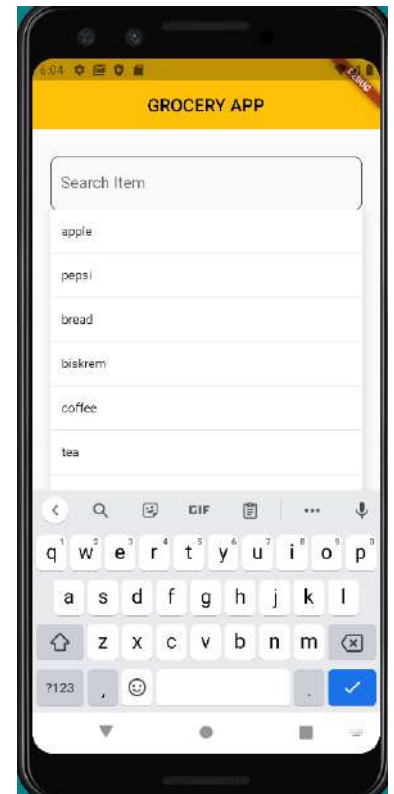
Forgot password



Signup



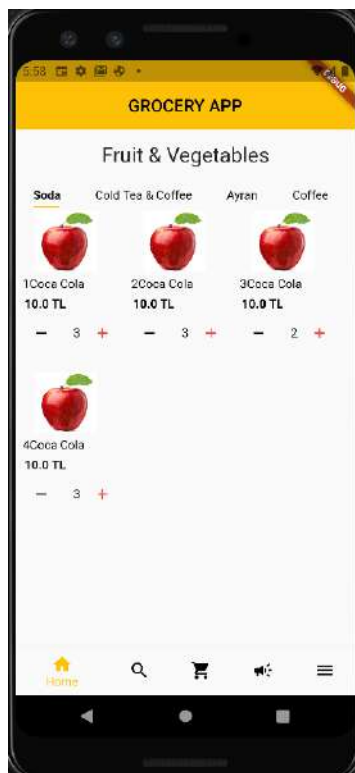
Search product



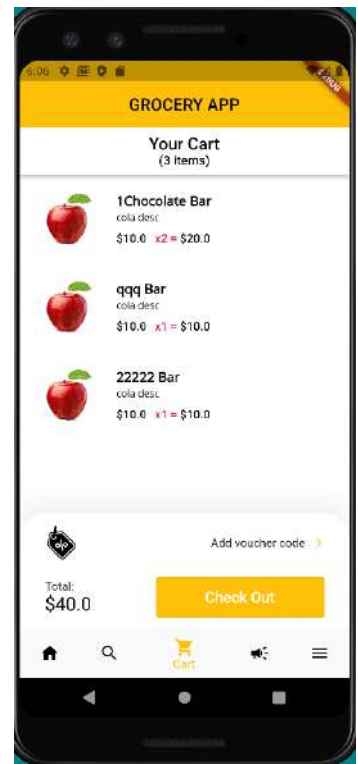
Category



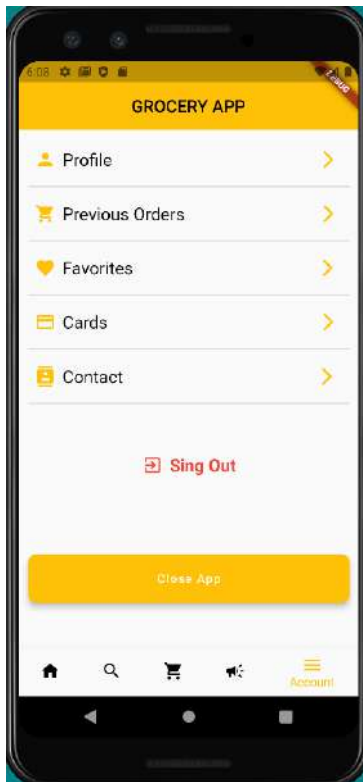
Sub-Category



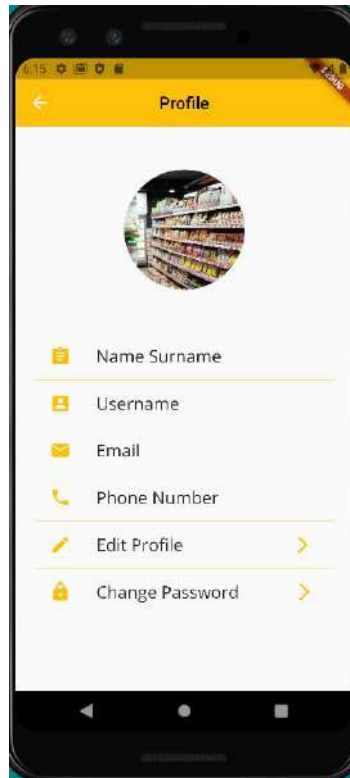
Cart page



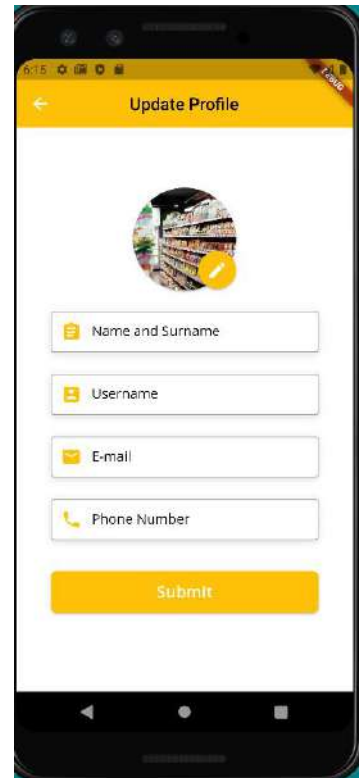
Account page



Profile page



Update Profile



Backend

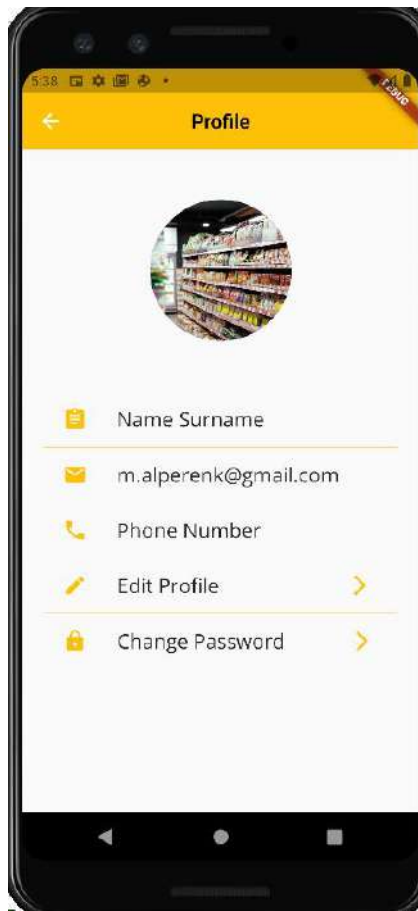
Before Registering

| Search by email address, phone number, or user UID | | | | | Add user | ↺ | ⋮ |
|--|-----------|--------------|--------------|------------------------------|------------|---|---|
| Identifier | Providers | Created ↓ | Signed In | User UID | | | |
| abdullahmygt@gmail.com | ✉ | Dec 13, 2021 | Dec 13, 2021 | 2hIK6uu6HuTjElg6qyuz7XgOMo82 | | | |
| abdrhmnbulut@gmail.com | ✉ | Dec 13, 2021 | Dec 13, 2021 | EoKnIFaN9daAmfaovnFXvILFPq43 | | | |
| dogukan.apple@icloud.com | ✉ | Dec 12, 2021 | Dec 13, 2021 | paLq0z9YgbfcaDNE7086fFUDS732 | | | |
| dogukaanguleen@gmail.com | ✉ | Dec 12, 2021 | Dec 12, 2021 | GjgZANhJ5PZQ6FgQkWIM7ozRs... | | | |
| metegoncaq@gmail.com | ✉ | Dec 11, 2021 | Dec 13, 2021 | NfsBPTmeb8Ye9JpxLxnpOzO5IOM2 | | | |
| Rows per page: 50 | | | | | 1 – 5 of 5 | ⏪ | ⏩ |

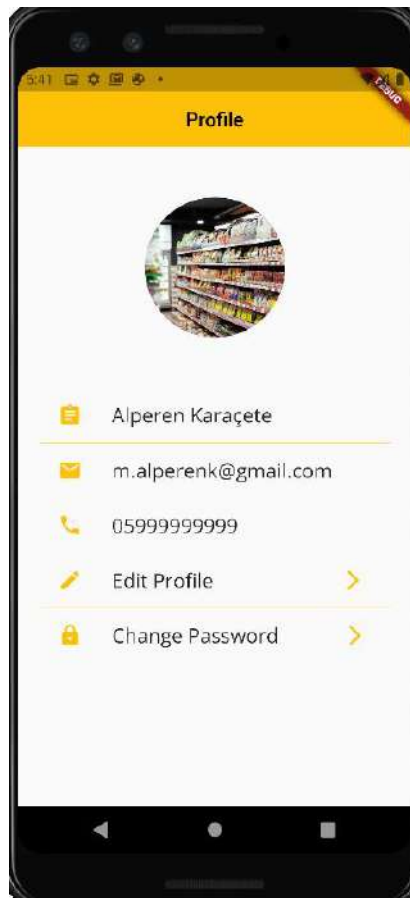
After Registering

| Search by email address, phone number, or user UID | | | | | Add user | ↺ | ⋮ |
|--|-----------|--------------|--------------|-------------------------------|----------------|----|------------|
| Identifier | Providers | Created ↓ | Signed In | User UID | | | |
| m.alperenk@gmail.com | ✉ | Dec 13, 2021 | Dec 13, 2021 | aag9SzyYLSXc fyXGjNZszSi6T813 | | | |
| abdullahmygt@gmail.com | ✉ | Dec 13, 2021 | Dec 13, 2021 | 2hIK6uu6HuTjElg6qyuz7XgOMo82 | | | |
| abdrhmnbulut@gmail.com | ✉ | Dec 13, 2021 | Dec 13, 2021 | EoKnlFaN9daAmfaovnFXvILFPq43 | | | |
| dogukan.apple@icloud.com | ✉ | Dec 12, 2021 | Dec 13, 2021 | paLq0z9YgbfcaDNE7086fFUDS732 | | | |
| dogukaanguleer@gmail.com | ✉ | Dec 12, 2021 | Dec 12, 2021 | GjgZANhJ5PZQ6FgQkWiM7ozRs... | | | |
| metegoncaq@gmail.com | ✉ | Dec 11, 2021 | Dec 13, 2021 | NfsBPTmeb8Ye9JpxLxnpOzO5lOM2 | | | |
| | | | | | Rows per page: | 50 | 1 - 6 of 6 |

Profile Page Before Update

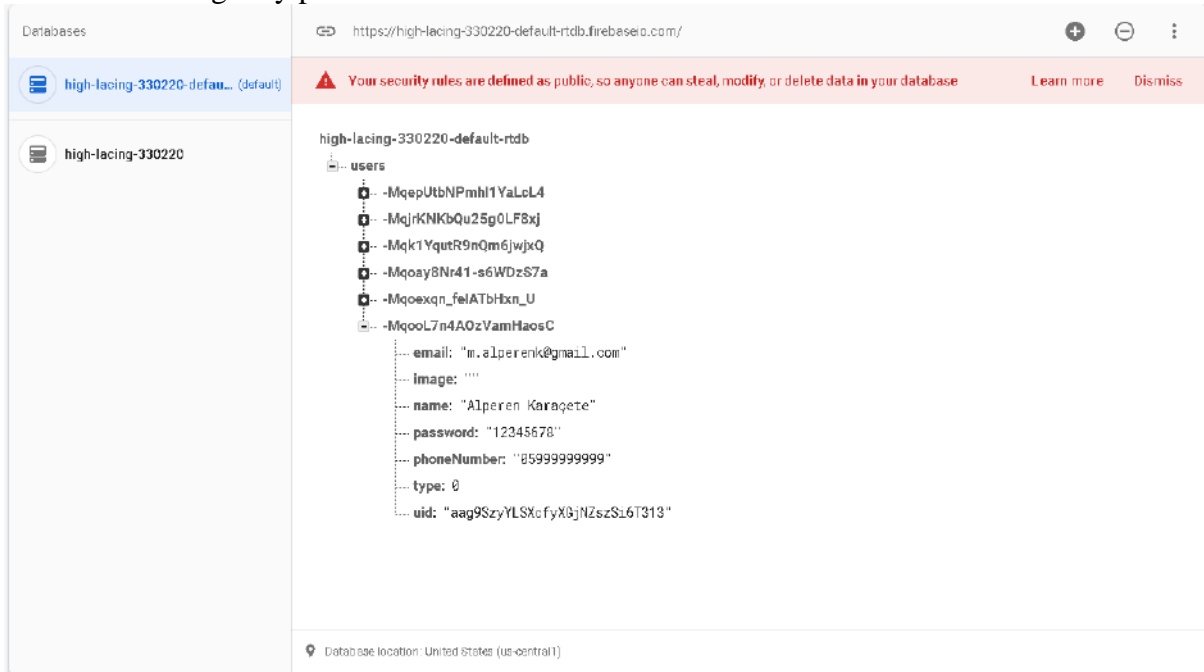


After Update

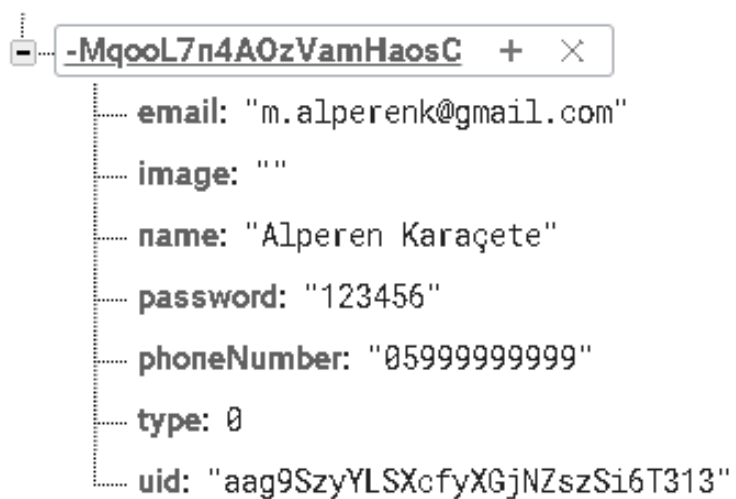
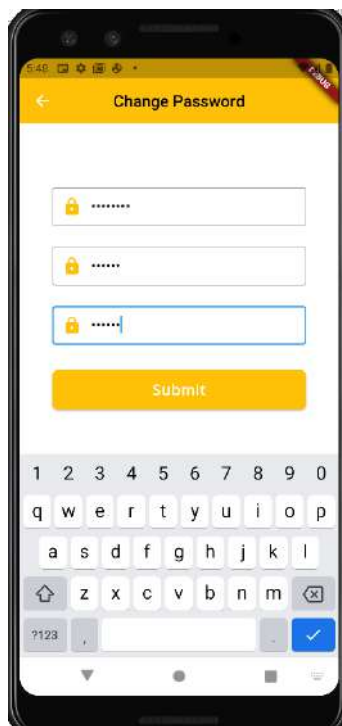


Firestore

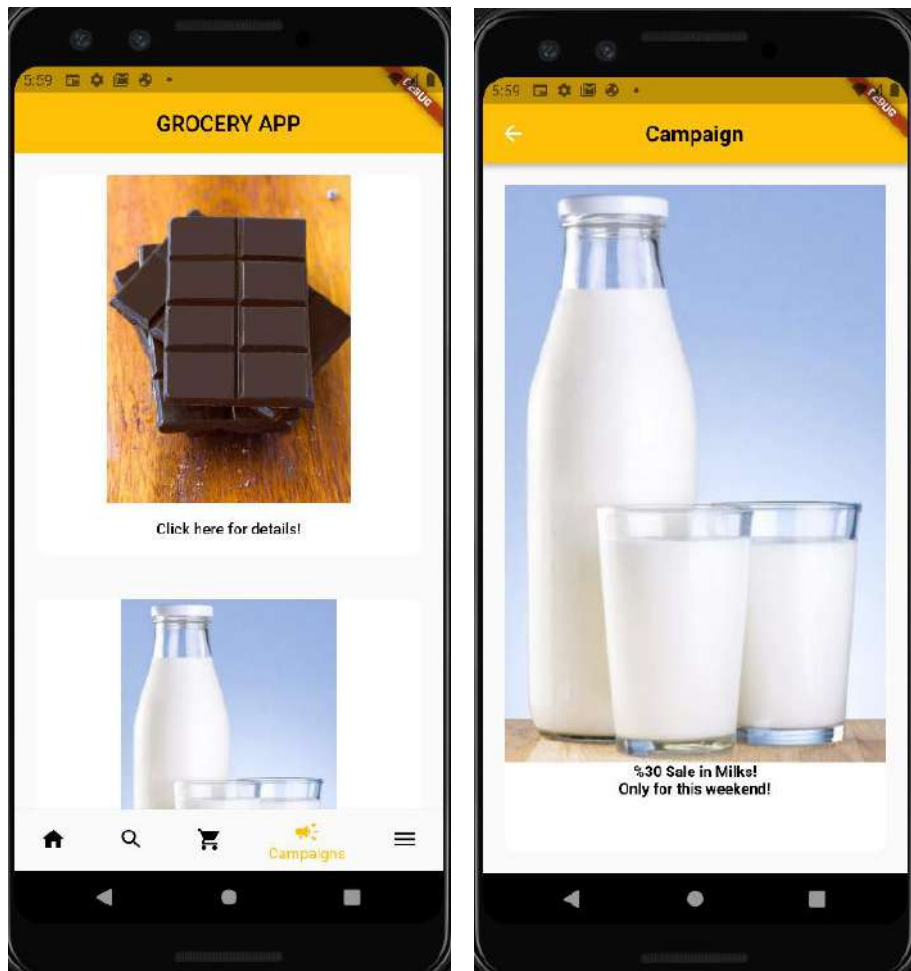
After Updating Profile Information.
Now I will change my password to 123456.



After Changing Password 12345678 to 123456



Campaign Page



7. Test Cases

| Test Scenario ID | Test Scenario Description | Test Case ID | Test Case Description | Test Steps | Preconditions | Test Data | Post Conditions | Expected Result | Actual Result |
|------------------|--|------------------|---|---|------------------------|--|---|-----------------------|-----------------------|
| TS_GA_001 | Shows splash screen when the app is first opened | TC_GA_Splash_001 | Click different progress buttons | 1.Click next button 5 times. 2.Click "done" or "Let's go" button. | Valid app | Data is not required. | User should be able to see the login page | Successful Navigation | Successful Navigation |
| TS_GA_001 | Shows splash screen when the app is first opened | TC_GA_Splash_002 | Click different progress buttons | 1.Click "skip" button. 2..Click "done" or "Let's go" button. | Valid app | Data is not required. | User should be able to see the login page | Successful Navigation | Successful Navigation |
| TS_GA_001 | Shows splash screen when the app is first opened | TC_GA_Splash_003 | Click different progress buttons | 1.Click Let's go button. | Valid app | Data is not required. | User should be able to see the login page | Successful Navigation | Successful Navigation |
| TS_GA_002 | Verify the login functionality of Grocery App Login Page | TC_GA_Login_001 | Enter a valid username & valid password | 1.Enter valid username 2.Enter valid password 3.Click on login button | Valid app Test Data | username: grocery@gmail.com password: password123 | User should be able to see the home page | Successful Login | Successful Login |

| | | | | | | | | | |
|-----------|--|------------------------|---|---|---------------------|---|---|--|------------------|
| TS_GA_002 | Verify the login functionality of Grocery App Login Page | TC_GA_Login_002 | Enter a valid username & invalid password | 1.Enter valid username 2.Enter invalid password 3.Click on login button | Valid app Test Data | username: grocery@gmail.com password: xxxxx | Error message "Invalid username or password" | A popup message box to show an error "invalid username/password" | |
| TS_GA_002 | Verify the login functionality of Grocery App Login Page | TC_GA_Login_003 | Enter an invalid username & valid password | 1.Enter invalid username 2.Enter valid password 3.Click on login button | Valid app Test Data | username: xxxx@gmail.com password: password123 | Error message "Invalid username or password" | A popup message box to show an error "invalid username/password" | |
| TS_GA_002 | Verify the login functionality of Grocery App Login Page | TC_GA_Login_004 | Enter a invalid username & invalid password | 1.Enter invalid username 2.Enter invalid password 3.Click on login button | Valid app Test Data | username: xxxx@gmail.com password: xxxxxx | Error message "Invalid username or password" | A popup message box to show an error "invalid username/password" | |
| TS_GA_003 | Verify the login with Google of Grocery App Login Page | TC_GA_Google_Login_001 | Enter a valid google mail & valid password | 1.Enter valid google email 2.Enter valid password 3.Click on login button | Valid app Test Data | username: google@gmail.com password: password123 | User should able to see the home page | Successful Login | Successful Login |

| | | | | | | | | | |
|-----------|--|------------------------|---|--|---------------------|---|--|--|--------------------------|
| TS_GA_003 | Verify the login with Google of Grocery App Login Page | TC_GA_Google_Login_002 | Enter a valid google mail or invalid password | 1.Enter valid google mail 2.Enter invalid password 3.Click on login button | Valid app Test Data | username: google@gmail.com password: xxxxx | Error message "Invalid username or password" | A popup message box to show an error "invalid username/password" | |
| TS_GA_003 | Verify the login with Google of Grocery App Login Page | TC_GA_Google_Login_003 | Enter an invalid google mail or valid password | 1.Enter invalid google mail 2.Enter valid password 3.Click on login button | Valid app Test Data | username: xxxxx@xxx.com password: 123 | Error message "Invalid username or password" | A popup message box to show an error "invalid username/password" | |
| TS_GA_003 | Verify the login with Google of Grocery App Login Page | TC_GA_Google_Login_004 | Enter a invalid google mail or invalid password | 1.1.Enter valid google mail 2.Enter invalid password 3.Click on login button | Valid app Test Data | username: xxxxx@xxx.com password: xxxxxx | Error message "Invalid username or password" | A popup message box to show an error "invalid username/password" | |
| TS_GA_004 | Check forget password functionality of Grocery App | TC_GA_ForgetPass_001 | Enter a valid email | 1.Enter valid e-mail on system. 2.Click Submit button. | Valid app Test Data | e-mail: grocery@gmail.com | Alert message "If mail address is correct, it will be on way" | Completed Alert is shown | Completed Alert is shown |

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|-----------|---|----------------------|---|---|---------------------|--|--|--|--------------------------|
| TS_GA_004 | Check forget password functionality of Grocery App | TC_GA_ForgetPass_002 | Enter an invalid email | 1.Enter invalid email on system. 2.Click Submit button. | Valid app Test Data | e-mail: xxxx@gmail.com | Alert message "If mail address is correct, it will be on way" | Completed Alert is shown | Completed Alert is shown |
| TS_GA_005 | Verify the Sign Up functionality of Grocery App SignUp Page | TC_GA_SignUp_001 | Enter a valid username, valid mail and valid password. | 1.Enter valid username. 2.Enter valid mail. 3.Enter valid password. | Valid app Test Data | username: grocery@gmail.com password: password123 | User should be able to see the home page | Successful Login | Successful Login |
| TS_GA_005 | Verify the Sign Up functionality of Grocery App SignUp Page | TC_GA_SignUp_002 | Enter a valid username, invalid mail or invalid password. | 1.Enter valid username. 2.Enter valid or invalid mail. 3.Enter valid or invalid password. | Valid app Test Data | username: grocery@gmail.com password: pxx123 | Error message "Invalid username or password" | A popup message box to show an error "invalid username/password" | |

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| TS_GA_005 | Verify the Sign Up functionality of Grocery App SignUp Page | TC_GA_SignUp_003 | Enter valid password, invalid username or invalid mail. | 1.Enter valid or invalid username. 2.Enter valid or invalid mail. 3.Enter valid password. | Valid app Test Data | username: xxxx email: xxxx@gmail.com password: password 123 | Error message "Invalid username or password" | A popup message box to show an error "invalid username/password" | |
| TS_GA_005 | Verify the Sign Up functionality of Grocery App SignUp Page | TC_GA_SignUp_004 | Enter a valid mail, invalid username or password. | 1.Enter valid or invalid username. 2.Enter valid mail. 3.Enter valid or invalid password. | Valid app Test Data | username: xxxx email: grocery@gmail.com password: xxxxx123 | Error message "Invalid username or password" | A popup message box to show an error "invalid username/password" | |
| TS_GA_006 | Check button navigation bar(MENU) of Grocery App | TC_GA_Menu_001 | Click different buttons | 1.Click Home button. | Login | Data is not required. | User should be able to see the Home page | Successful Navigation | Successful Navigation |
| TS_GA_006 | Check button navigation bar(MENU) of Grocery App | TC_GA_Menu_002 | Click different buttons | 1.Click Search button. | Login | Data is not required. | User should be able to see the Search page | Successful Navigation | Successful Navigation |

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| TS_GA_006 | Check button navigation bar(MENU) of Grocery App | TC_GA_Menu_003 | Click different buttons | 1.Click Cart button. | Login | Data is not required. | User should able to see the Cart page | Successful Navigation |
| TS_GA_006 | Check button navigation bar(MENU) of Grocery App | TC_GA_Menu_004 | Click different buttons | 1.Click Campaings button. | Login | Data is not required. | User should able to see the Deals page | Successful Navigation |
| TS_GA_006 | Check button navigation bar(MENU) of Grocery App | TC_GA_Menu_005 | Click different buttons | 1.Click Account button. | Login | Data is not required. | User should able to see the Account page | Successful Navigation |
| TS_GA_007 | Check account page buttons of Grocery App | TC_GA_Account_001 | Click different buttons | 1.Click Profile button. | Login Account Page | Data is not required. | User should able to see the Profile page | Successful Navigation |
| TS_GA_007 | Check account page buttons of Grocery App | TC_GA_Account_002 | Click different buttons | 1.Click Previous Orders button. | Login Account Page | Data is not required. | User should able to see the Previous order page | Successful Navigation |

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| TS_GA_007 | Shows account page buttons of Grocery App | TC_GA_Account_003 | Click different buttons | 1.Click Favorites button | Login Account Page | Data is not required. | User should able to see the Favorites page | Successful Navigation | Successful Navigation |
| TS_GA_007 | Shows account page buttons of Grocery App | TC_GA_Account_004 | Click different buttons | 1.Click Cards button | Login Account Page | Data is not required. | User should able to see the Cards page | Successful Navigation | Successful Navigation |
| TS_GA_007 | Shows account page buttons of Grocery App | TC_GA_Account_005 | Click different buttons | 1.Click Contact button | Login Account Page | Data is not required. | User should able to see the Contact page | Successful Navigation | Successful Navigation |
| TS_GA_007 | Shows account page buttons of Grocery App | TC_GA_Account_006 | Click different buttons | 1.Click Sing Out button | Login Account Page | Data is not required. | User should able to see the login page | Successful Navigation | Successful Navigation |
| TS_GA_007 | Shows account page buttons of Grocery App | TC_GA_Account_007 | Click different buttons | 1.Click Close App button | Login Account Page | Data is not required. | Application should close | Application closes. | Application closes. |
| TS_GA_008 | Shows Contact page and informations of Grocery App | TC_GA_Contact_001 | See necessary information | Control of each information block | Login Account Page | Data is not required. | User should able to see the Contact page | Successful Navigation | Successful |

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| TS_GA_009 | Check functionality of edit profile of Profile Page | TC_GA_Profile_001 | Enter Name and Surname | 1.Enter Name and Surname. 2.Click Submit button. | Login Profile Page | Name: xxxx Surname: xxxxx | Information will change and user should see Profile page | Information Updated Successfully Navigate | Navigate Successful |
| TS_GA_009 | Check functionality of edit profile of Profile Page | TC_GA_Profile_002 | Enter valid username | 1.Enter a valid username 2.Click Submit button. | Login Profile Page | username: grocery | Username will change and user should see Profile page | Username Updated Successfully Navigate | Navigate Successful Navigate |
| TS_GA_009 | Check functionality of edit profile of Profile Page | TC_GA_Profile_003 | Enter invalid username | 1.Enter an invalid username 2.Click Submit button. | Login Profile Page | username: xxxxxx | Error message "Invalid username" | A popup message box to show an error "invalid username" | |
| TS_GA_009 | Check functionality of edit profile of Profile Page | TC_GA_Profile_004 | Enter valid e-mail | 1.Enter a valid e mail. 2.Click Submit button. | Login Profile Page | email:grocery@gmail.com | Email will change and user should see Profile page | Email Updated Successfully Navigate | Successful Navigate |
| TS_GA_09 | Check functionality of edit profile of Profile Page | TC_GA_Profile_005 | Enter invalid email | 1.Enter an invalid e mail. 2.Click Submit button. | Login Profile Page | email:xxx@gmail.com | Error message "Invalid email " | A popup message box to show an error "invalid mail" | |

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| TS_GA_10 | Check functionality of change password of Profile Page | TC_GA_Password_001 | Enter current password, valid new password, same confirm password. | 1.Enter current password. 2.Enter valid new password. 3.Enter same password. | Login Profile Page | current: password 123 new:new pass123 confirm:newpass123 | Password will change and user should see Profile page | Password Updated Successfully Navigate | Successful Navigation |
| TS_GA_10 | Check functionality of change password of Profile Page | TC_GA_Password_001 | Enter invalid current password, valid new password, same confirm password. | 1.Enter invalid current password. 2.Enter valid or invalid new password. 3.Enter same or different password. | Login Profile Page | current: xxxxx123 new:new pass123 / xxxxx confirm:newpass123 / xxx | Error message "Invalid current password" | A popup message box to show an error "Invalid current password" | |
| TS_GA_10 | Check functionality of change password of Profile Page | TC_GA_Password_001 | Enter current password, invalid new password, same confirm password | 1.Enter current password. 2.Enter invalid new password. 3.Enter same or different password. | Login Profile Page | current: password 123 new: xxxxx123 confirm: xxxxx12/xxx34 | Error message "Invalid new password" | A popup message box to show an error "Invalid new password" | |

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| TS_GA_11 | Search products in search page | TC_GA_Search_001 | Enter valid product name | 1. Click input field 2. Enter valid product name 3. click back button | Login Product List Search page | Search: pepsi | Pepsi product card | Pepsi product card with price | |
| TS_GA_11 | Search products in search page | TC_GA_Search_001 | Enter invalid product name | 1. Click input field 2. Enter invalid product name 3. click back button | Login Product List Search page | Search: laptop | Nothing appears | A warning message to show there is no such a thing | |
| TS_GA_12 | Check functionality of edit phone number | TC_GA_Edit_Phone_Num_001 | Enter valid phone number | 1. Click input field 2. Enter valid phone number | Login Profile Page | phone number: +90 xxx xxx xx xx | User should change phone number | Phone number Updated Successful Navigate | Successful Navigate |
| TS_GA_12 | Check functionality of edit phone number | TC_GA_Edit_Phone_Num_001 | Enter valid phone number | 1. Click input field 2. Enter invalid phone number | Login Profile Page | phone number: xxxxxxxx | Error message "Invalid phone number " | A popup message box to show an error "Invalid phone number " | |

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| TS_GA_13 | Check functionality of Card Page | TC_GA_Card_001 | Click different progress buttons | 1.Click increase button. | Login Account Page | current: 4 apple 4 price new:5 apple 5 price | Product will change and user should see Cart page | Product Updated | |
| TS_GA_13 | Check functionality of Card Page | TC_GA_Card_002 | Click different progress buttons | 1.Click decrease button. | Login Account Page | current: 4 apple 4 price new:3 apple 3 price | Product will change and user should see Cart page | Product Updated | |
| TS_GA_14 | Check functionality of edit profile of Profile Page | TC_GA_Profile_006 | Select Valid image | 1.Select a valid image 2.Click Submit button | Login Profile Page | Image: selected | Image will change and user should see Profile Page | Image updated Successful Navigate | Successful Navigate |
| TS_GA_14 | Check functionality of edit profile of Profile Page | TC_GA_Profile_007 | Select Invalid image | 1.Select an invalid image 2.Click Submit button | Login Profile Page | Image: not selected | Error Message "Invalid image" | A popup message box to show an error "invalid image" | |

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| TS_GA_15 | Shows credit cards page of Grocery App | TC_GA_CreditCard_001 | Click different buttons | 1.Click Add button | Login Credit Cards Page | Data is not required. | User should be able to see the Add Credit Card page | Successful Navigate | Successful Navigate |
| TS_GA_16 | Check functionality of adding credit card of Credit Card Page | TC_GA_AddCreditCard_001 | Enter credit card no, expire date, cvv, holder name | 1.Enter valid credit card no 2.Enter valid expire date 3.Enter valid cvv 4. Enter valid holder name | Login Credit Cards Page | credit card no: XXXX XXXX XXXX XXXX expire date: 0X/2X cvv:XXX holder name: Abxxx xxxx | Credit Card will add and user should see Credit Cards page | Credit Card added Successful Navigate | |
| TS_GA_16 | Check functionality of adding credit card of Credit Card Page | TC_GA_AddCreditCard_002 | Enter credit card no, expire date, cvv, holder name | 1.Enter valid credit card no 2.Enter valid expire date 3.Enter valid cvv 4. Enter invalid holder name | Login Credit Cards Page | credit card no: XXXX XXXX XXXX XXXX expire date: 0X/2X cvv:XXX holder name: 5Abxxx xxxx | Error message "Invalid holder name " | A popup message box to show an error "Invalid holder name " | |
| TS_GA_16 | Check functionality of adding credit card of Credit Card Page | TC_GA_AddCreditCard_003 | Enter credit card no, expire date, cvv, | 1.Enter valid credit card no 2.Enter valid | Login Credit Cards Page | credit card no: XXXX XXXX XXXX XXXX XXXX | Error message "Invalid cvv" | A popup message box to show an error | |

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| | | | holder name | expire date 3.Enter invalid cvv 4. Enter valid holder name | | expire date: 0X/2X cvv:XXX holder name: Abxxx xxxx | | "Invalid cvv " | |
| TS_GA_16 | Check functionality of adding credit card of Credit Card Page | TC_GA_AddCreditCard_004 | Enter credit card no, expire date, cvv, holder name | 1.Enter valid credit card no 2.Enter invalid expire date 3.Enter valid cvv 4. Enter valid holder name | Login Credit Cards Page | credit card no: XXXX XXXX XXXX expire date: 0X/1X cvv:XXX holder name: Abxxx xxxx | Error message "Invalid expire date" | A popup message box to show an error "Invalid expire date " | |
| TS_GA_16 | Check functionality of adding credit card of Credit Card Page | TC_GA_AddCreditCard_005 | Enter credit card no, expire date, cvv, holder name | 1.Enter invalid credit card no 2.Enter valid expire date 3.Enter valid cvv 4. Enter valid holder name | Login Credit Cards Page | credit card no: XXXX XXXX XXXX expire date: 0X/2X cvv:XXX holder name: Abxxx xxxx | Error message "Invalid credit card no" | A popup message box to show an error "Invalid credit card no " | |
| TS_GA_17 | Check buttom navigation bar(CAHSIERMENU) of Grocery App | TC_GA_CashierMenu_001 | Click different buttons | 1.Click Today's Order button. | Login Cashier Page | Data is not required. | User should be able to see the Today's | Successful Navigate | Successful Navigate |

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| | | | | | | | Order page | | |
| TS_GA_17 | Check button navigation bar(CAHSIERMENU) of Grocery App | TC_GA_CashierMenu_002 | Click different buttons | 1.Click search button. | Login Cashier Page | Data is not required. | User should be able to see the Search page | Successful Navigate | Successful Navigate |
| TS_GA_18 | Check button navigation bar(CAHSIERMENU) of Grocery App | TC_GA_Today's Order_001 | Click different buttons | 1.Click given order button. | Login Cashier Page | Data is not required. | Extended tab for detailed order | Order Details is shown | |
| TS_GA_18 | Check button navigation bar(CAHSIERMENU) of Grocery App | TC_GA_Today's Order_002 | Click different buttons | 1.Click info button. | Login Cashier Page | Data is not required. | User should be able to see the total product's page | Successful Navigate | |
| TS_GA_19 | Check button navigation bar(CAHSIERMENU) of Grocery App | TC_GA_SearchOrder_001 | Click different buttons | 1.Click search button. | Login Cashier Page | item: xxxx | User should be able to see searched product | Searched product is shown | |