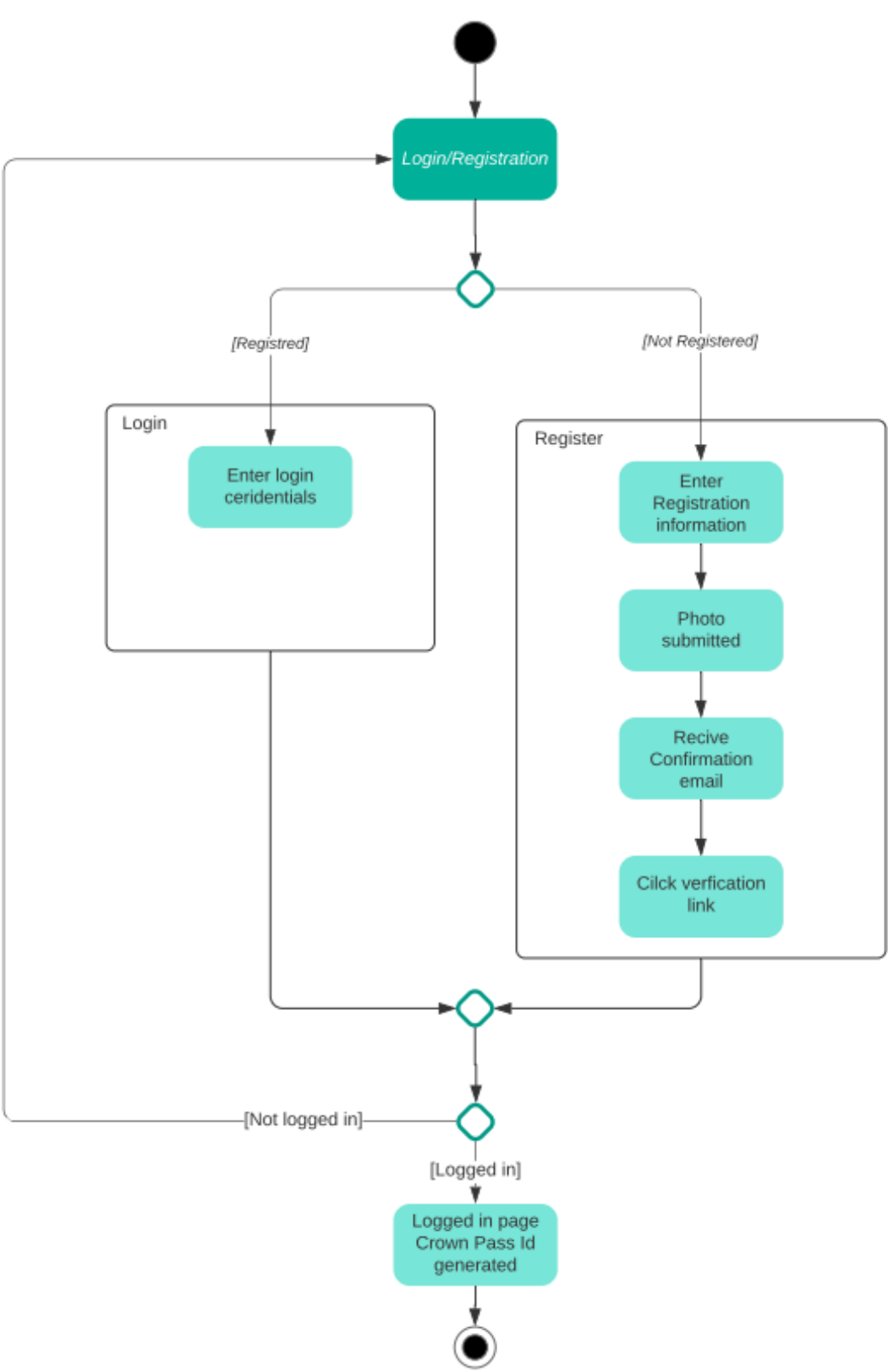
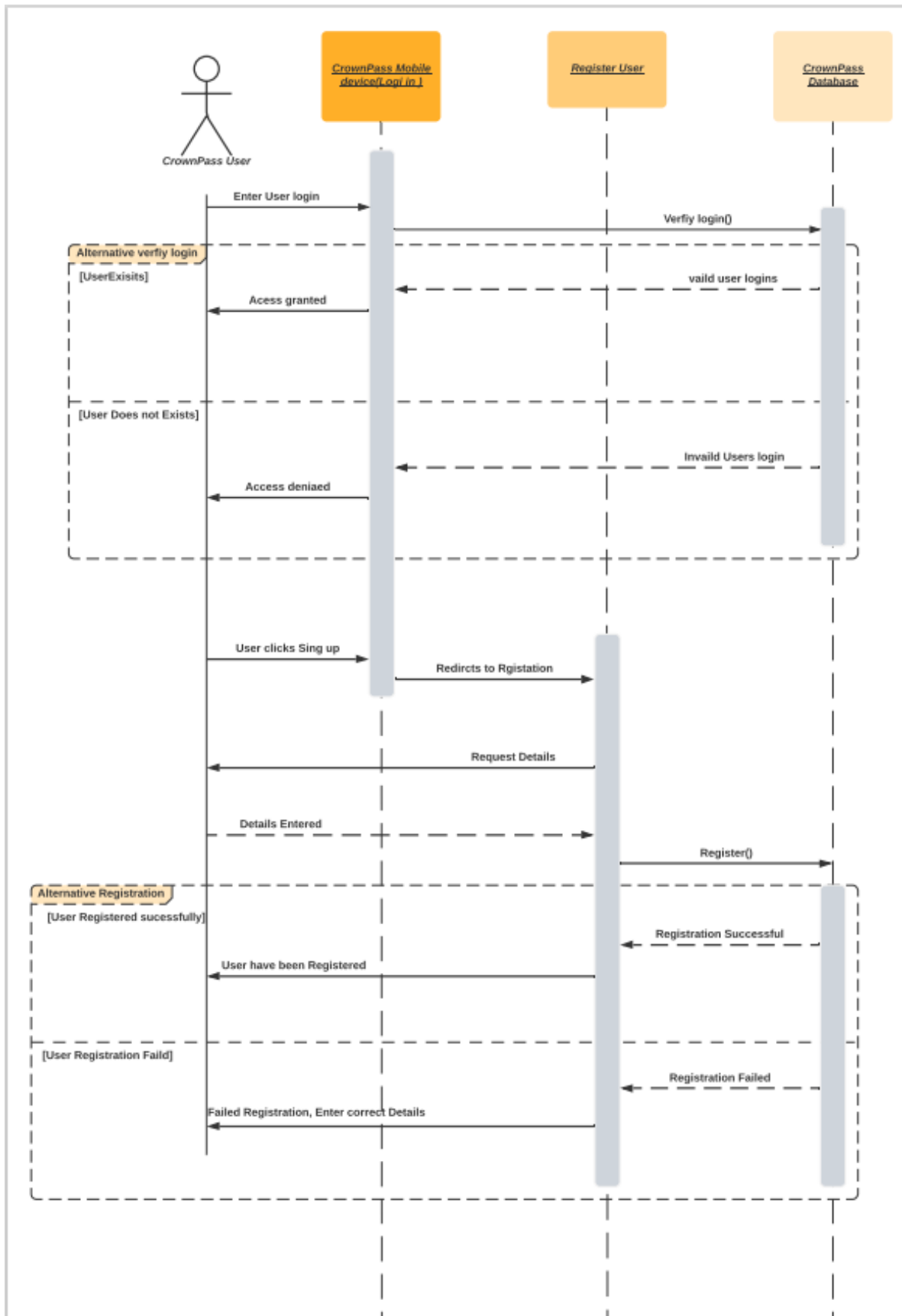


Crown Pass Holder

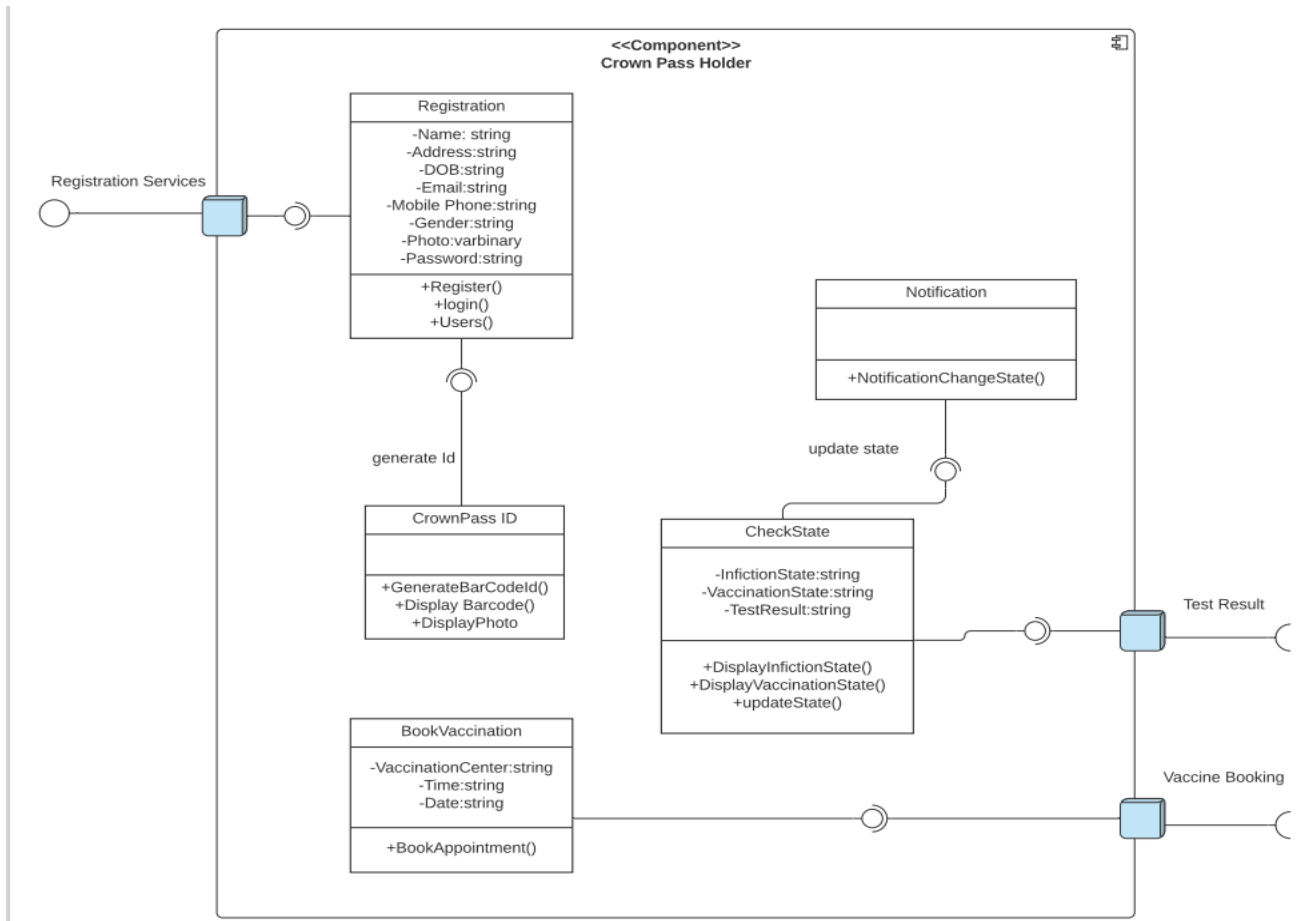
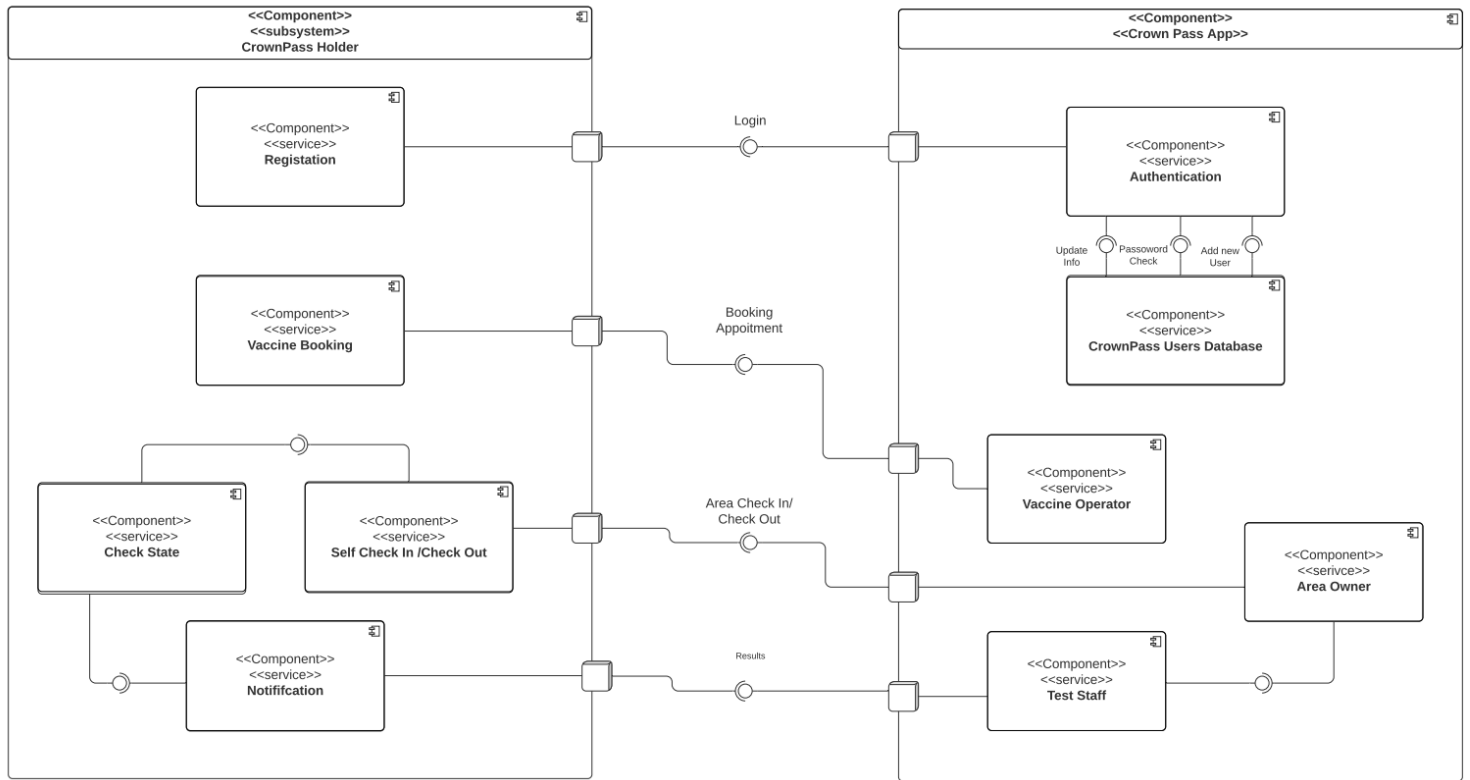
Activity Diagram

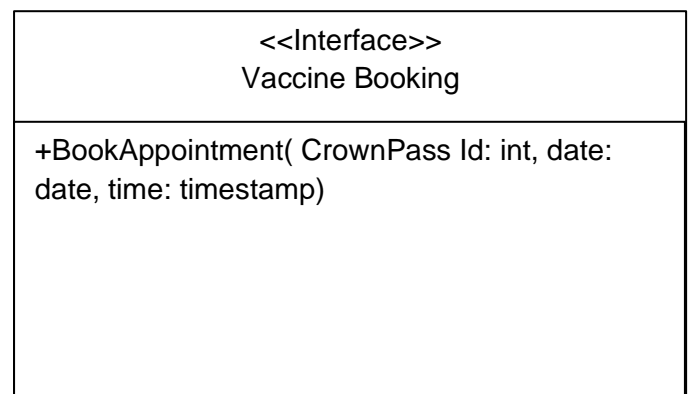
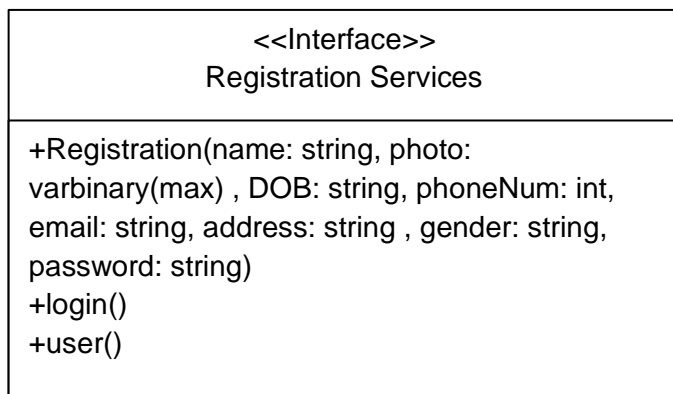
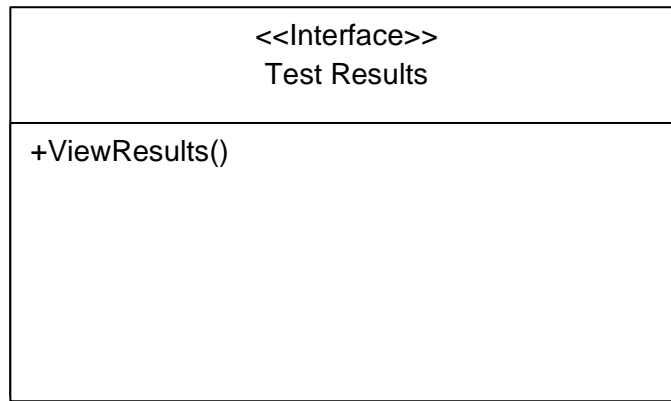


Sequence Diagram



Component Diagram





Registration Services Interface:

This interface is provider interface that offers to the other sub system users registration details. For example, both the vaccinator and test crown need to create users for their system. By using the registration interface, it will be easier for other sub systems to retrieve the information form the database and use it for their own purposes.

Vaccine Booking Interface:

This is a required interface that the crown pass holder system needs from the vaccinator in order for the user to be able to book appointments. Information such as date and time of available appointments need to be retrieved from the vaccinator database.

Test Results:

This is a required interface that the crown pass holder system needs to in order to show and update a crown pass holder state.

Task 3(a)

Test Case	Method and Parameters	Expected Output
Successful Registration	Register(Mike, 24-08-1997,mike@gmail.com,03322211153,male, JPEG file, mike12345678)	Crown Pass Id generated
Failed Registration (User already created)	Register(Mike, 24-08-1997,mike@gmail.com,03322211153,male, JPEG file, mike12345678)	Error Message, an account already created
Failed Registration (Wrong inputs)	Register(Mike, 24-08-1997,mike@@gmail.com,03322211153,male, pdf file, mike12345678)	Error Message, wrong credentials entered
Successful login	(m19023434 (Crownpass id), mike123 (password))	Access App
Incorrect login credentials	(m19023434, mike@1234)	Error Message, wrong credentials

Crown Pass Holder	System
1 Enter login credentials	
2 Users credentials are cross-checked with the database	3 User founded in database
4 Granted Access to the app	

Crown Pass Holder	System
1 Enter login credentials	
2 Users credentials are cross-checked with the database	3 User credentials not found in database
4 Access denied	

Crown Pass Holder	System
1 Enter login credentials	
2 Users credentials are cross-checked with the database	3 User Password does not match with the saved password on the database
4 Access denied	5 Error message, please enter password again

Crown Pass Holder	System
1 Enter registration inputs	2 User inputs are stored in the database
3 User receives crown pass id	4 User successfully registered on to the system
5 Granted access to the app	

Crown Pass Holder	System
1 Enter registration credentials	2 User inputs are in the wrong format, error message : please enter the right format
2 User enters the right input format	3 User inputs stored into the database
4 User receives crown pass id	5 User successfully registered on to the system
5 Granted access to the app	

Crown Pass Holder	System
1 Enter registration inputs	2 User inputs are already stored in the database
3 Registration failed	4 Error message displayed: user is already registered with the system

Test Data

- **Input:**
 - Registration: (photo, name, address, DOB, email, mobile phone, gender, password)
- **Stored data:**
 - **On mobile device:**
 - No crown pass id generated (User is still not registered)
 - **On Cloud:**
 - User or Crown Pass holder registration details
 - Login credentials (if user was already registered)
- **Output:**
 - Crown Pass Id generated (user successfully registered with the system)

Test Process:

1. Setup text context
 - a. Mobile device: No crown pass Id
 - b. Crown Pass database:
 - i. Stores User registration details

- ii. Stores User login credentials (If already registered)

2. Input User login

- a. Expected Output:

- i. Access denied

- ii. User login information is not stored on the database

- b. User is suggested to register with the system

3. Input User registration details

4. Submit Request:

- a. Expected Output:

- i. User successfully registered; crown pass Id generated

- ii. Check: minimal requirement of registration with the system is inputted
(photo)

5. Registration completed; User granted access to the app