Group 5
Walk-in Clinic Android App
SEG2105

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Table Of Contents

1.0 - Introduction:

This report provides screenshots of a mobile application intended for clinics, patients and the system administrator. The app contains different features with the main goal of allowing patients to book appointments for different services offered by the clinic. The report also contains tables for the 4 main development stages displaying which team member worked on what part. It ends with different challenges that we faced individually and as a group during the development process. Below is the UML:
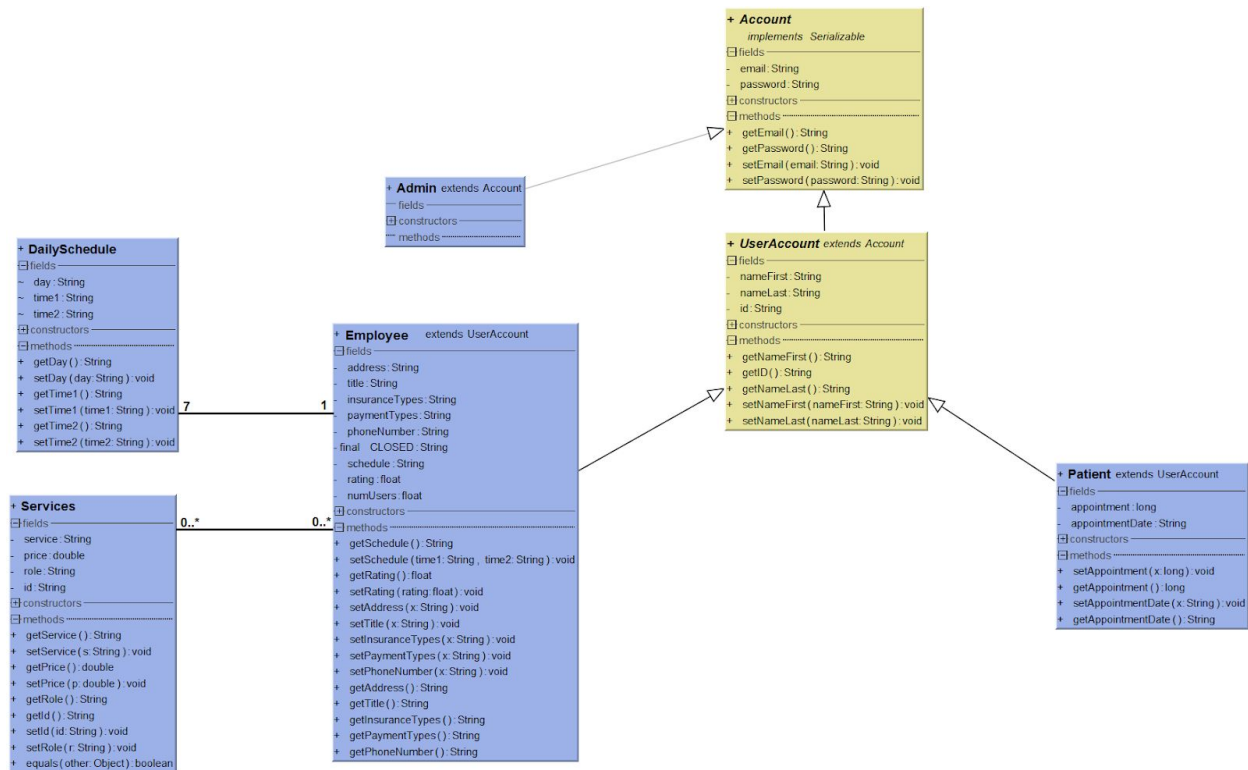
2. 0 - Deliverable 1:

Tasks To Do	Hajira	Ladan	Charita	Thomas	Ahmad
1. Sign up	✔			✔	
2. Login		✔			✔
3. Hash / Encryption			✔		
4. Welcome Screens					✔
5. Phone / Email validation				✔	✔

2.1 - Deliverable 2:

Tasks To Do	Hajira	Ladan	Charita	Thomas	Ahmad
1. Delete User Accounts					✔
2. Add services				✔	
3. Create Services UI				✔	
4. Remove services	✔				
5. Edit services		✔			
6. Field validation	✔	✔		✔	
7. Integration with CircleCI			✔		

2.2 - Deliverable 3:

Tasks To Do	Hajira	Ladan	Charita	Thomas	Ahmad
1. Adding services to profile				✔	
2. Delete services			✔		
3. Add and edit working hours	✔	✔			
4. Complete profile info.					✔

2.3 - Deliverable 4:

Tasks To Do	Hajira	Ladan	Charita	Thomas	Ahmad
1. Searching for clinic	✔	✔			
2. View wait time, and book appointment			✔		
3. UI Design				✔	
4. Final Report					✔

3.0 - General Screenshots:

The screenshots above are for the login and sign up activity.

3.1 - Screenshots for Admin:

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WalkNCare

Admin Dashboard
8 Employees registered
18 Patients registered
12 Services available

👥
Manage User Accounts

📄➕
Manage Services

➡️
Sign out

9:58   🔕 ▼◢ 🔋70%

WalkNCare

All Employees

julie@gmail.com
First Name: Julie
Last Name: Ronald

bobbymac@gmail.com
First Name: bobby
Last Name: macdonald

test@gmail.com
First Name: bob
Last Name: bobby

employee10@clinic10.com
First Name: employee10
Last Name: clinic10

mstew
First Na
Last Na

mstew@gmail.com
DELETE USER

rgreen19@outlook.com
First Name: Robert
Last Name: Green

ladanguled@gmail.com
First Name: ladan
Last Name: guled

g@gmail.comm
First Name: gog
Last Name: gog

g@gmail.commm
First Name: bob
Last Name: patient

tlee@uottawa.ca
First Name: tommy
Last Name: lee
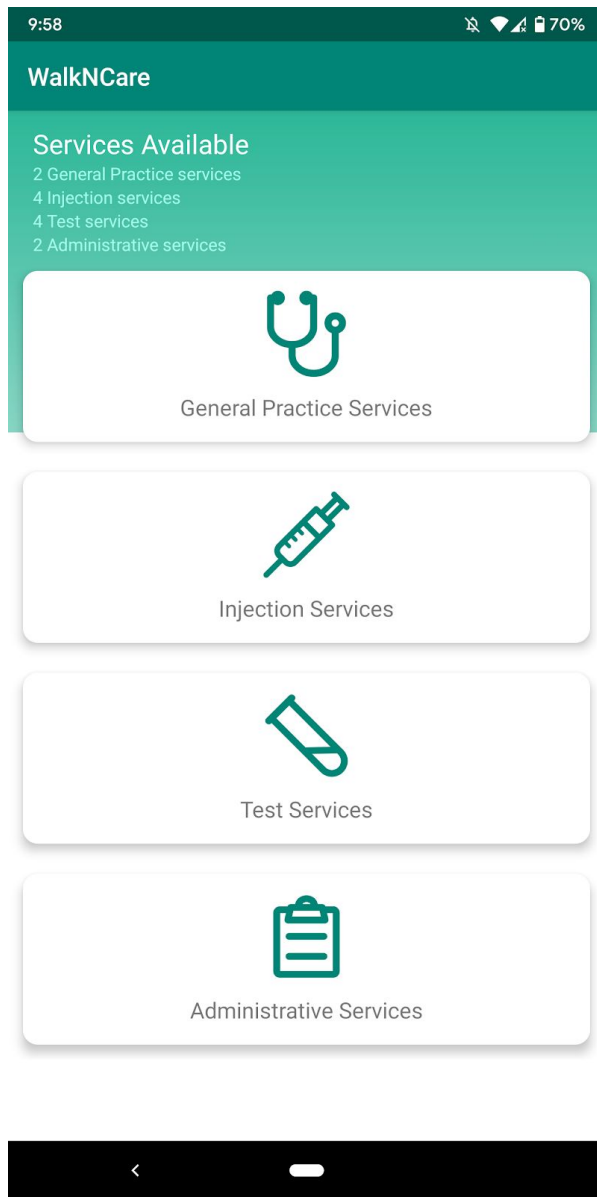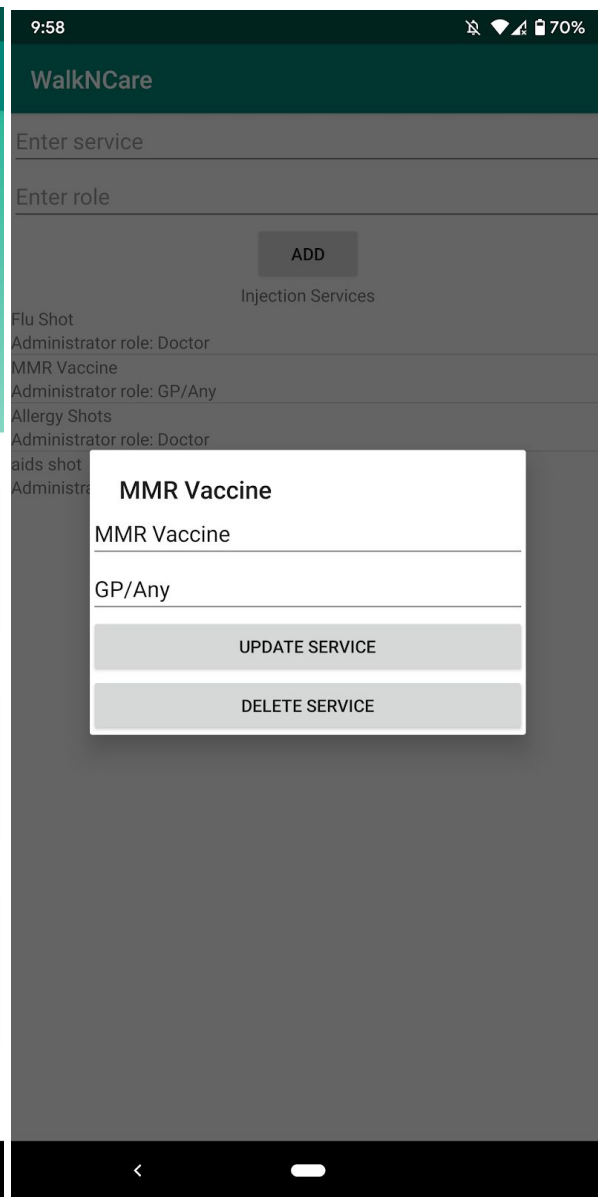
This is the admin dashboard
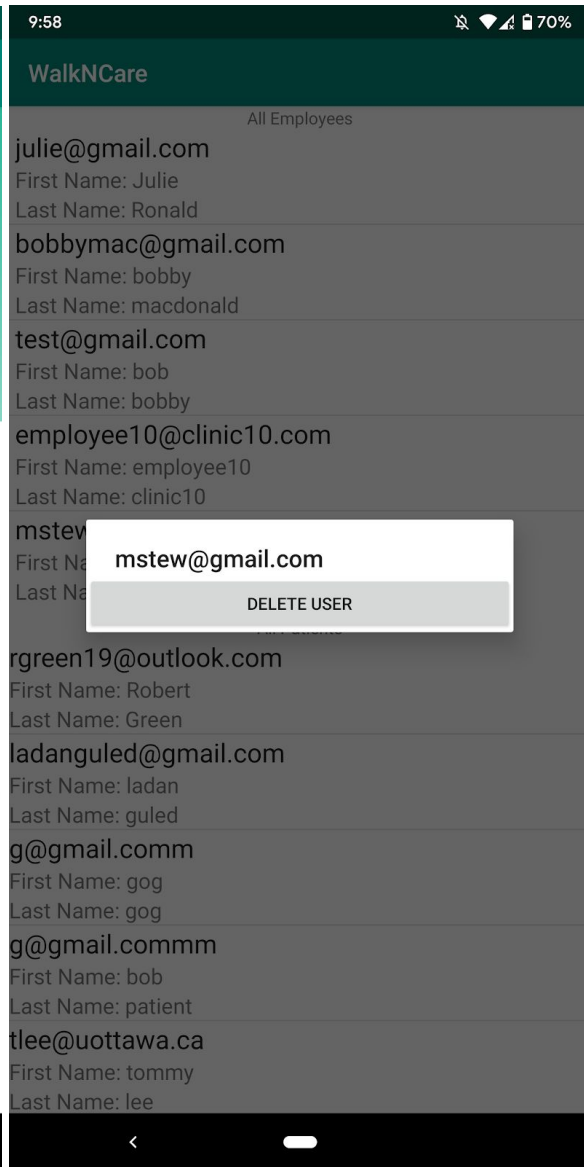
This is the manage user activity. It shows the delete dialog that is shown to the user when an item is long pressed.
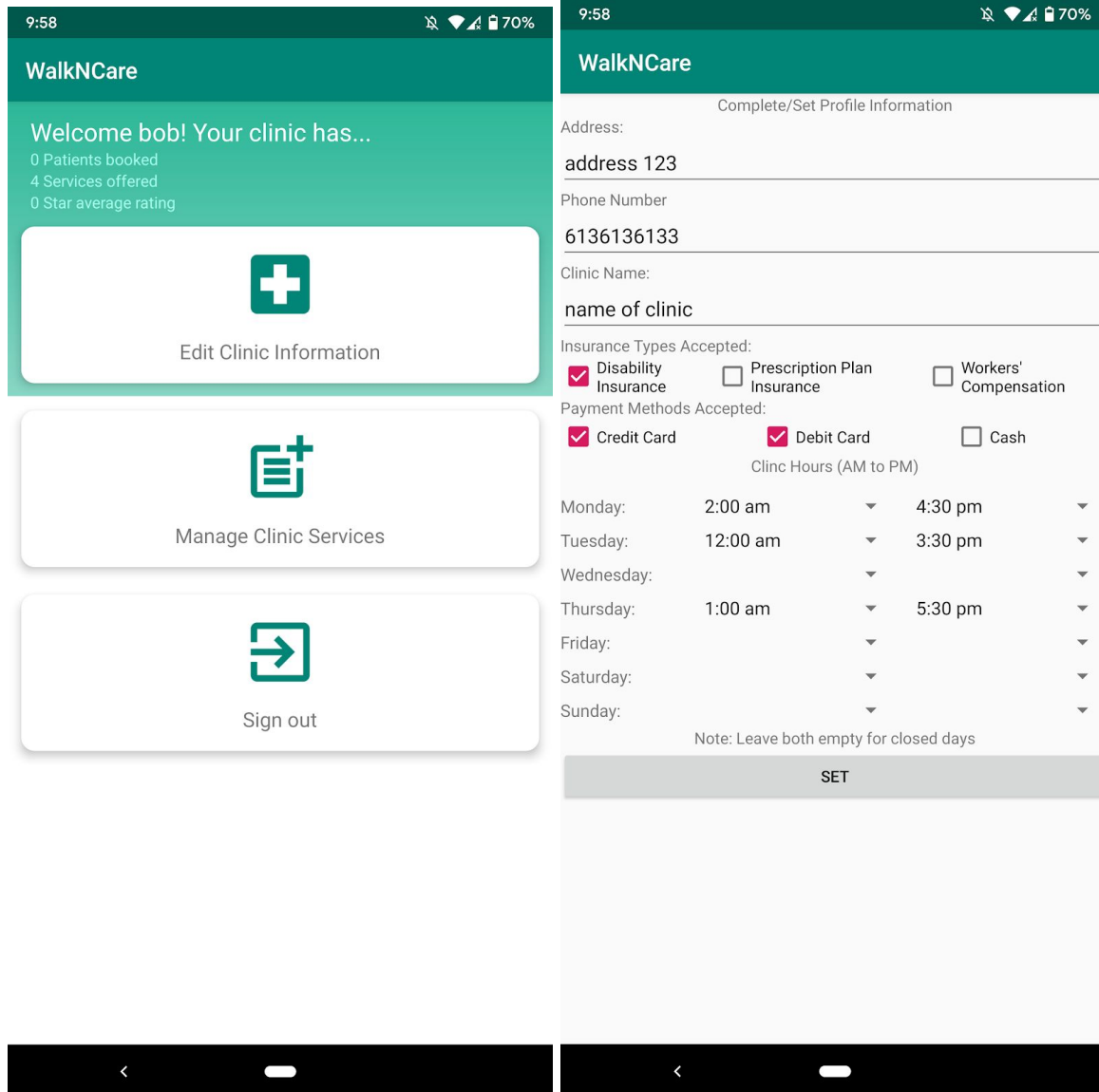
This is the different types of services activity

Once any of them are selected it takes you to the activity on the right, where you can add services, edit services and delete existing services.
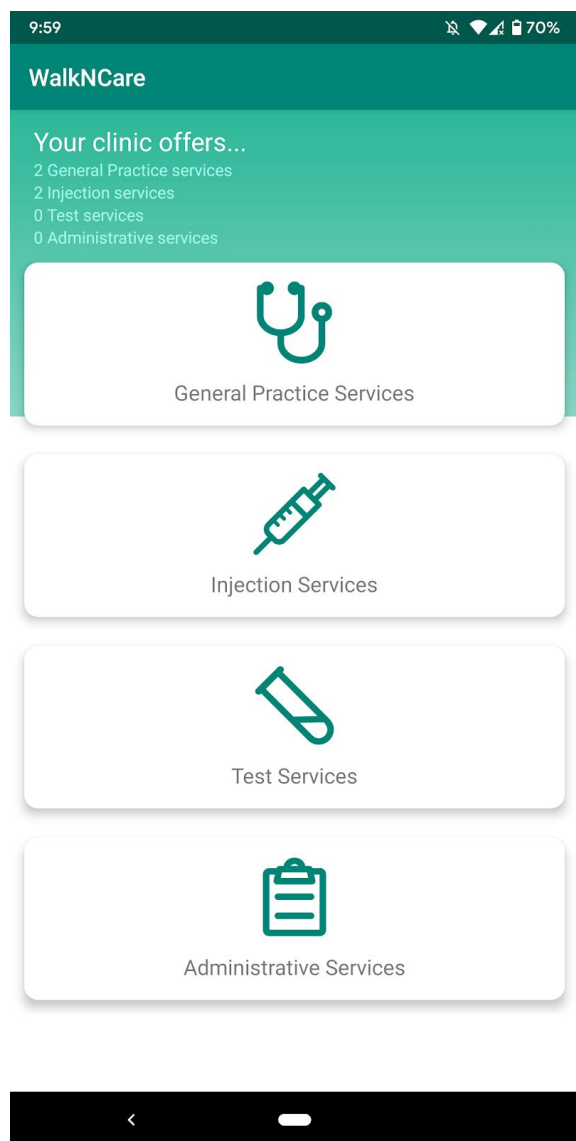
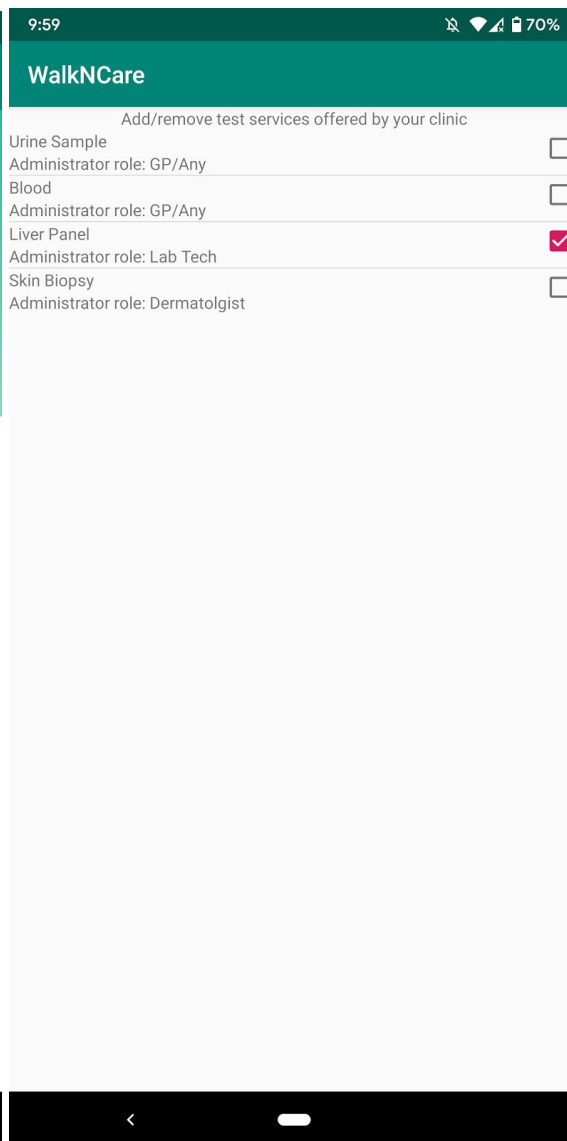## 3.2 - Screenshots for Clinics:

Clinic/Employee user dashboard

The edit clinic information activity allows the user to edit info. It is also shown when the user is creating an account as the information is mandatory.

WalkNCare

Your clinic offers...
2 General Practice services
2 Injection services
0 Test services
0 Administrative services

General Practice Services

Injection Services

Test Services

Administrative Services

WalkNCare

Add/remove test services offered by your clinic

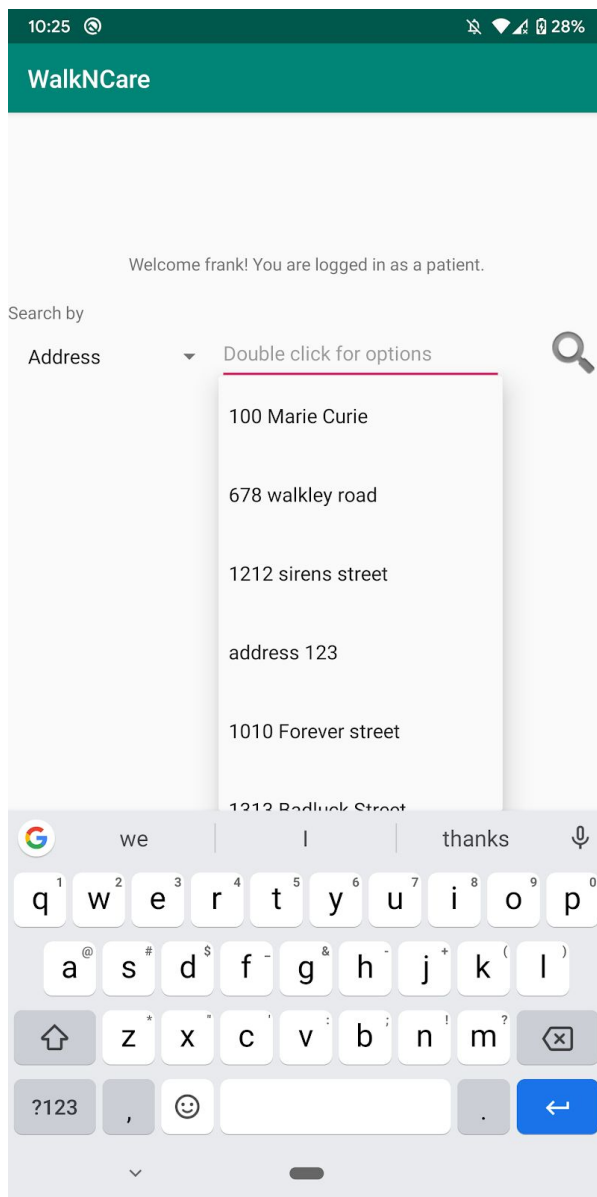|	
Urine Sample Administrator role: GP/Any	☐
Blood Administrator role: GP/Any	☐
Liver Panel Administrator role: Lab Tech	☑
Skin Biopsy Administrator role: Dermatolgist	☐

This is the manage services activity

Once an option is selected it takes you to this activity where you can select different services in that category
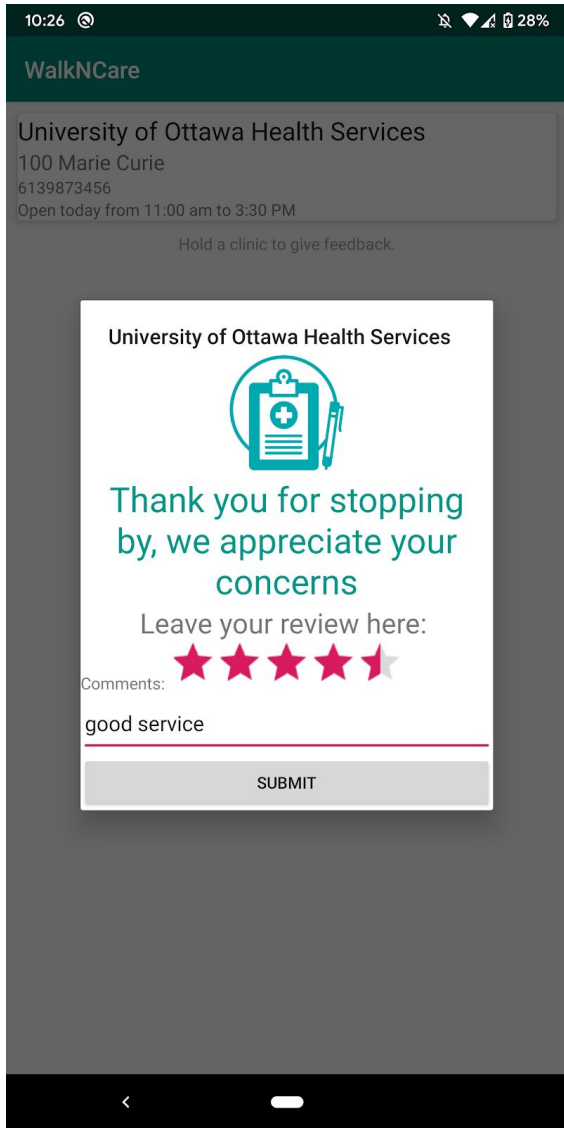
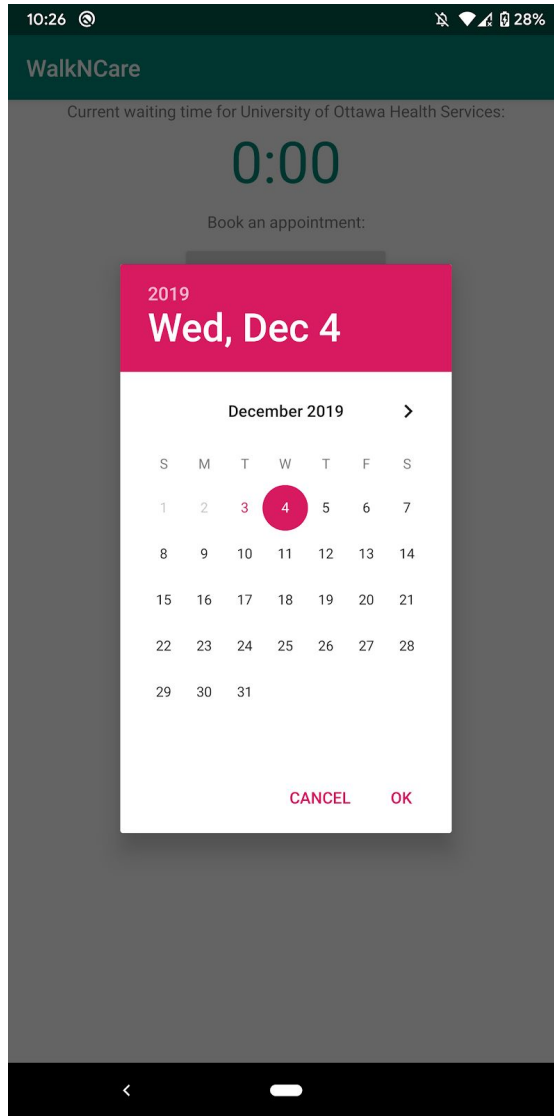## 3.3 - Screenshots for Patient:
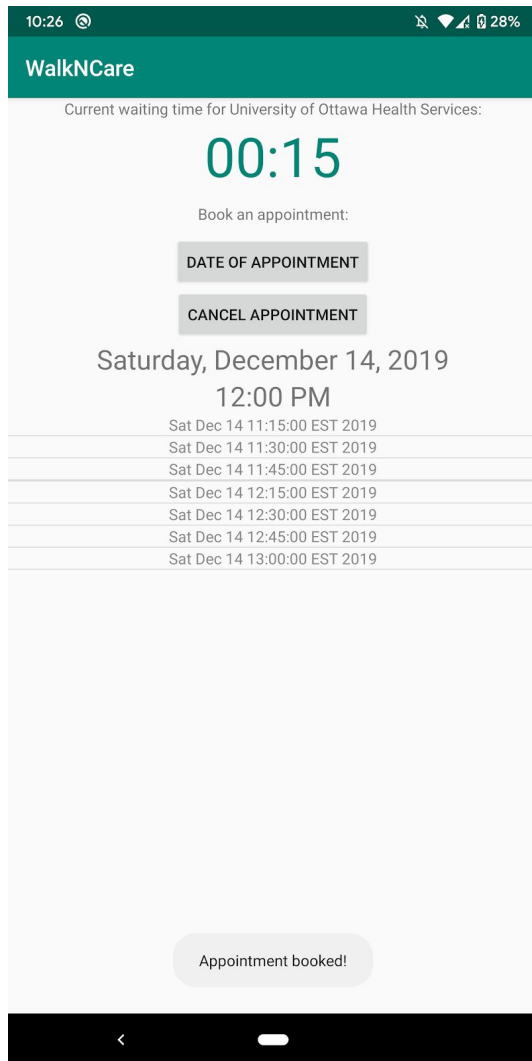

This is the patient user dashboard
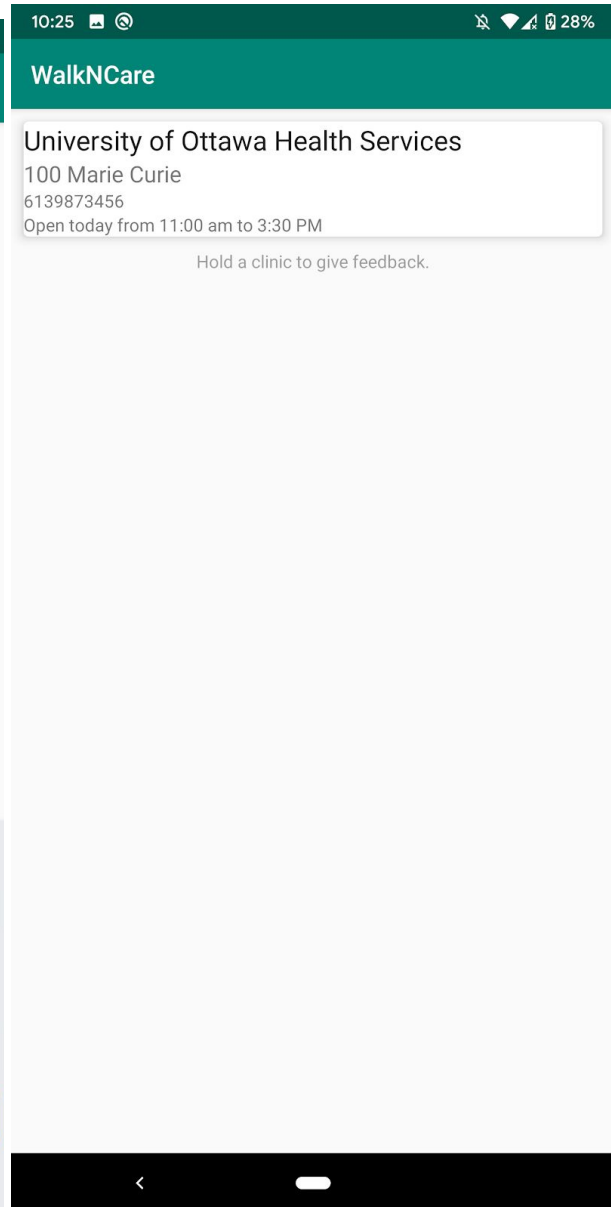
This is the search results page, where you can select a clinic

When a user long presses a clinic a rating dialog pops up to allow the user to rate the clinic

When a clinic is selected it shows the current wait time at the top as well as the option to book an appointment, when that is pressed a calendar dialog is shown

When a date is selected, a list of all possible time slots is shown and when a time slot is clicked an appointment at that time is booked for that user.

4.0 - Discussion and Conclusion:

Problem:	Solution:
Assigning tasks for even distribution	We first divided the workload based on features, but this caused work overlap where one person's work would be scrapped in favor of the other person's. To solve this we started dividing work based on methods that needed to be implemented.
Firebase nesting	We learned that Firebase works best when it isn't nested, this was apparent when we tried to read nested objects. For organizational purposes we lest the nesting and rather than reading the whole object, we read individual attributes.
Outdated APK for presentation	When preparing for the presentation we had an older apk installed, the presented apk was missing a few of the new features that were implemented a few minutes before the presentation. For next time, it would be beneficial to have an apk ready the day before.
Asking for help	At first we were hesitant to ask for help from each other, this led to delays and a loss of quality. To solve this we started to have more open communication about what we're working on specifically and if they are any technical issues their facing.
Confusion about requirements	In the requirements the word rate is used to describe pricing and rate of experience, we thought this meant rating both the clinic and each service individually. We eventually asked for clarification but it would have been beneficial to ask for it much earlier on.