SECJ3623 MOBILE APPLICATION PROGRAMMING

LOW FIDELITY DESIGN

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SECTION: 01

GROUP : CLOVERS

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Section A: User Flow Diagrams

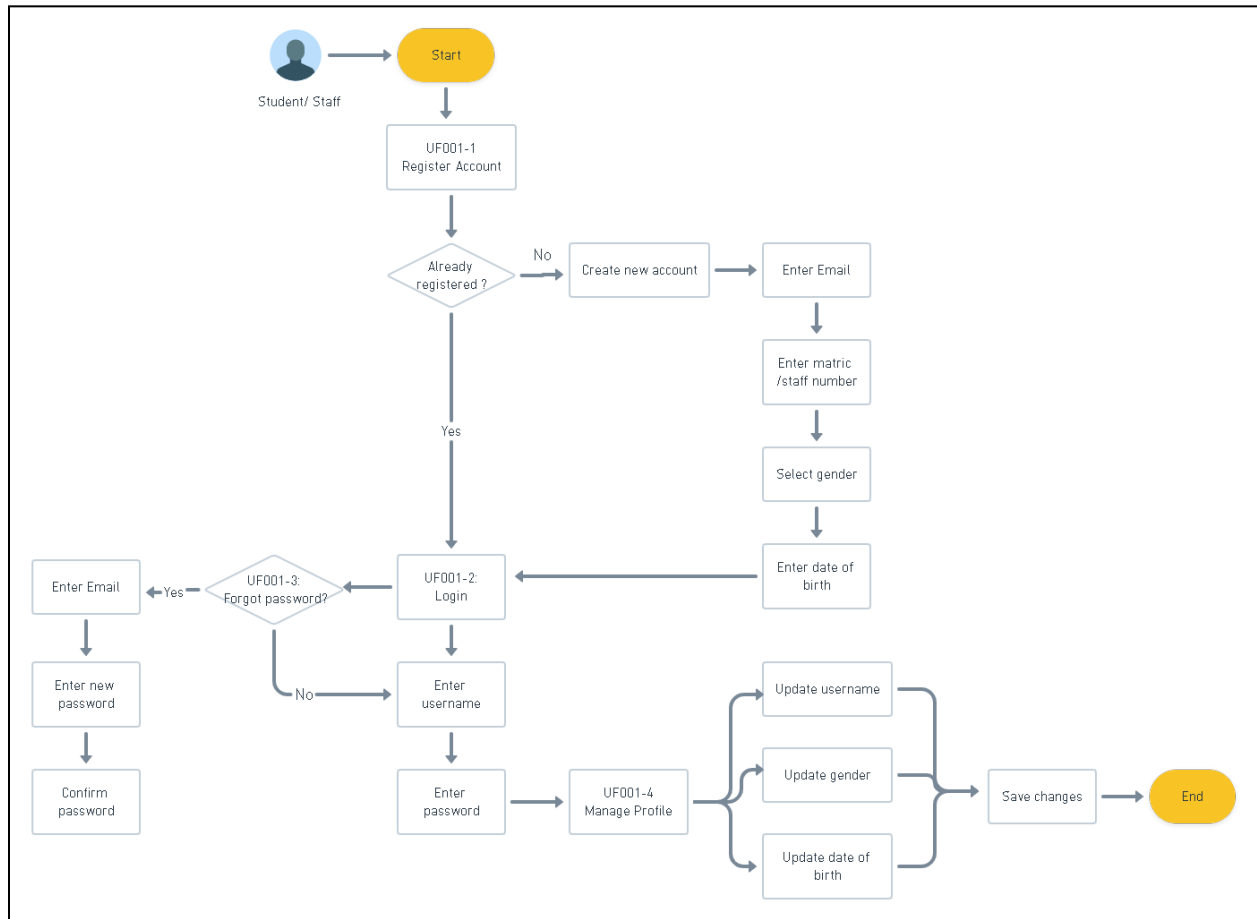**1.1 UF001: Manage Account User Flow Diagram**

This is the flow diagram for Manage Account. The type of user that will perform this activities are students and staff. The goal for this flow is to manage the account including register account, login account, reset password, and manage profile.

Flow ID : UF001 - 1	User Type : Student/Staff UTM
User stories reference: As a student or staff, I want to register an account so that I can access the application.	
Goal: This user story is to let users register an account before proceeding with booking.	
Diagram Flow: 1. If the user does not have an account before, they can register a new account. 2. Enter email 3. Enter matric/staff no 4. Select gender 5. Enter date of birth 6. Prompt register successfully message	

Flow ID : UF001 - 2	User Type : Student/Staff UTM
User stories reference: As a student or staff, I want to login to the account so that I can book the room.	
Goal: The user can login to the account after register successfully.	
Diagram Flow: 1. After the user register successfully, they can login to the account for booking. 2. Enter username 3. Enter password 4. Login Successfully to the application	

Flow ID : UF001 - 3	User Type : Student/Staff UTM

User stories reference:
As a student or staff, I want to reset my password if forgotten.

Goal:
The application let user to reset password in case they forgot password

Diagram Flow:
1. The user can click reset password to reset.
2. Enter email
3. Enter new password
4. Re-enter new password
5. Reset password successfully message pop up

Flow ID : UF001 - 4	User Type : Student/Staff UTM

User stories reference:
As a student or staff, I want to manage my account profile so that I can view and edit my profile

Goal:
The user can view and update their profile if they wish to update.

Diagram Flow:
1. The user can click on the update profile.
2. Update username
3. Update gender
4. Update date of birth
5. Click on save changes
6. Update profile successfully message pop u

Figure 1.1: Manage Account User Flow Diagram

Link:

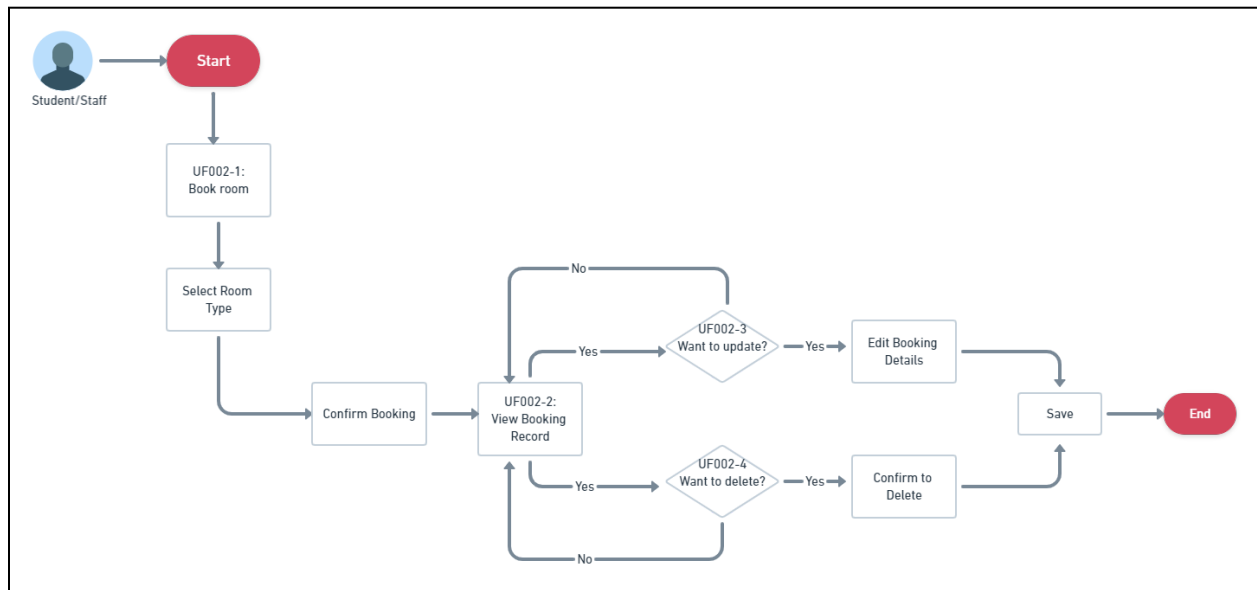**1.2 UF02: Manage Booking User Flow Diagram**

       This is the flow diagram for Manage Booking. The type of user that will perform this activities are students and staff. The goal for this flow is to manage room booking including make booking, view booking record, update booking and delete booking.

Flow ID : UF002 - 1	User Type : Student/Staff UTM
User stories reference: As a student or staff, I want to view the list of available rooms and book a room online so that I can save more time.	
Goal: The user can view the list of available rooms to choose their preferred rooms and book the rooms through our application.	
Diagram Flow: 1. The user set the date and time 2. The user can view the list of room that are available during the set date and time 3. The user choose their preferred room 4. The application will pop up a confirmation booking box. 5. The user clicks the confirm button to confirm booking.	

Flow ID : UF002 - 2	User Type : Student/Staff UTM
User stories reference: As a student or staff, I want to view the booking record so that I can keep updated with the record.	
Goal: Can view the previous booked room or the next booked room that needs to be updated or deleted.	
Diagram Flow: 1. The user can click on the history button. 2. The user can view a list of booking records. 3. The user can click on the edit button to update or delete booking.	

Flow ID : UF002 - 3	User Type : Student/Staff UTM

User stories reference:
As a student or staff, I want to update the details of the booked room so that I can change my room information

Goal:
The user can update their booking details after they confirm booking

Diagram Flow:
1. The user can click on the update button to update booking.
2. They can edit the booking details.
3. Click on save button
4. Prompt update booking successfully message

Flow ID : UF002 - 4	User Type : Student/Staff UTM

User stories reference:
As a student or staff, I want to delete the booking so that I can remove my booking in case I am not able to go

Goal:
The user can delete their booking after they confirm booking.

Diagram Flow:
1. The user can click on the delete button to cancel booking.
2. Click confirm delete button.
3. Prompt delete booking successfully message

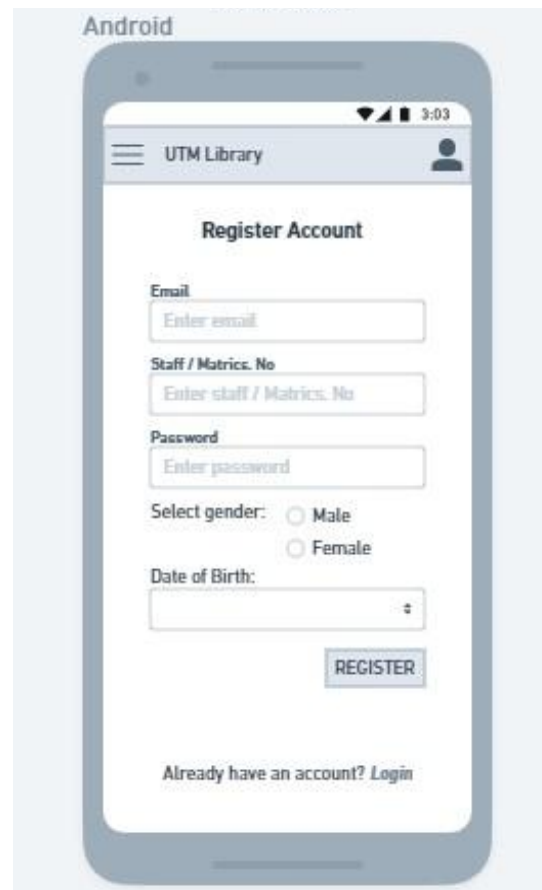*Figure 1.2: Manage Booking User Flow Diagram*

Link:

https://whimsical.com/user-flow-diagram-uf002-Ppyh4k9xFtdijeSGgmryMq

Section B: Wireframes

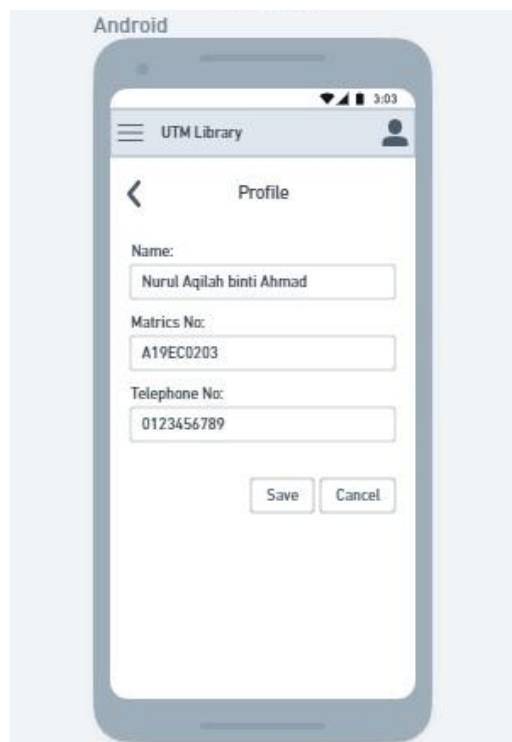Link: https://whimsical.com/map-wireframes-DkaEQ927UeDGDEdkxuJVpK

2.1 UF001: Manage Account
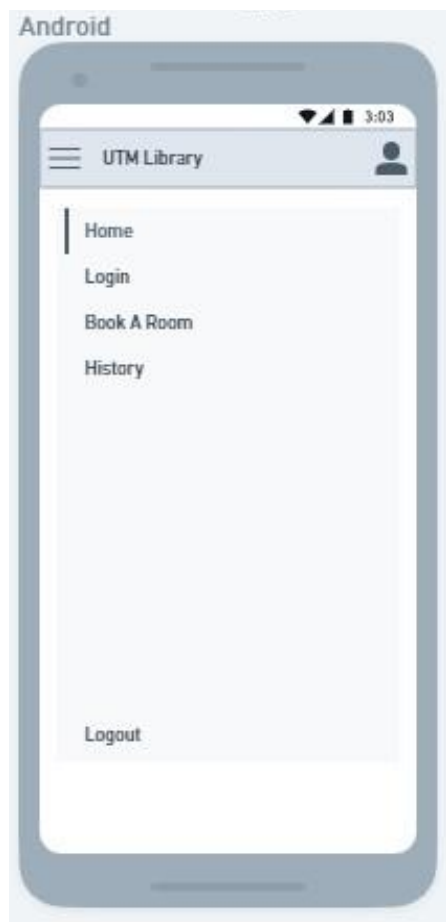

Welcome screen
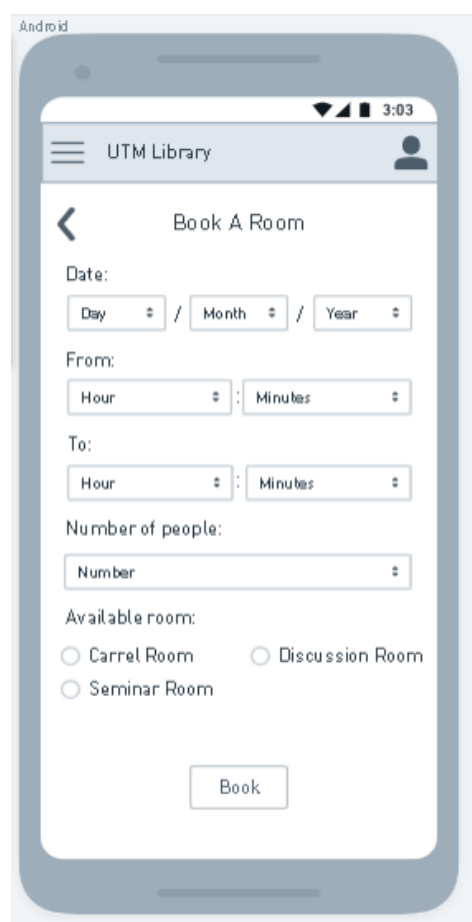
UF001-2: Login account
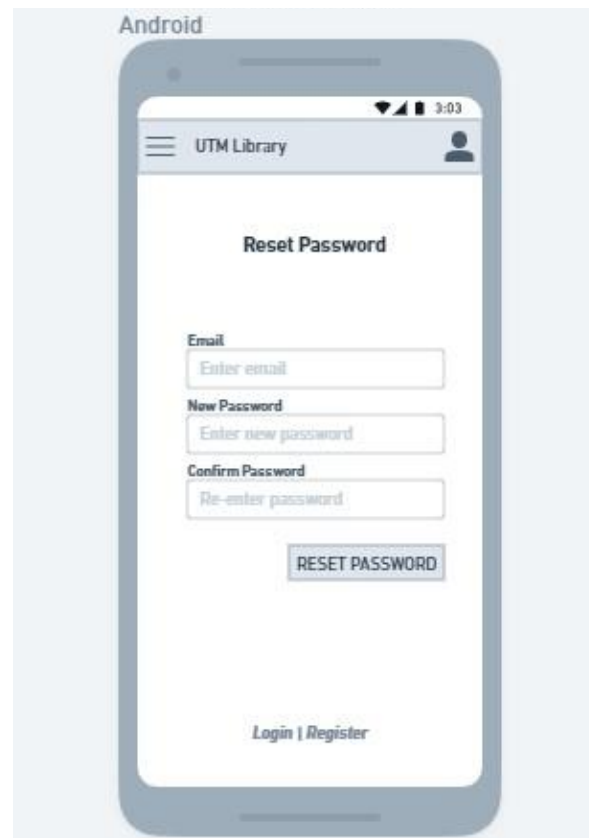
UF001-3: Reset password

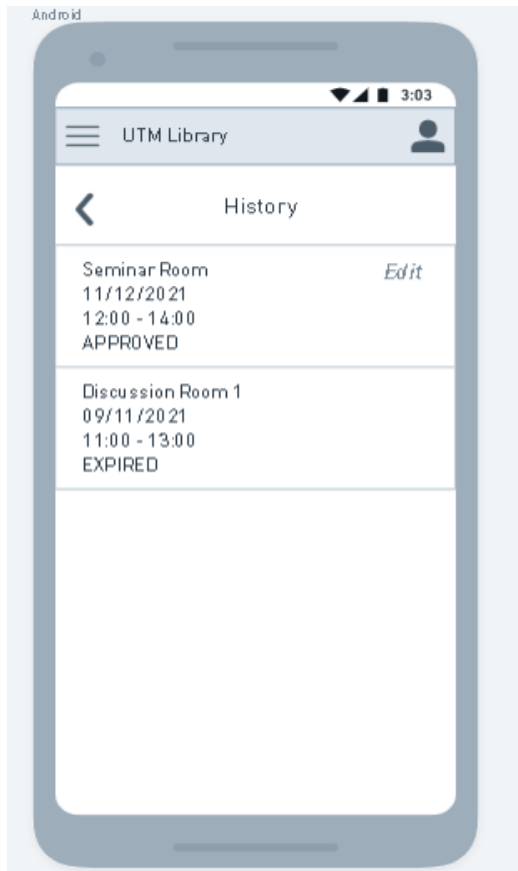UF001-4: View and update profile

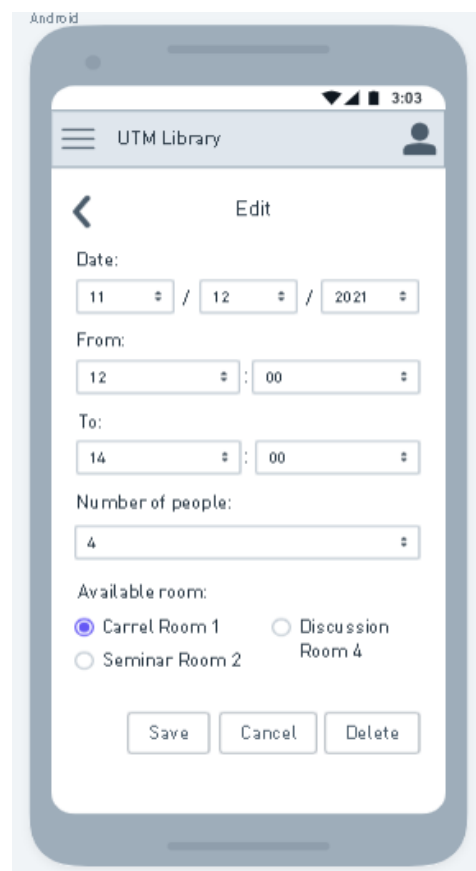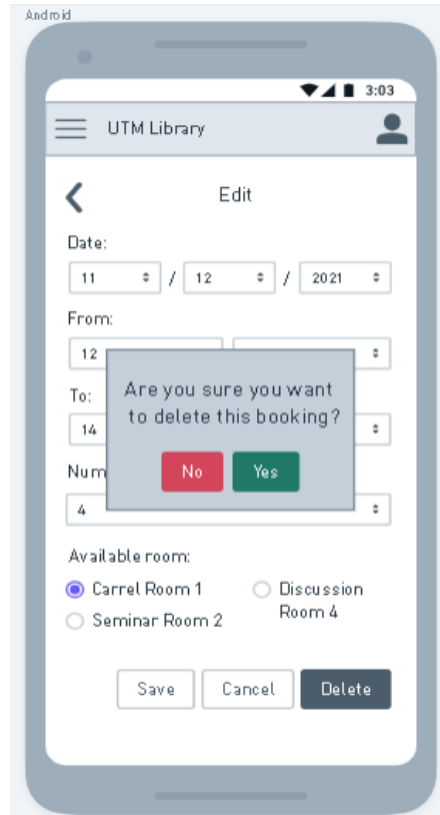## 2.2 UF002: Manage Booking

Drawer screen

UF002-1: Book room

UF002-2: View booking record

UF002-3: Update booking

UF002-4: Delete booking