



**Sri Lanka Institute of Information Technology**

## **Lab Sheet 06**

**SE3050 – User Experience Engineering – 2021**

Group ID: 2021S1\_JUNE\_WD\_09

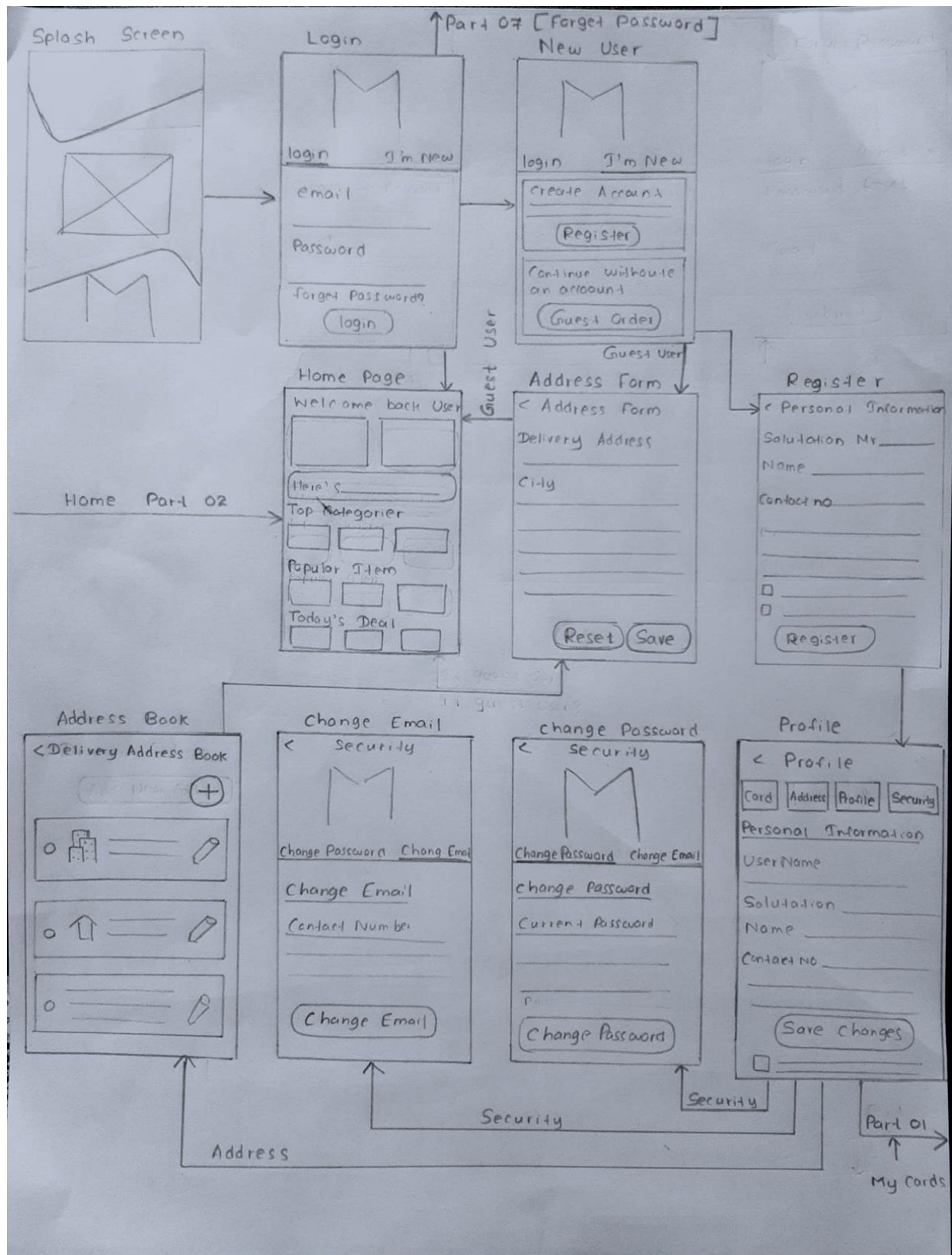
Submitted by:

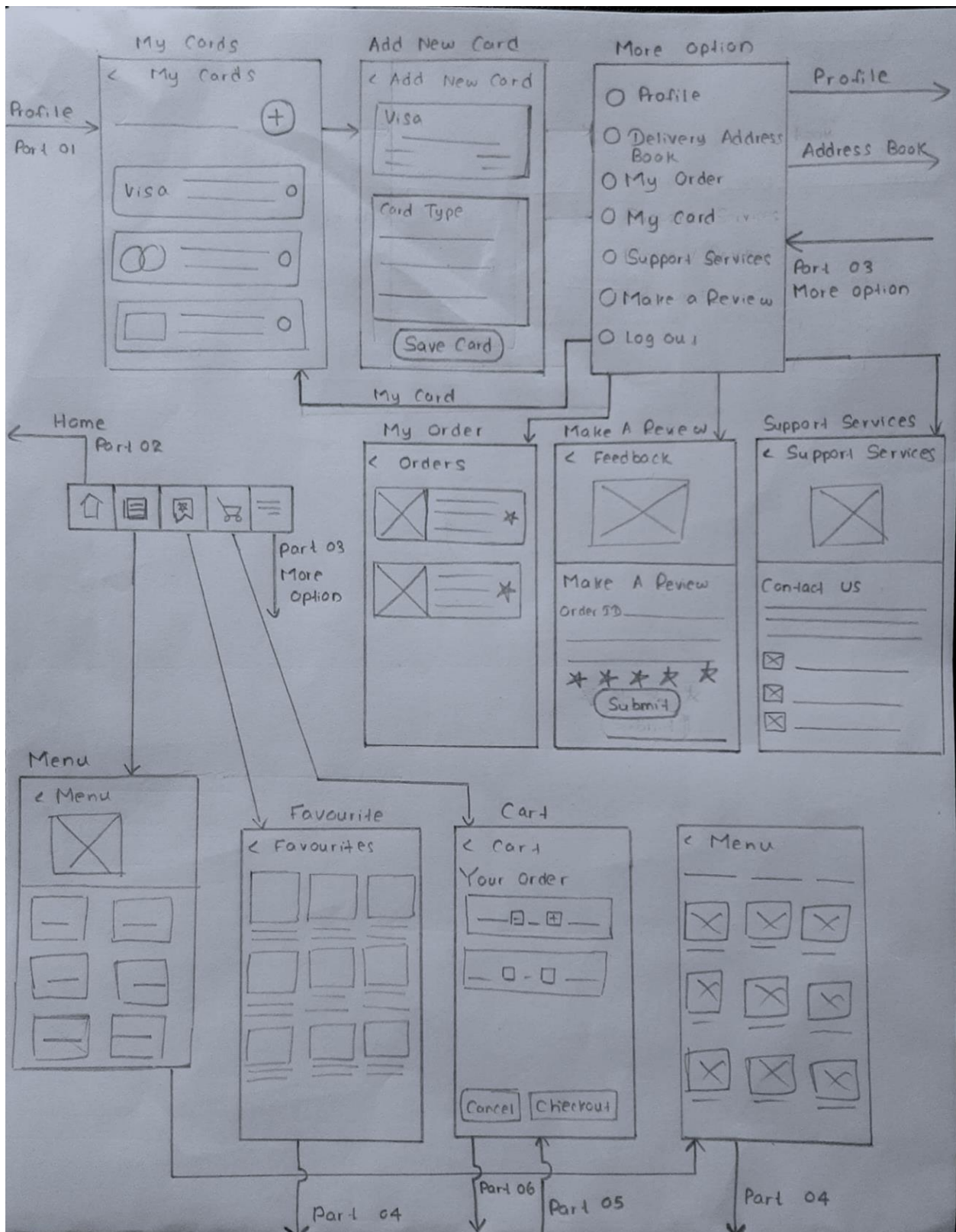
1. IT19962726 – Kodithuwakku K.M.K.L
2. IT19973166 – Kariyawasam H.G.P
3. IT19973098 – Thathsarani R.P.G.T
4. IT19977508 – Munasinghe D.D.S

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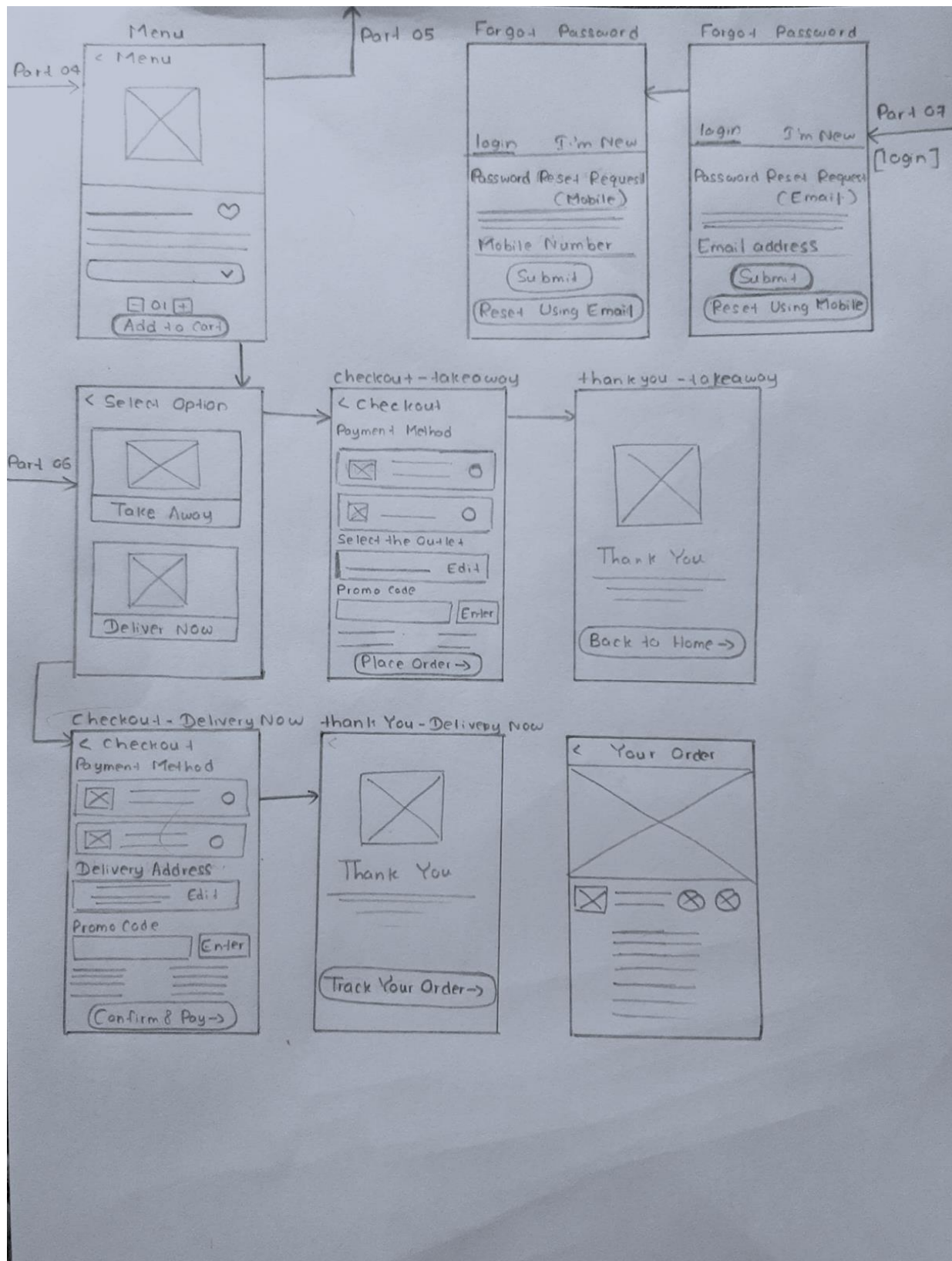
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## Sketches

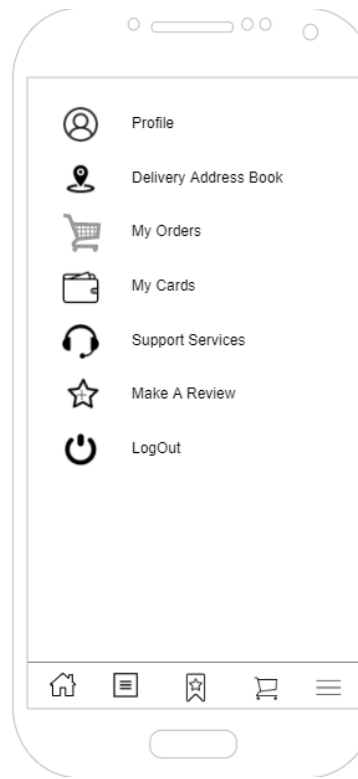
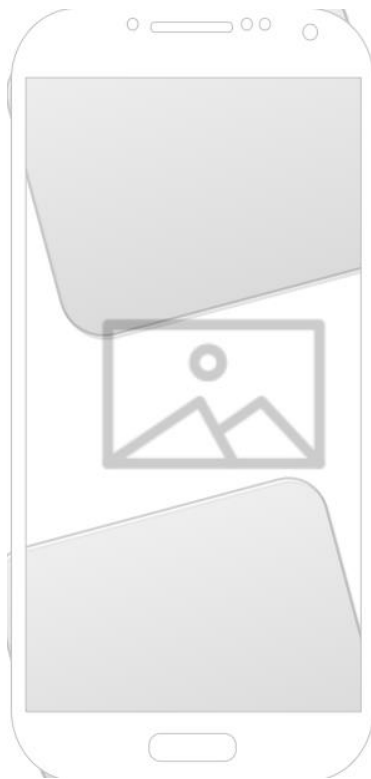








## Wireframes



Profile

Cards Address Profile Security

**Personal Information**

UserName

Salutation Mrs

Name

Contact No

Date of Birth

Email

Save Changes

☐ I want to delete my account and here by take all the consequences of deleting the account.

Security

Change Password Change Email

**Change Password**

Current Password

New Password

Confirm Password

Change Password

Support Services

**Contact Us**

If you have any questions , queries or issues regarding the deliveries please send us an email or call to our call center.

0115 555 555

0751 145 145

customersupport@mcdelivery.lk

Security

Change Password Change Email

**Change Email**

Contact Number

Current Email

New Email

Change Email

FeedBack

**Make A Review**

Order ID :

Review On : Food Review

Suggestions :

Complaint :

Rate Order : ☆ ☆ ☆ ☆ ☆

Submit

For further Inquires Support Services

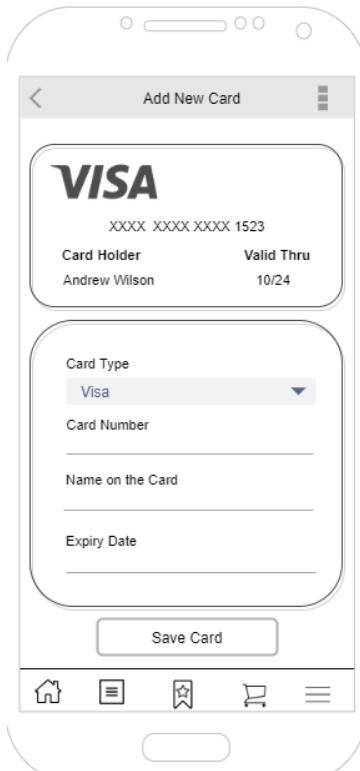
My Cards

Select your card or add new card

default VISA XXXX XXXX XXXX 1245 Andrew Wilson 12/24

mastercard XXXX XXXX XXXX 1245 Andrew Wilson 12/24

AMERICAN EXPRESS XXXX XXXX XXXX 1245 Andrew Wilson 12/24



**Add New Card**

**VISA**

XXXX XXXX XXXX 1523

**Card Holder** Andrew Wilson **Valid Thru** 10/24

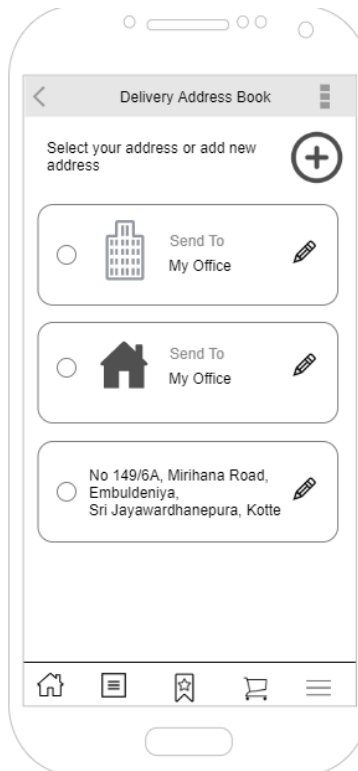
**Card Type**  
 Visa

**Card Number**

**Name on the Card**


**Expiry Date**


Save Card



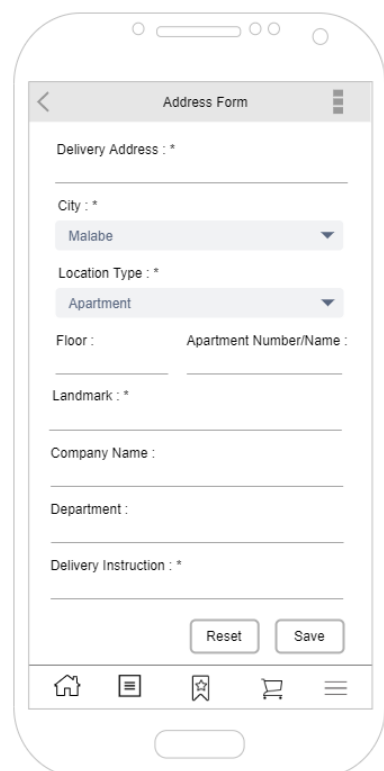
**Delivery Address Book**

Select your address or add new address

☐  Send To My Office

☐  Send To My Office

☐ No 149/6A, Mirihana Road, Embuldeniya, Sri Jayawardhanapura, Kotte



**Address Form**

Delivery Address : \*

City : \*  
 Malabe

Location Type : \*  
 Apartment

Floor : Apartment Number/Name :

Landmark : \*

Company Name :

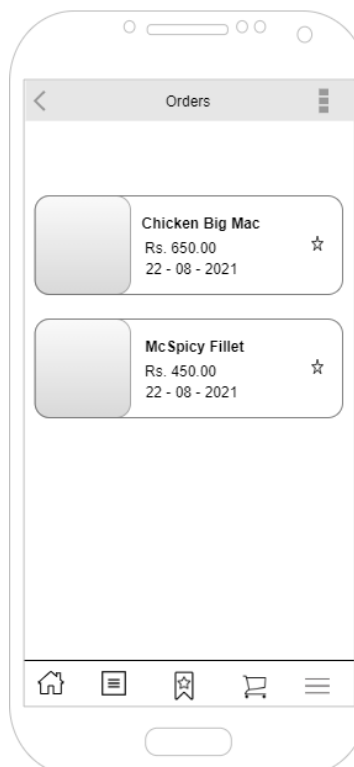
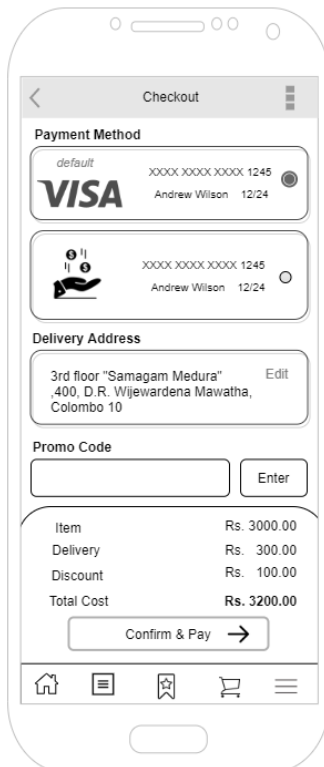
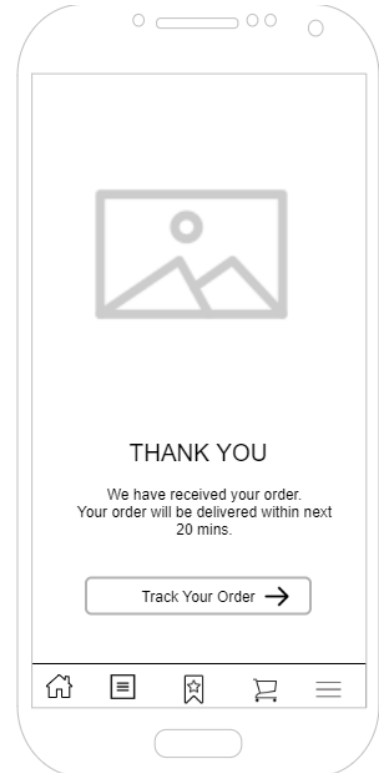
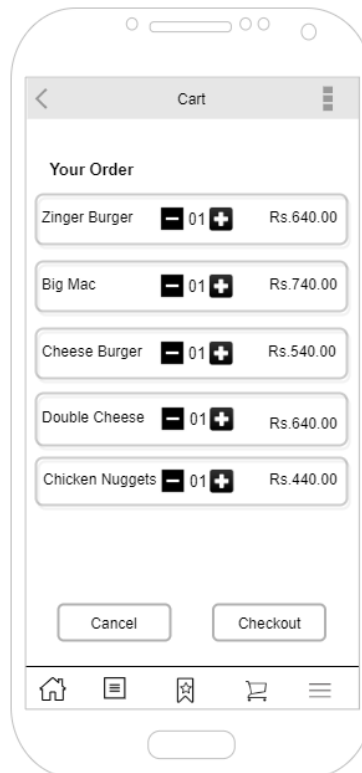
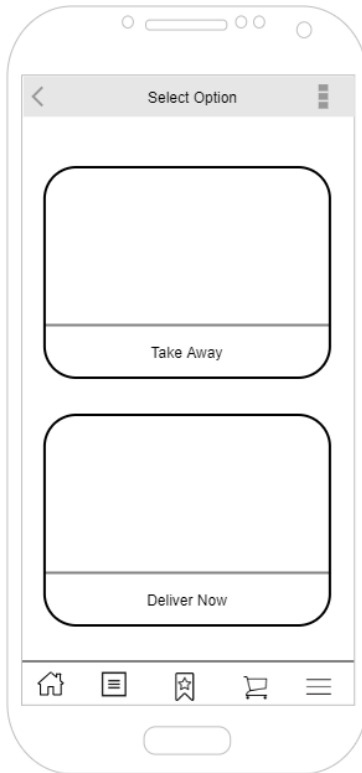
Department :

Delivery Instruction : \*

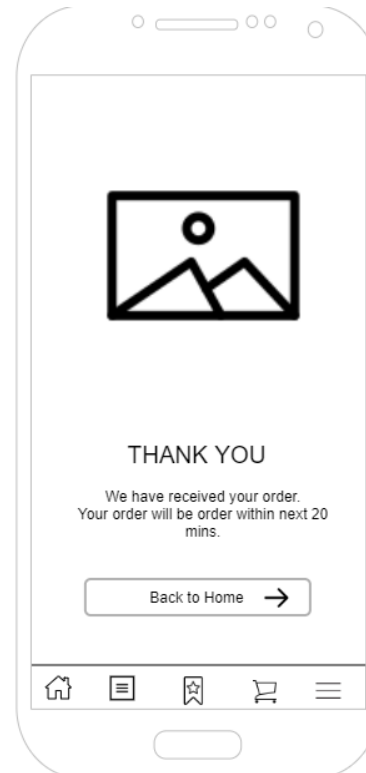
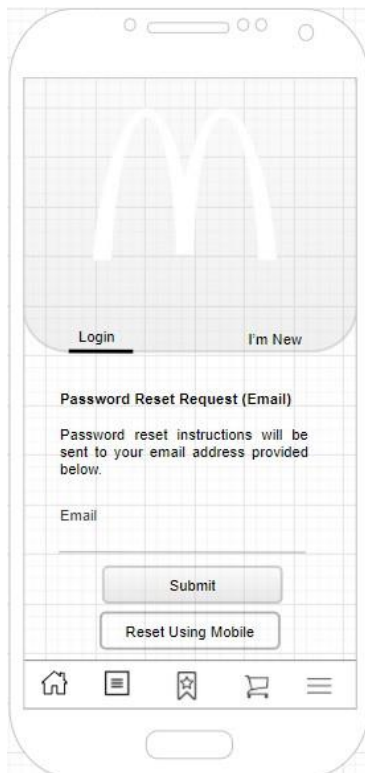
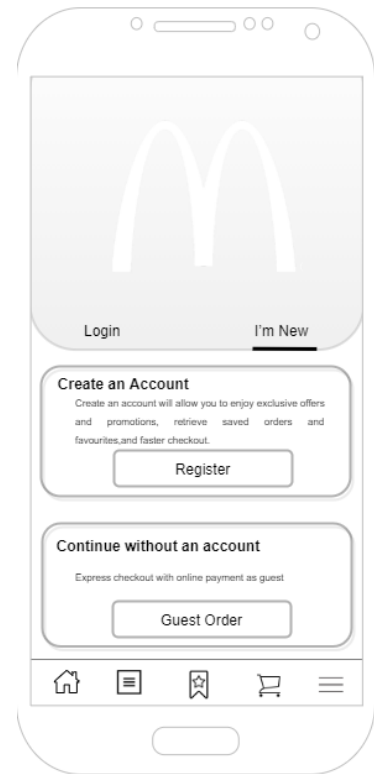
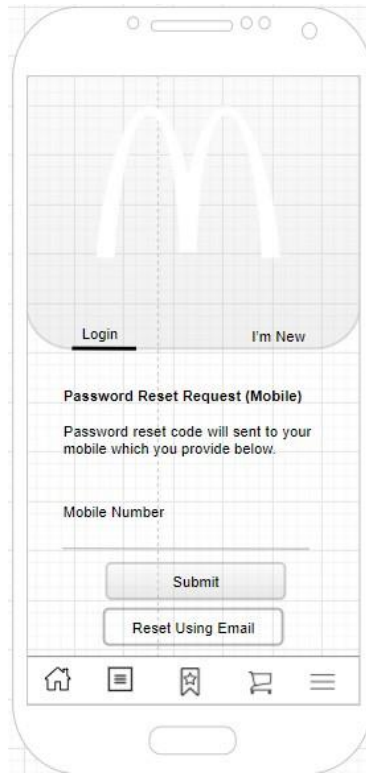
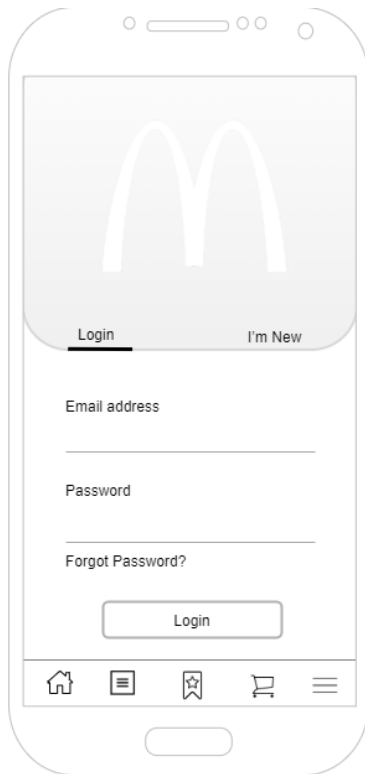
Reset Save

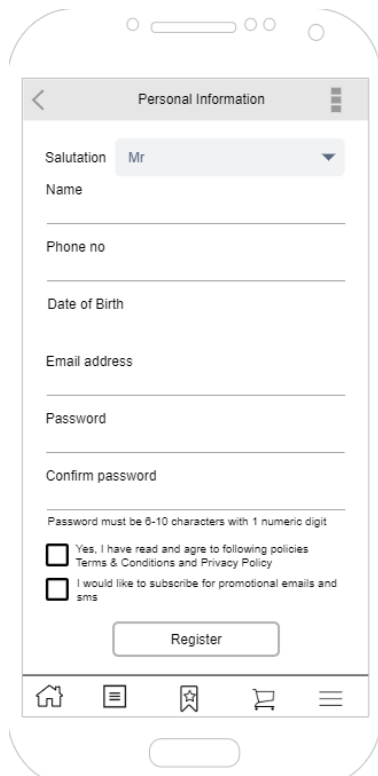


**IT19962726**



**rT19973098**





A mobile application interface for a registration form titled "Personal Information". The screen is displayed on a smartphone with a notch at the top. The form includes a back arrow, a title bar, and a hamburger menu. The fields are: Salutation (dropdown menu with "Mr" selected), Name (text input), Phone no (text input), Date of Birth (text input), Email address (text input), Password (text input), and Confirm password (text input). Below the password fields is a note: "Password must be 8-10 characters with 1 numeric digit". There are two checkboxes: "Yes, I have read and agree to following policies Terms & Conditions and Privacy Policy" and "I would like to subscribe for promotional emails and sms". A "Register" button is at the bottom of the form. The bottom navigation bar has five icons: Home, List, Favorites, Cart, and Menu.

Personal Information

Salutation Mr

Name

Phone no

Date of Birth

Email address

Password

Confirm password

Password must be 8-10 characters with 1 numeric digit

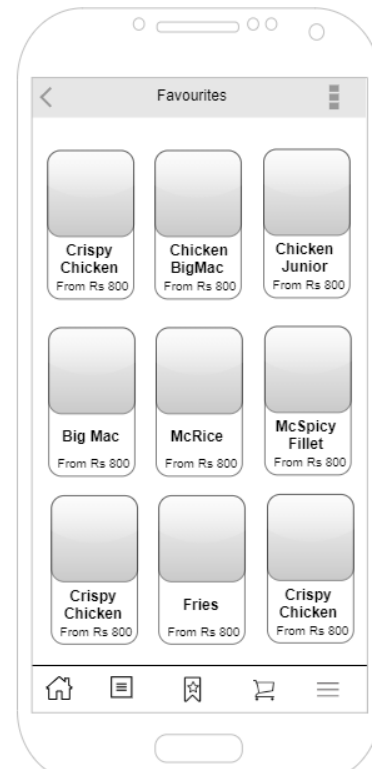
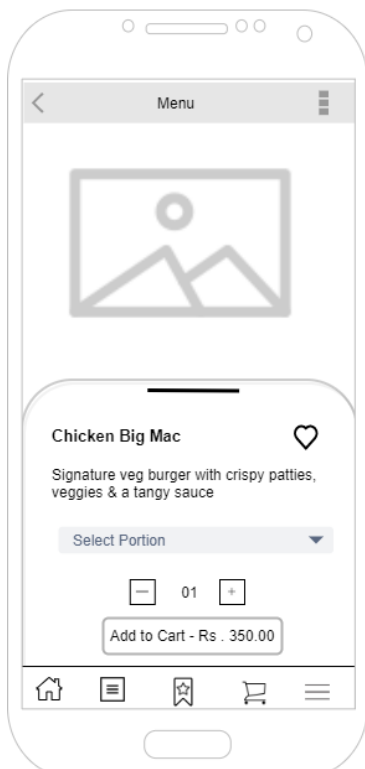
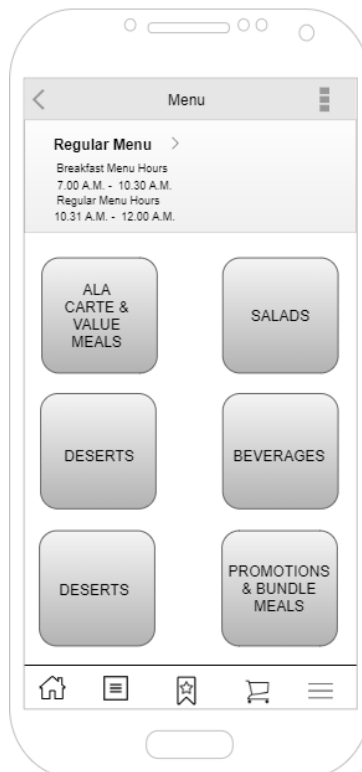
☐ Yes, I have read and agree to following policies Terms & Conditions and Privacy Policy

☐ I would like to subscribe for promotional emails and sms

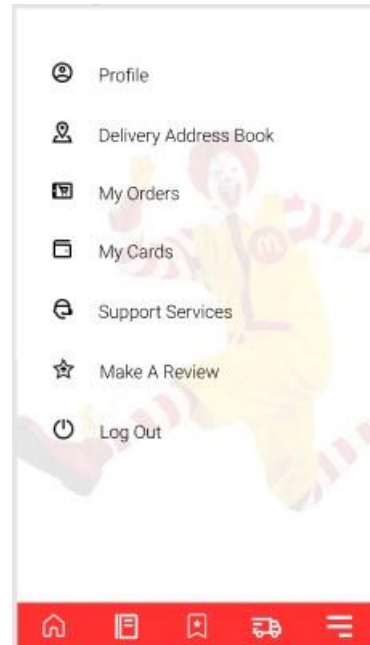
Register

Home List Favorites Cart Menu

**IT19977508**



## High Fidelity Diagrams – version 1.0



<

Security

Change Password

Current Password

New Password

Re-enter Password

Password must be 6-10 characters with 1 numeric digit

Change Password

Change Email

Contact Number

Current Email

New Email

Change Email

Home

Document

Bookmark

Truck

Menu

<

Support Services



Contact Us

If you have any questions , queries or issues regarding the deliveries please send us an email or call to our call center.

Phone

0115 555 555

Chat

0751 145 145

Email

customersupport@mcdelivery.lk

Home

Document


Bookmark

Truck

Menu

<

FeedBack



Make A Review

Order ID

Review On

Suggestions

Complaints

Rate Order

Submit

For further Inquires [Support Services](#)

Home

Document

Bookmark

Truck

Menu

<

Profile

Cards

Address

Profile

Security

Personal Information

UserName:

Salutation

Name

Contact No

Date of Birth

Email Address

Save Changes

☐ I want to delete my account and here by take all the consequences of deleting the account

Home

Document

Bookmark

Truck

Menu

<

My Cards

Select your card or add a new card

+

default

VISA

XXXX XXXX XXXX 1425

Andrew Wilson

10/24

mastercard

XXXX XXXX XXXX 5678

Andrew Wilson

12/26

AMERICAN EXPRESS

XXXX XXXX XXXX 7812

Andrew Wilson

05/22

Home

Document

Bookmark

Truck

Menu

<

Add New Card

VISA

XXXX XXXX XXXX 1425

Card Holder

Andrew Wilson

Valid Thru

10/24

Card Type:

Card Number :

Name on Card :

Expiry Date :

Save Card

Home

Document

Bookmark

Truck

Menu



**Delivery Address Book**

[+ Add New Address](#)

☐


SEND TO  
My Office



☒


SEND TO  
My Home



☐

No 149/6A, Minihana Road,  
Embuldeniya,  
Sri Jayawardhanepura, Kotte



Home | Address Book | Delivery Address Book | Delivery | Menu

**Address Form**

Delivery Address : \*

City : \*

Location Type : \*

Floor : Apartment Number/Name :

Landmark : \*

Company Name :

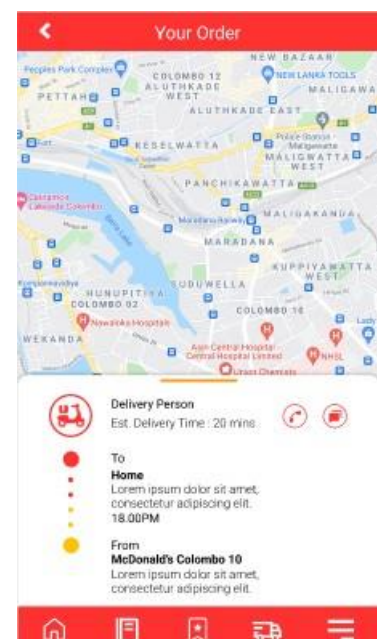
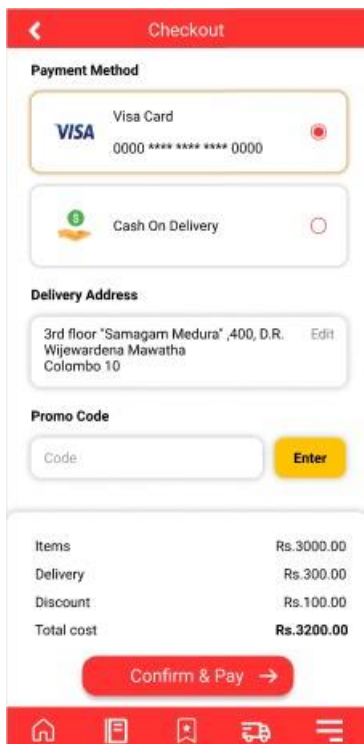
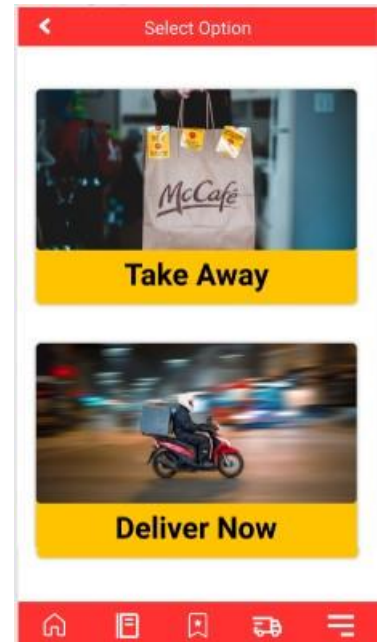
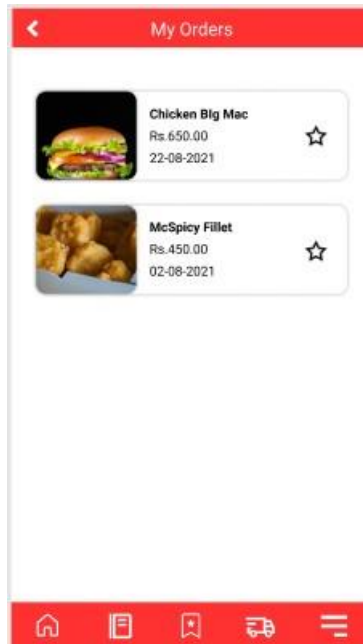
Department :

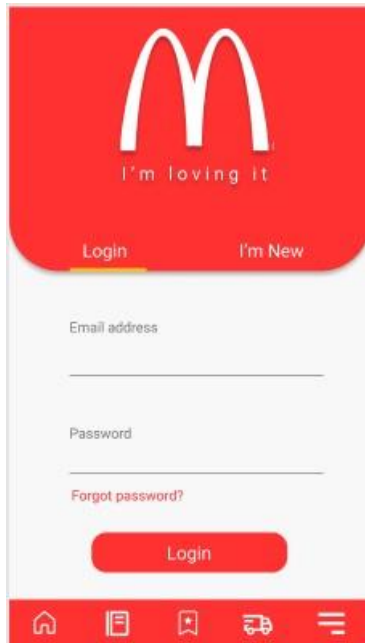
Delivery Instructions : \*

[Reset](#) [Save](#)

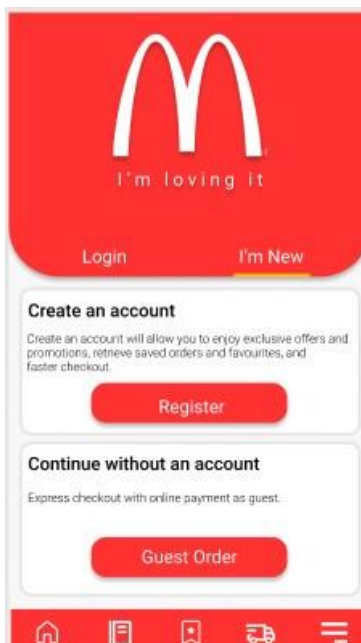
Home | Address Book | Address Form | Delivery | Menu

**IT19962726**

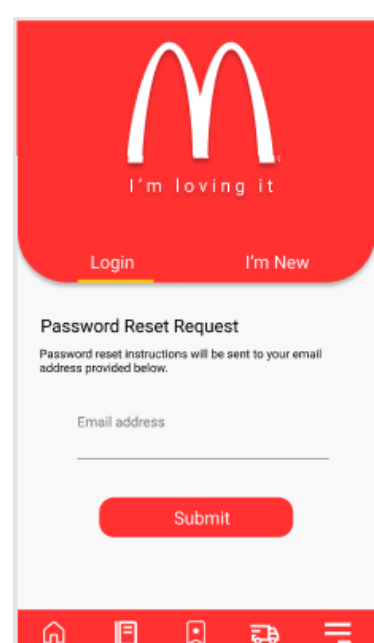




McDonald's app login screen. The header features the McDonald's logo and the slogan "I'm loving it". Below the header, there are two tabs: "Login" (selected) and "I'm New". The main content area contains a form with fields for "Email address" and "Password", a "Forgot password?" link, and a "Login" button. The bottom navigation bar includes icons for Home, Search, Favorites, Cart, and Menu.



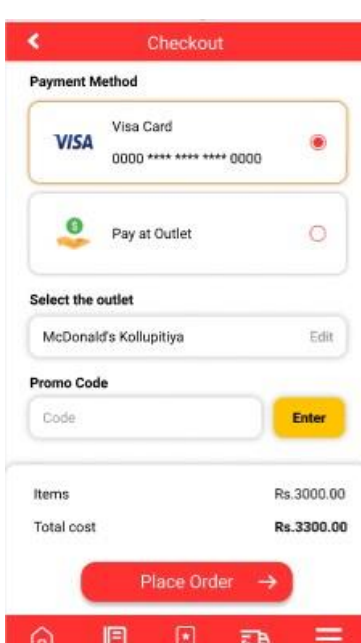
McDonald's app "Create an account" screen. The header features the McDonald's logo and the slogan "I'm loving it". Below the header, there are two tabs: "Login" and "I'm New" (selected). The main content area contains a "Create an account" section with a "Register" button, and a "Continue without an account" section with a "Guest Order" button. The bottom navigation bar includes icons for Home, Search, Favorites, Cart, and Menu.



McDonald's app "Password Reset Request" screen. The header features the McDonald's logo and the slogan "I'm loving it". Below the header, there are two tabs: "Login" (selected) and "I'm New". The main content area contains a "Password Reset Request" section with a "Submit" button. The bottom navigation bar includes icons for Home, Search, Favorites, Cart, and Menu.



McDonald's app "Personal Information" screen. The header features a back arrow and the title "Personal Information". The main content area contains a form with fields for "Salutation" (Mr), "Name", "Contact No", "Date of Birth", "Email address", "Password", and "Confirm password". There are also checkboxes for "Yes, I have read and agree to following policies Terms & Conditions and Privacy Policy" and "I would like to subscribe for promotional emails and sms". A "Register" button is at the bottom. The bottom navigation bar includes icons for Home, Search, Favorites, Cart, and Menu.

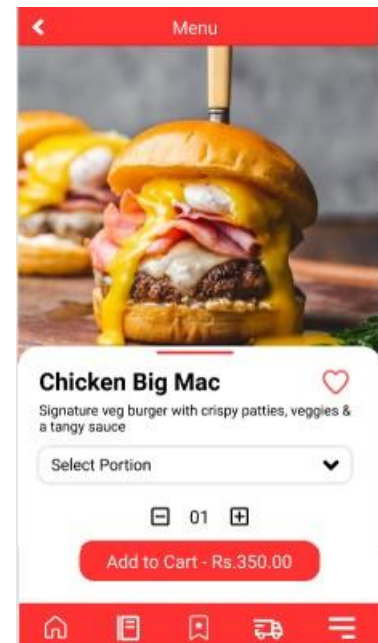


McDonald's app "Checkout" screen. The header features a back arrow and the title "Checkout". The main content area contains a "Payment Method" section with "VISA" and "Pay at Outlet" options, a "Select the outlet" section with "McDonald's Kollupitiya" selected, a "Promo Code" section with an "Enter" button, and a summary section showing "Items" for Rs.3000.00 and "Total cost" for Rs.3300.00. A "Place Order" button is at the bottom. The bottom navigation bar includes icons for Home, Search, Favorites, Cart, and Menu.



McDonald's app "THANK YOU" screen. The header features a back arrow and the title "THANK YOU". The main content area contains a "THANK YOU" message, a "We have received your order. You can collect your order within next 20 mins." message, and a "Back to Home" button. The bottom navigation bar includes icons for Home, Search, Favorites, Cart, and Menu.

**IT19977508**



## User Feedback for Prototype 1.0

### **Link for Interview:**

<https://drive.google.com/file/d/10bmPKil7PvuC3ukyy8noY3reuVbI0I6x/view?usp=sharing>

### **Script**

Hello....., thank you again for spending your precious time with us to complete this research study.

Before we start I will provide you a brief overview on the overall process of today's test that we will be conducting.

The session today will be straightforward – I'll be providing you several tasks to complete and along with that I will ask some questions regarding that. So with each task, before you begin I will provide you brief context on what you might be doing and hope to achieve

Also I would like to mention that we are only testing on the prototype that we have developed according to the requirements gathered during the previous interview session. So please feel free to make any comments regarding anything you like or dislike when doing the task, especially if you are confused it won't hurt our feelings just freely express your ideas.

Once more, I'd like you to "think aloud" as much as possible. By that, I mean that I'd like you to speak your thoughts as often as you can while going through the task. For example, you may be looking at a page, suddenly feels like this needs to be changed in color or font size or even something more than that so please let us know.

If at any point you have questions, please don't hesitate to ask. Do you have any questions so far? Ok, Let's get started.

First, just tell any thoughts you have about the McDelivery App?

[Background Info: For a first timer user of the app, the facility to register with the application is provided. And for a user that does not want to register can simply continue his/her journey as a guest user and place the orders.]

### **TASK 1**

1. Assuming that you are a new user of the application please try to register to the app?

Expected Actions:

1. Clicks on "I'm New" section

2. Clicks “Register” Button
3. Fill’s Personal Information form
4. Clicks the “Register” button

- 1) Did you understand how to access the register option?
- 2) Were there any confusions when registering?

[Background Info: For a registered user, by mistake if they forget their password he/she can request for a password change]

## **TASK 2**

1. Since you are already registered to the mobile app, can you try to reset password assuming that you have forgotten your password?

Expected actions:

1. Open the app
2. Select option as forget password.
3. Enter email address and submit.

- 1) So, can you understand the process of password resetting?
- 2) Do you have any suggestions to improve this password resetting process?
- 3) Overall about the password reset process, what is your opinion?

[Background Info: Either as a registered user or a guest user by using the app, by adding all the food items to the cart, user can check-out the delivery as a deliver now or a take-away and track the order if it is a deliver now order.]

## **TASK 3**

1) Can you try to add some items to the cart try to proceed with the checkout?

Expected Actions:

1. From the selected single food item click add to cart. (Add items as required)
2. Can make changes to the cart by clicking on edit option.
3. Click on checkout button.



4. Clicks on either take-away or deliver now option
5. Select the payment option and delivery address
6. Confirm the order
  - a) If take-away option selected – directed back to home page
  - b) If deliver now option selected –

Clicks on track order button.

- 1) When editing the cart can you understand how the procedure works?
- 2) How about take-away and deliver now options?
- 3) Did you have any trouble in accessing the cart back and forth?
- 4) What is your idea upon take-away option?
- 5) Other than the questioned I asked, are there any issues you would like to mention?

[Background Info: For a registered user who is already logged into the app, can make changes within the user profile by either adding a new delivery address or linking a new card or make some security changes such as changing password or email and then save those details.]

#### **TASK 4**

- 1) Assuming that you are successfully logged into the app, can you try to make some changes within the profile details like add new address or card or make security changes in any order you prefer?

Expected Actions:

1. Clicks on the more option Icon
2. Clicks on My Profile Option
3. Clicks on either Cards button / Address button / Security button
  - a) If Cards button clicked
    1. Clicks the plus button
    2. Add a new card detail and save
  - b) If Address button clicked
    1. Click the “Add new address button”
    2. Add a new address and save
  - c) If Security button clicked

### 1. Change the password or email.

- 1) So did you understand that to access the user profile, you will have to make use of the “more” icon option?
- 2) How was the navigation and processing within the address list and card list?
- 3) Now in the address form you will have to input your address as text but not as several drop downs? Is it troublesome to type the address?
- 4) When having to change the password, are there any confusion?
- 5) Could you successfully delete the cards and addresses as needed?

*[Background Info: After receiving the delivery the registered users who are logged into the app can provide a feedback by making a review on the delivery or the food delivered.]*

### **TASK 5**

1. Assuming the fact that you have received the requested order as a registered user can you try to make access the feedback option?

Expected Actions:

1. Clicks on the more option Icon
2. Clicks on Make a Review Option
3. Add a review and submit.

- 1) For the order Id input, do you understand what it is?
- 2) The dropdown to select what the review is about, was it confusing for you to understand?
- 3) What is your overall opinion on feedback function?

*[Background Info: For both unregistered and registered users the app provides the ability to view the food items however only a logged in user has the ability mark food items as favorites and view the marked favorites in a list]*

### **TASK 6**

1. Assuming that you are logged in to the app, can you try to mark food item as your favorites and view them?

Expected actions:

1. Navigate to menu.
2. Select one food item and view it.
3. Click on heart icon to mark it as favorite.
4. Click on favorite list icon to favorite food list.

1) Do you perhaps agree with the requirement of a mark favorite option when we view a single food item?

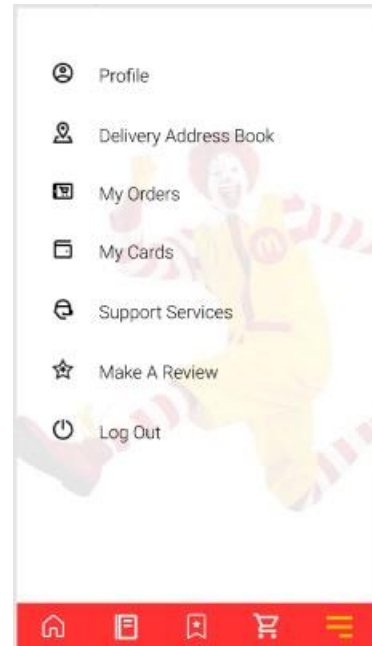
2) Tell me your experience on the task which was assigned for you.

3) Are there any suggestions that you like to include in this process?

Q)That concludes all the tasks to be done in this session so furthermore, did you come across any kind of icons or images that caused you be confused about what you were supposed to do?


Then that's concludes our session, if you have any questions please feel free to ask and thankyou for participating.

## High Fidelity Diagrams – version 2.0



**IT19973166**

< Add New Card

  
XXXX XXXX XXXX 1425  
Card Holder: Andrew Wilson Valid Thru: 10/24

Card Type: Visa  
Card Number:  
Name on Card:  
Expiry Date:

Save Card

Home, Document, Bookmark, Cart, Menu

< Address Form

Delivery Address: \*

City: \*

Location Type: \*

Floor: Apartment Number/Name:

Landmark: \*

Company Name:

Department:

Delivery Instructions: \*

Reset Save

Home, Document, Bookmark, Cart, Menu

< Security

  
I'm loving it

Change Password Change Email

Change Email

Contact Number

Current Email

New Email

Change Email

Home, Document, Bookmark, Cart, Menu

< Security

  
I'm loving it

Change Password Change Email

Change Password

Current Password

New Password

Re-enter Password

Password must be 6-10 characters with 1 numeric digit

Change Password

Home, Document, Bookmark, Cart, Menu

< Support Services



Contact Us

If you have any questions, queries or issues regarding the deliveries please send us an email or call to our call center.

0115 555 555

0751 145 145

customersupport@mcdelivery.lk

Home, Document, Bookmark, Cart, Menu

< Delivery Address Book

Select your address or add a new address

SEND TO My Office

default SEND TO My Home

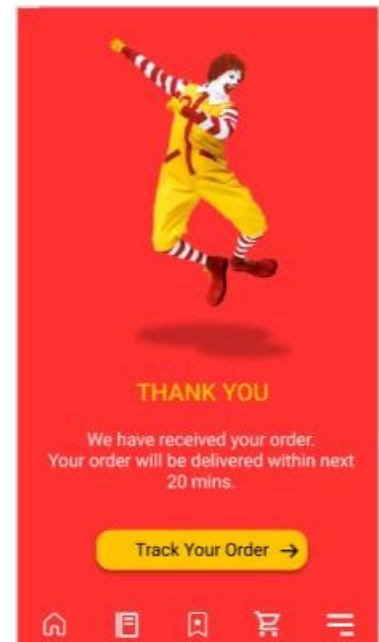
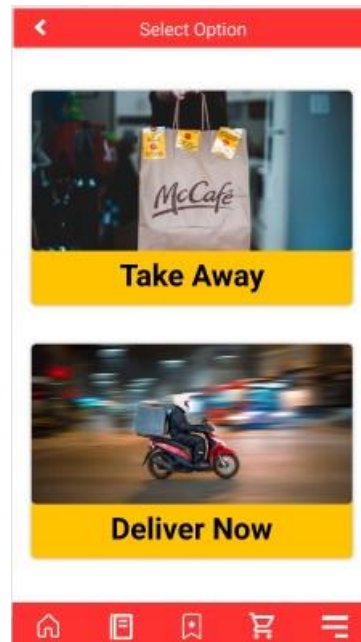
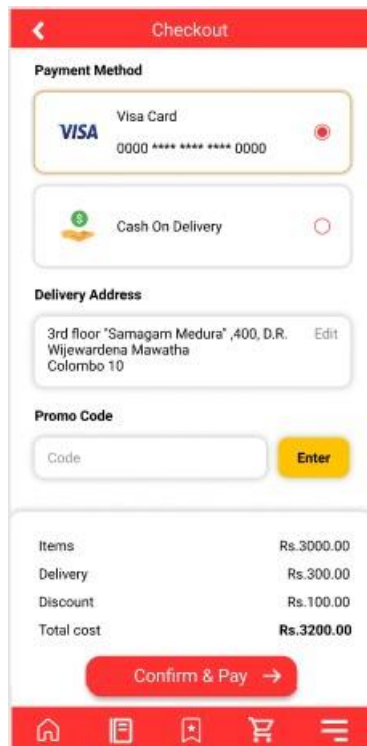
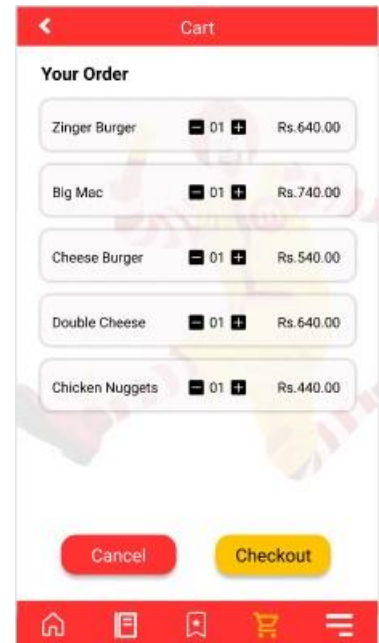
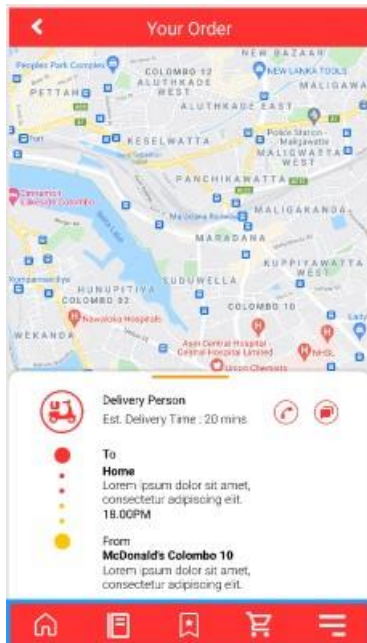
No 149/6A, Mirihana Road, Embuldeniya, Sri Jayawardhanapura, Kotte

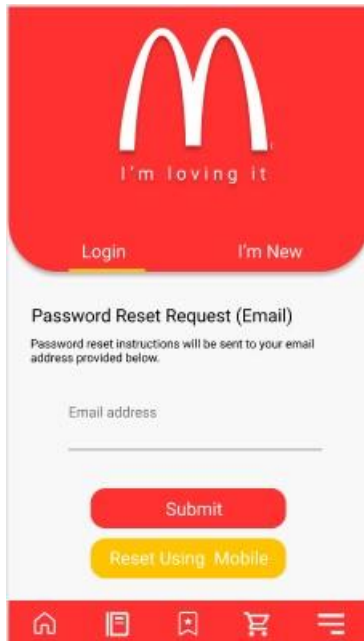
Home, Document, Bookmark, Cart, Menu



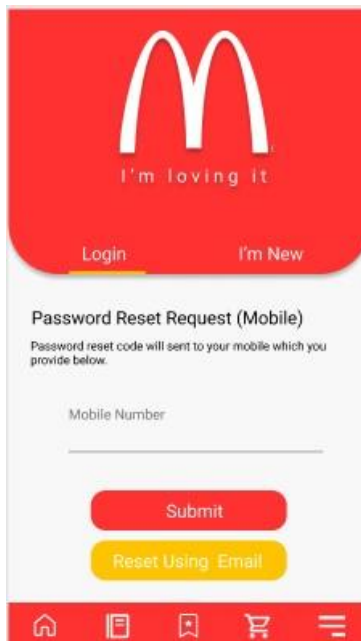


**IT19962726**

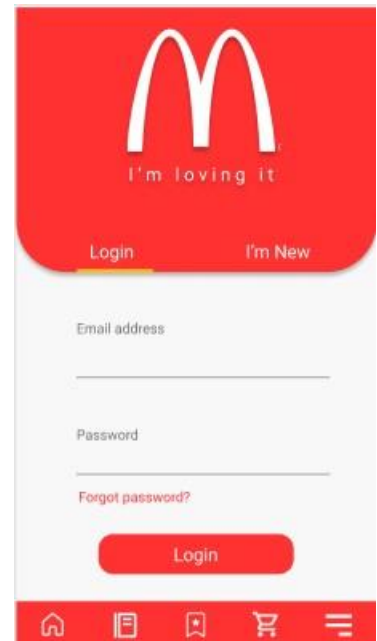




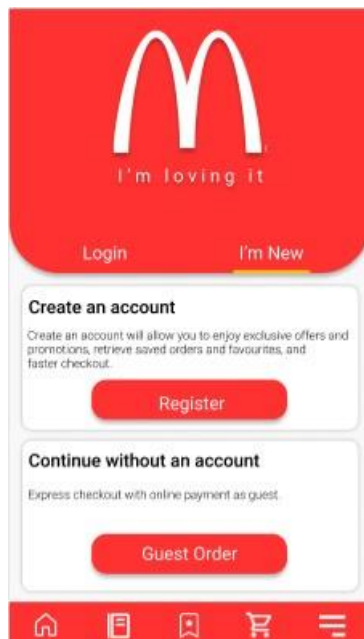
McDonald's app interface for Password Reset Request (Email). The screen features the McDonald's logo and "I'm loving it" slogan at the top. Below the logo are "Login" and "I'm New" buttons. The main heading is "Password Reset Request (Email)" with a subtext: "Password reset instructions will be sent to your email address provided below." There is an input field for "Email address" and two buttons: "Submit" and "Reset Using Mobile". The bottom navigation bar includes icons for home, list, favorites, cart, and menu.



McDonald's app interface for Password Reset Request (Mobile). The screen features the McDonald's logo and "I'm loving it" slogan at the top. Below the logo are "Login" and "I'm New" buttons. The main heading is "Password Reset Request (Mobile)" with a subtext: "Password reset code will sent to your mobile which you provide below." There is an input field for "Mobile Number" and two buttons: "Submit" and "Reset Using Email". The bottom navigation bar includes icons for home, list, favorites, cart, and menu.



McDonald's app interface for Login. The screen features the McDonald's logo and "I'm loving it" slogan at the top. Below the logo are "Login" and "I'm New" buttons. There is an input field for "Email address" and another for "Password". A link "Forgot password?" is visible. A "Login" button is at the bottom. The bottom navigation bar includes icons for home, list, favorites, cart, and menu.



McDonald's app interface for Create an account. The screen features the McDonald's logo and "I'm loving it" slogan at the top. Below the logo are "Login" and "I'm New" buttons. The main heading is "Create an account" with a subtext: "Create an account will allow you to enjoy exclusive offers and promotions, retrieve saved orders and favourites, and faster checkout." There is a "Register" button. Below this is a section "Continue without an account" with a subtext: "Express checkout with online payment as guest." and a "Guest Order" button. The bottom navigation bar includes icons for home, list, favorites, cart, and menu.



McDonald's app interface for Personal Information. The screen features a back arrow and the title "Personal Information". There are input fields for "Salutation" (set to "Mr"), "Name", "Contact No", "Date of Birth", "Email address", "Password", and "Confirm password". A note states: "Password must be 6-10 characters with 1 numeric digit." There are two checkboxes: "Yes, I have read and agree to following policies Terms & Conditions and Privacy Policy" and "I would like to subscribe for promotional emails and sms". A "Register" button is at the bottom. The bottom navigation bar includes icons for home, list, favorites, cart, and menu.



McDonald's app interface for Thank You. The screen features a large illustration of Ronald McDonald. Below the illustration is the text "THANK YOU" and "We have received your order. You can collect your order within next 20 mins." A "Back to Home" button with a right arrow is at the bottom. The bottom navigation bar includes icons for home, list, favorites, cart, and menu.

Checkout

Payment Method

Visa Card

0000 \*\*\*\* \* 0000

Pay at Outlet

Select the outlet

McDonald's Kollupitiya

Edit

Promo Code

Code

Enter

Items

Rs.3000.00

Total cost

Rs.3300.00

Place Order

