American University of Sharjah

College of Engineering

Department of Computer Science and Engineering

CMP 354 Mobile Application Development

User Guide for the Application DorMe:

DorMe is an application to be used by dorm residents to exchange services. Every user logs in with an AUS email and starts with a total of 10 points; points can be used to employ other users in the services that they are offering. In addition, users can add services that they want, such that other users can see these wants and offer services based on the demand.

To summarize, the application has 6 main functionalities:

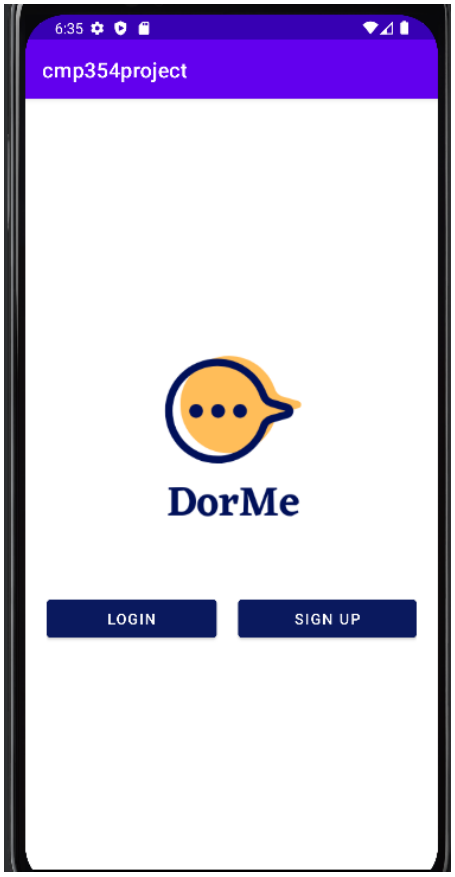
1. Logging in / signing up
2. Adding services
3. Claiming services
4. Confirming that a service has been completed and exchanging points
5. Adding a Wanted Service
6. Turning a wanted service into an actual offered service

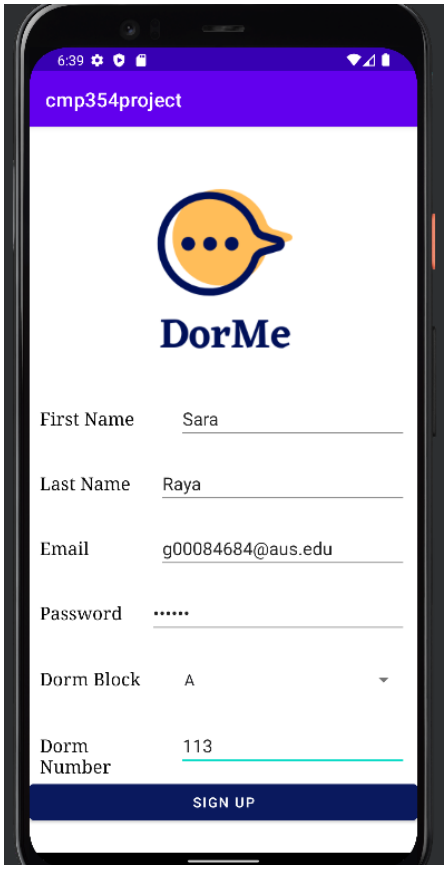
Next is a step by step guide for each functionality:

I. Log in and Sign Up

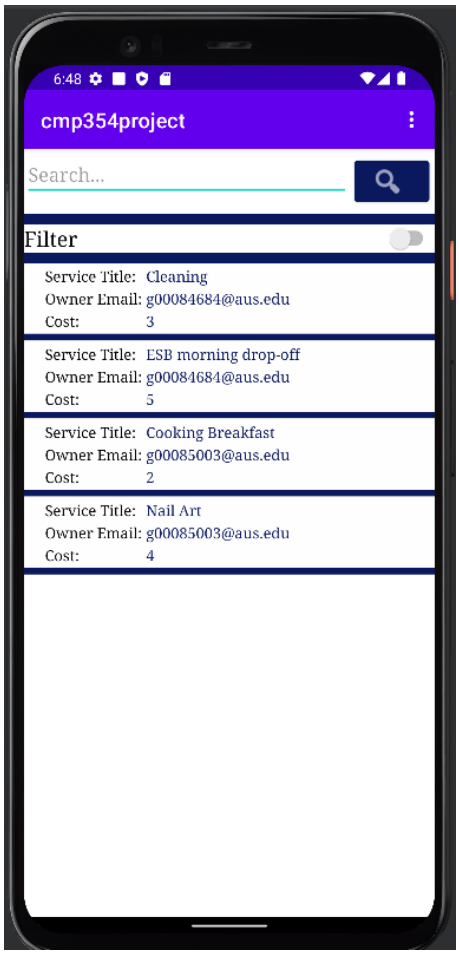
Upon entering the app the user will be prompted to log in with an existing account or sign up. After creating a new account via sign up, the user will be redirected to the login page.

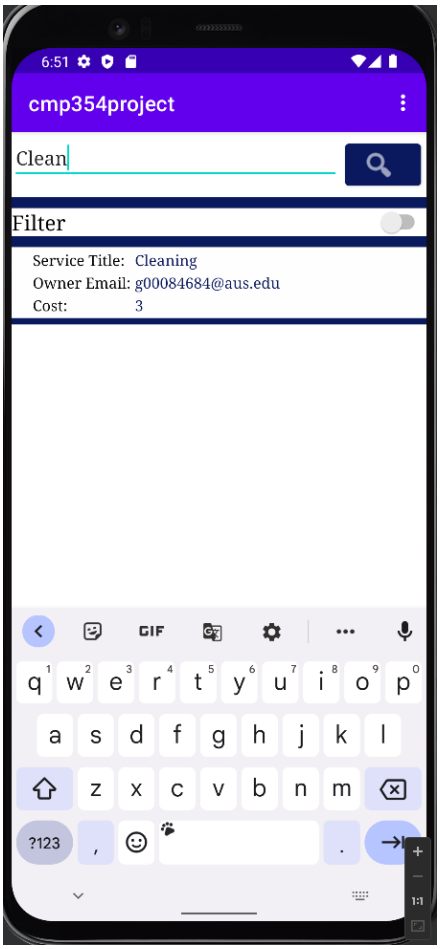
Each entry field is required and is restricted based on the type of entry. The email, for example, has to be an AUS email.

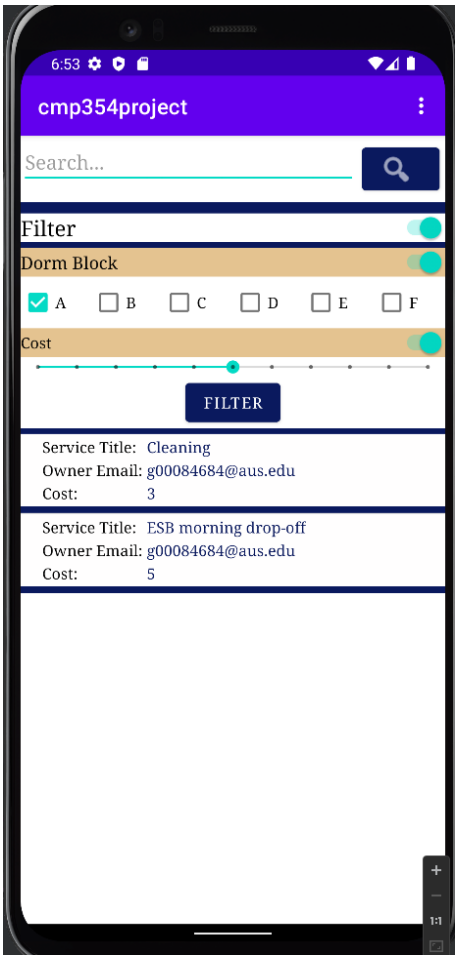

6:35
cmp354project
DorMe
LOGIN
SIGN UP


6:39
cmp354project
DorMe
First Name
Sara
Last Name
Raya
Email
g00084684@aus.edu
Password
Dorm Block
A
Dorm Number
113
SIGN UP

After successfully logging in, the user can now view the homepage, where all services offered by other users are available for the user to claim. The user can search for services using keywords, and/or filter by dorm block and cost.



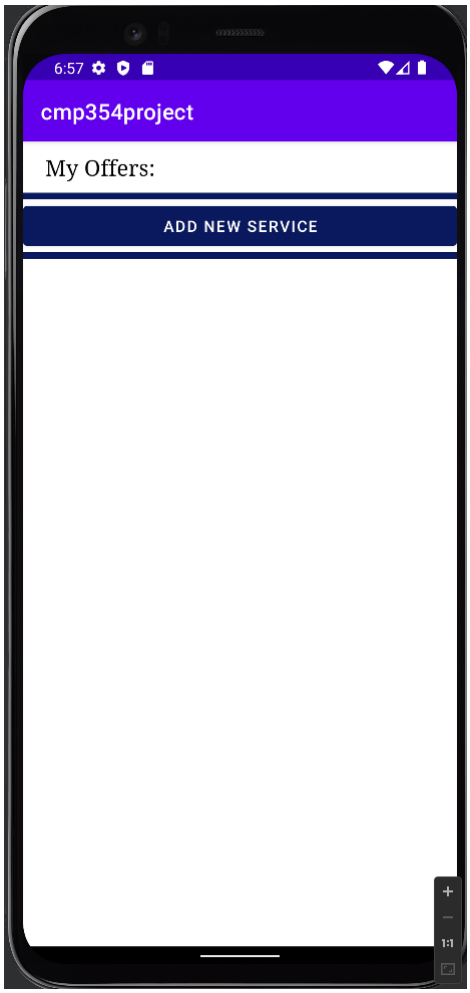


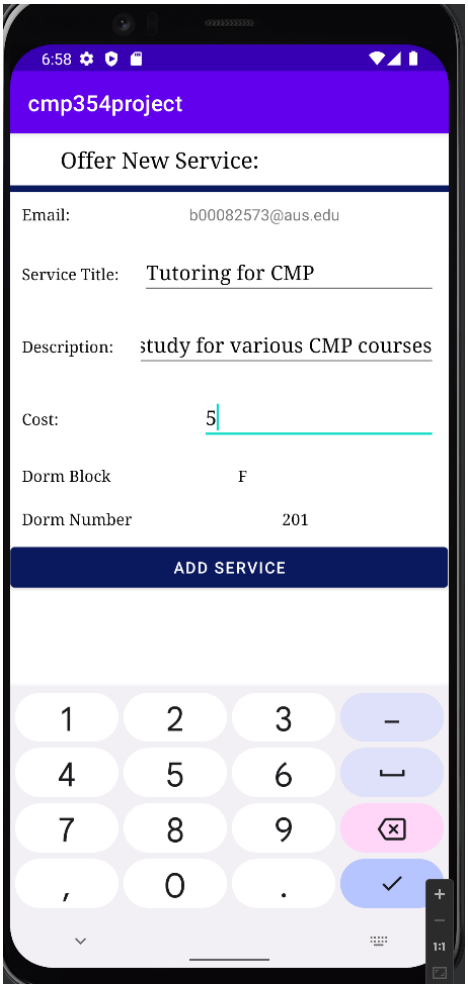


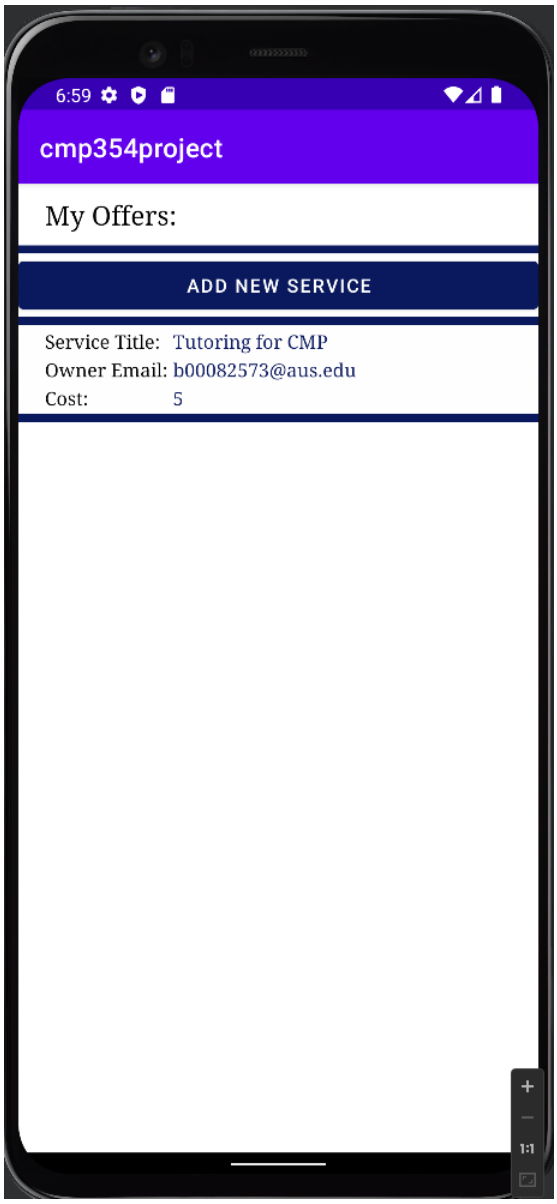
II. Adding a Service

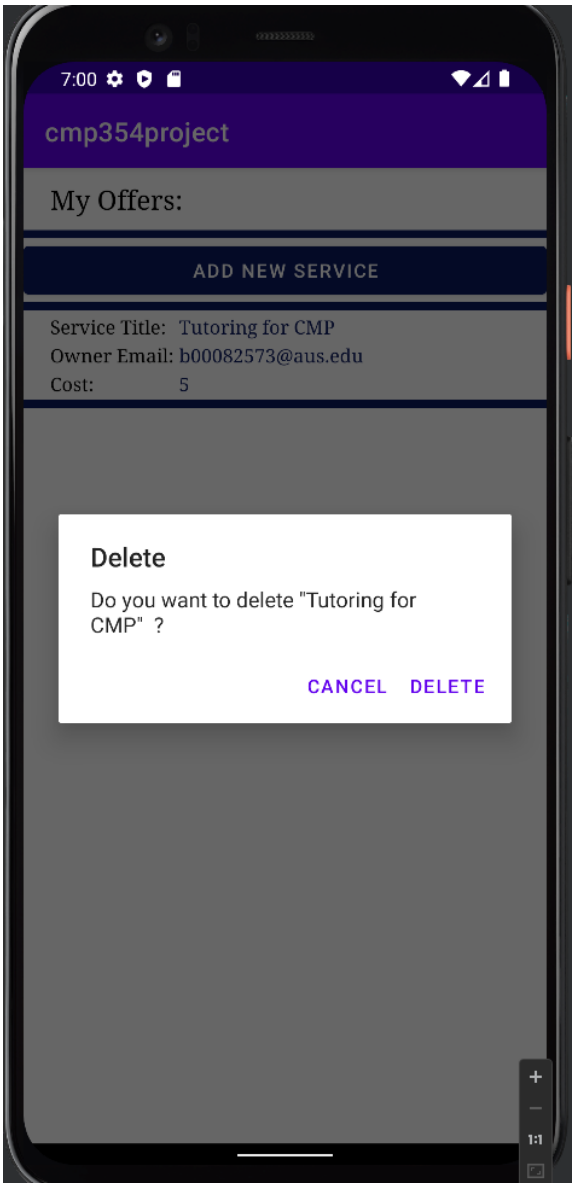
By pressing the menu at the top right of the screen and selecting My Offers, the user can view all offered services (not claimed by other users) and add a new service or delete existing services.

6:56
cmp354project
My Offers
Services Employed
Services Wanted
Services Provided
Search...
Filter
Service Title: Cleaning
Owner Email: g00084684
Cost: 3
Service Title: ESB morning drop-off
Owner Email: g00084684@aus.edu
Cost: 5
Service Title: Cooking Breakfast
Owner Email: g00085003@aus.edu
Cost: 2
Service Title: Nail Art
Owner Email: g00085003@aus.edu
Cost: 4


6:57
cmp354project
My Offers:
ADD NEW SERVICE

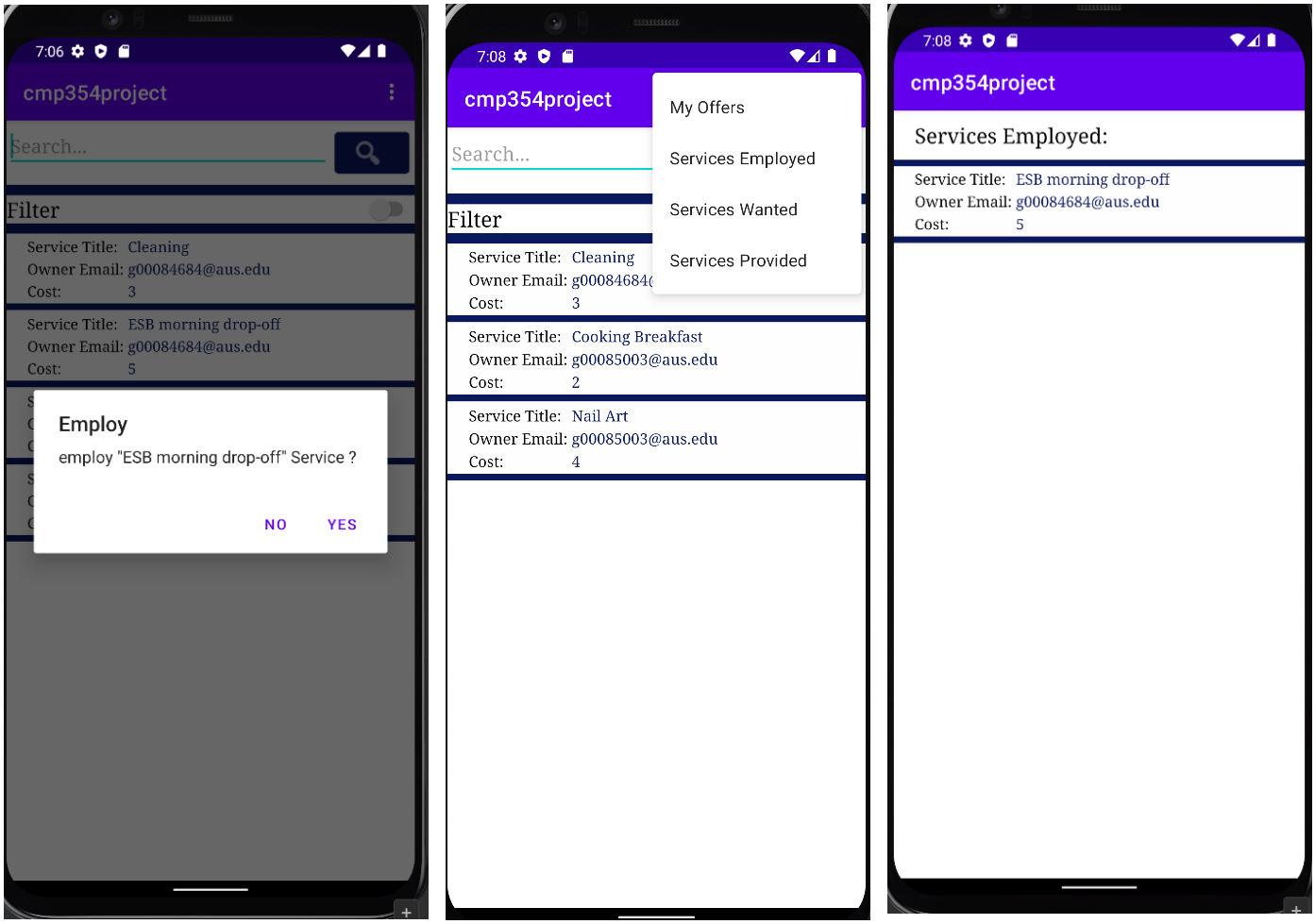

6:58
cmp354project
Offer New Service:
Email: b00082573@aus.edu
Service Title: Tutoring for CMP
Description: study for various CMP courses
Cost: 5
Dorm Block F
Dorm Number 201
ADD SERVICE



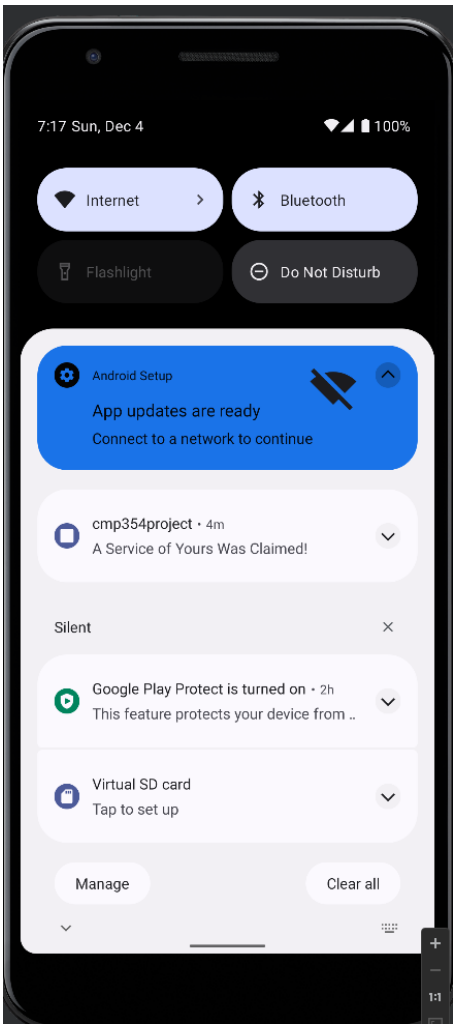


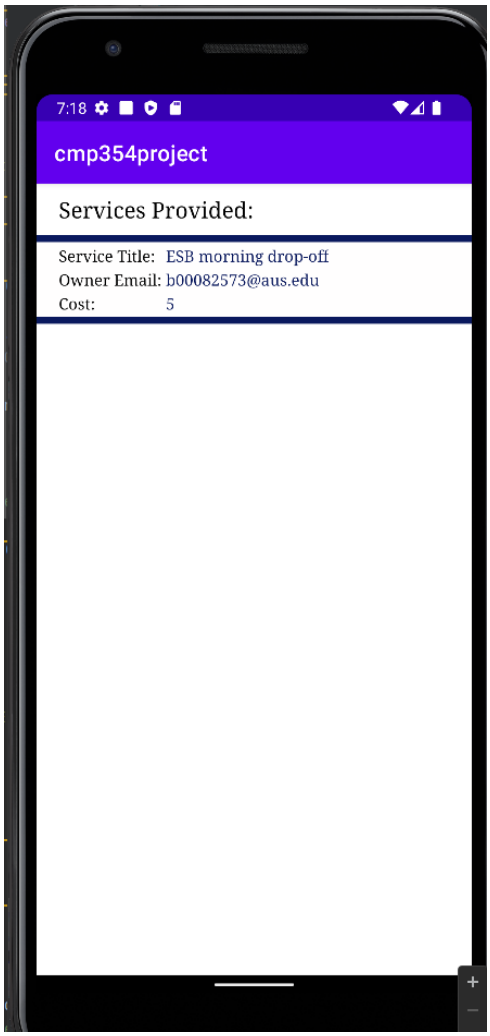
III. Claiming Services

If a user finds a service that they would like to employ, the user clicks on the service and claims it. The service will be removed from the home page and can then be found in the Services Employed menu. In the next scenario user1 claims a service offered by user2.



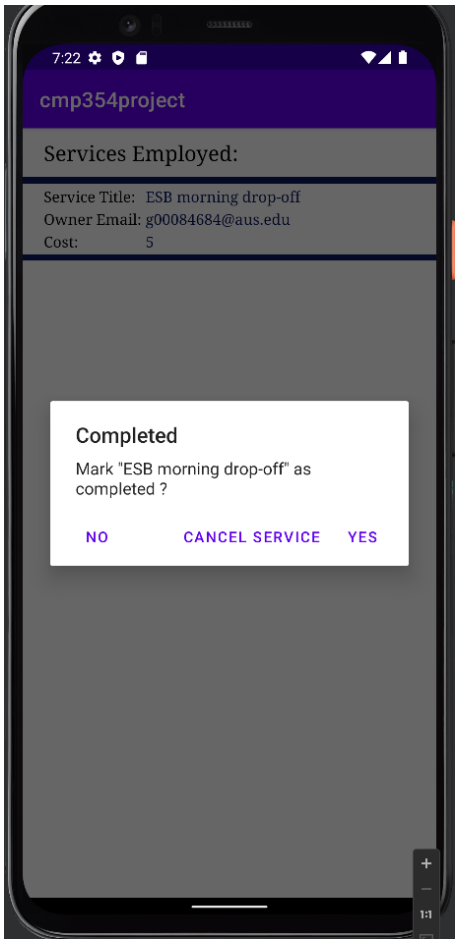
User2, the user offering the service that was claimed, receives a notification upon this action, informing them that a service of theirs has been claimed. User2 can now view their employed services in Services Provided Menu.

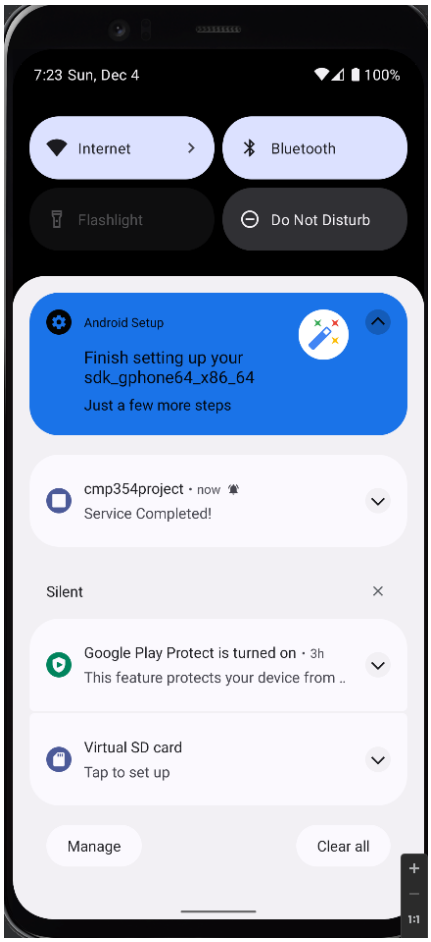

7:17 Sun, Dec 4
100%
Internet
Bluetooth
Flashlight
Do Not Disturb
Android Setup
App updates are ready
Connect to a network to continue
cmp354project • 4m
A Service of Yours Was Claimed!
Silent
Google Play Protect is turned on • 2h
This feature protects your device from ..
Virtual SD card
Tap to set up
Manage
Clear all

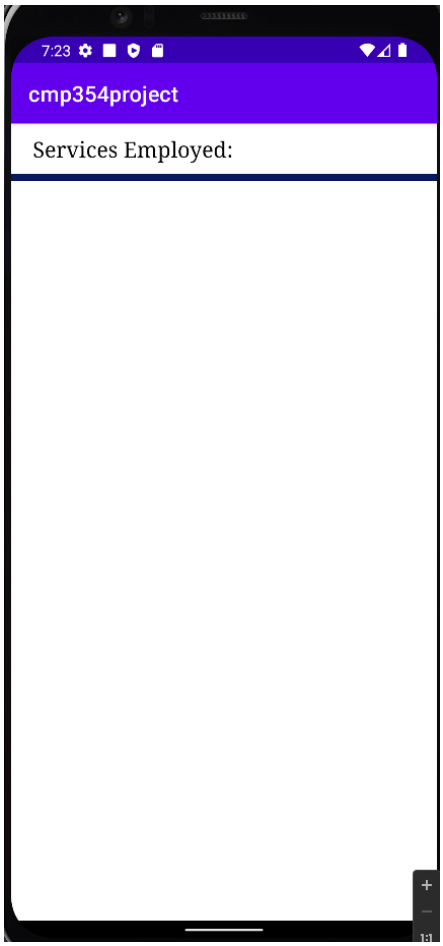

7:18
cmp354project
Services Provided:
Service Title: ESB morning drop-off
Owner Email: b00082573@aus.edu
Cost: 5

IV. Confirm Completion:

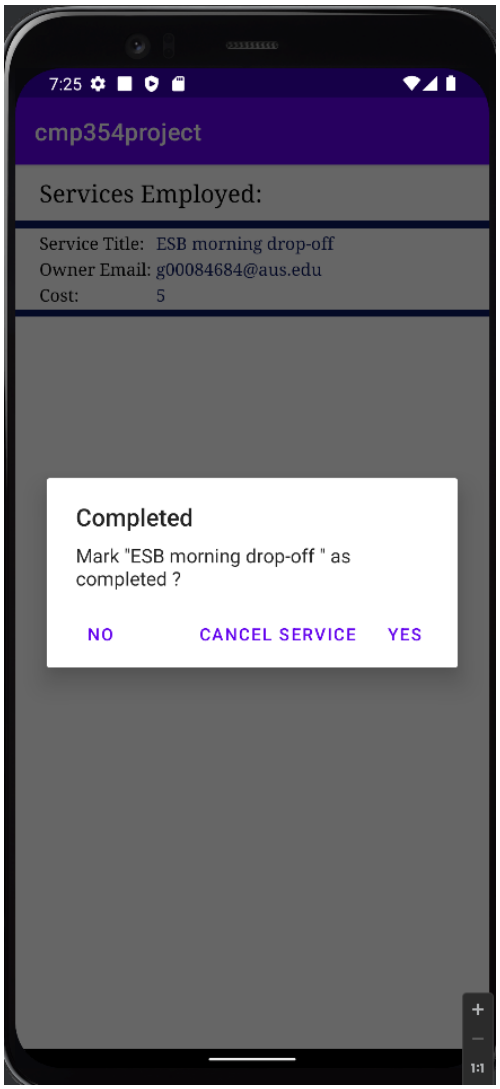
User1, that claims the service offered by user2, can confirm when the service has been fulfilled. A notification is sent to both user1 and user2 when a service is completed.

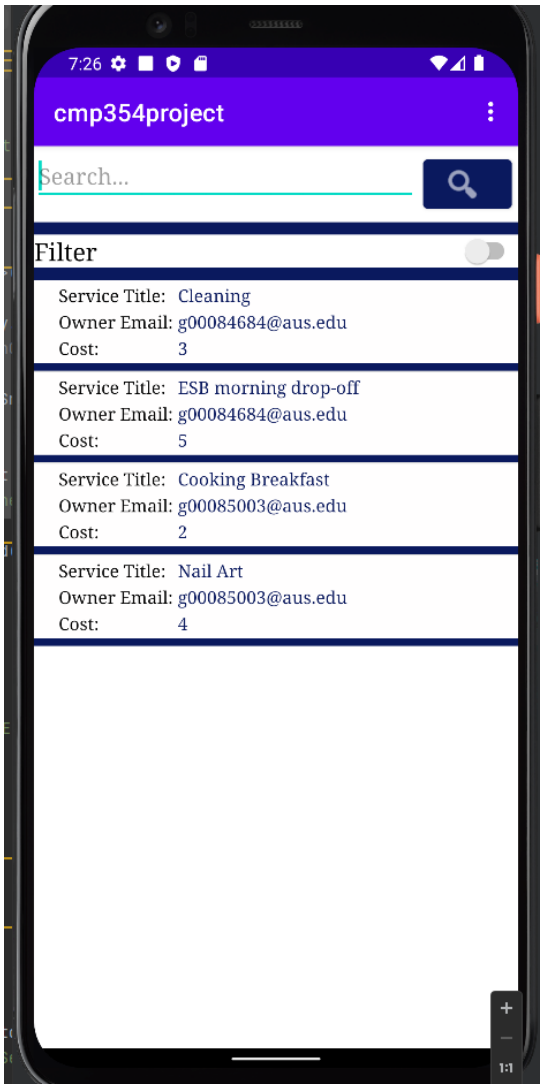






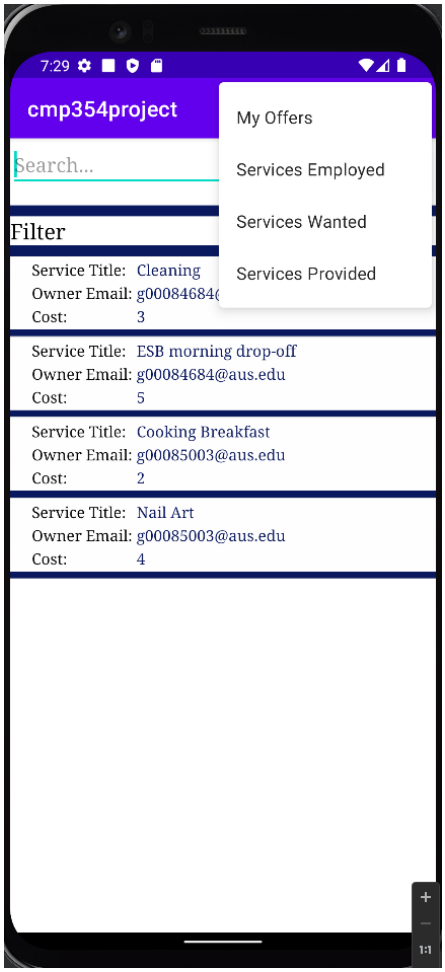
User1 can also choose to end the employment and return the service to the home page.

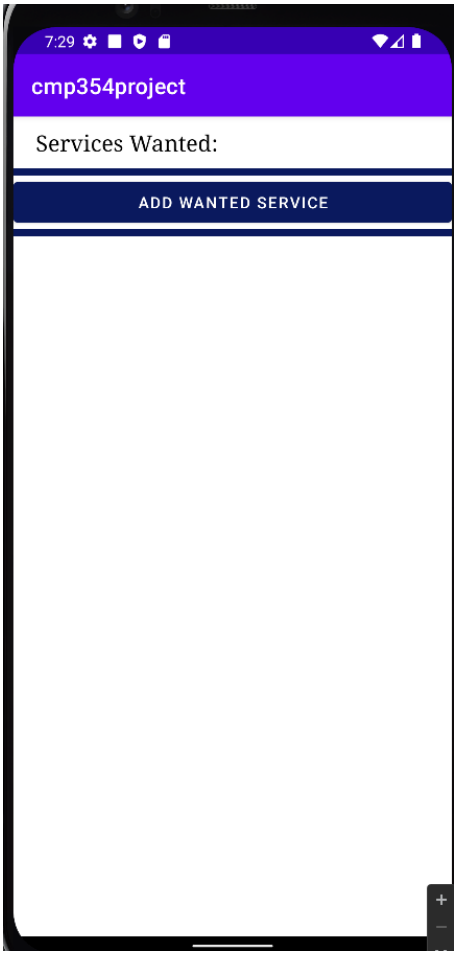

7:25
cmp354project
Services Employed:
Service Title: ESB morning drop-off
Owner Email: g00084684@aus.edu
Cost: 5
Completed
Mark "ESB morning drop-off " as completed ?
NO
CANCEL SERVICE
YES

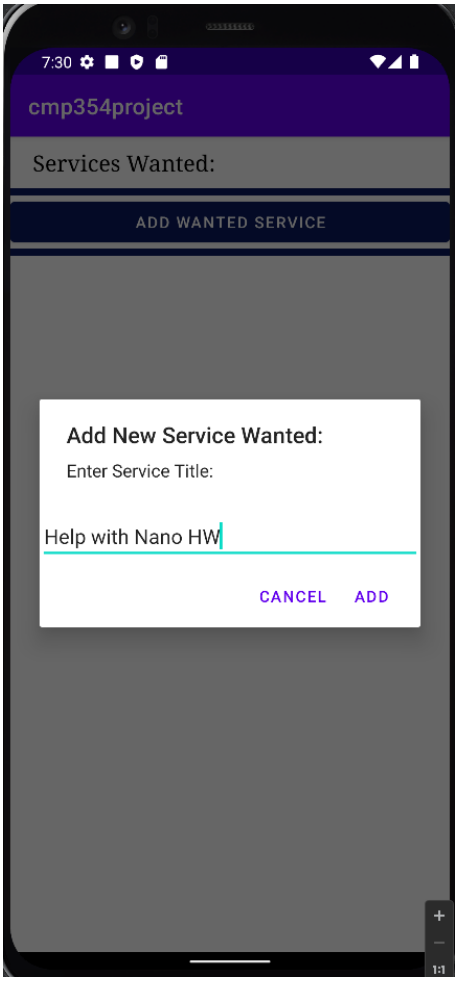

7:26
cmp354project
Search...
Filter
Service Title: Cleaning
Owner Email: g00084684@aus.edu
Cost: 3
Service Title: ESB morning drop-off
Owner Email: g00084684@aus.edu
Cost: 5
Service Title: Cooking Breakfast
Owner Email: g00085003@aus.edu
Cost: 2
Service Title: Nail Art
Owner Email: g00085003@aus.edu
Cost: 4

V. Adding a wanted Service

If a user requires a service that is not offered, they can add that want to the Wanted Services menu, where other users can view it. Once a want is added, a confirmation is sent; however, a user cannot see their wanted services.

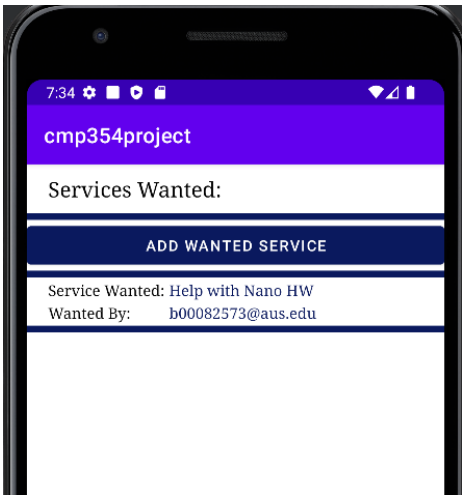


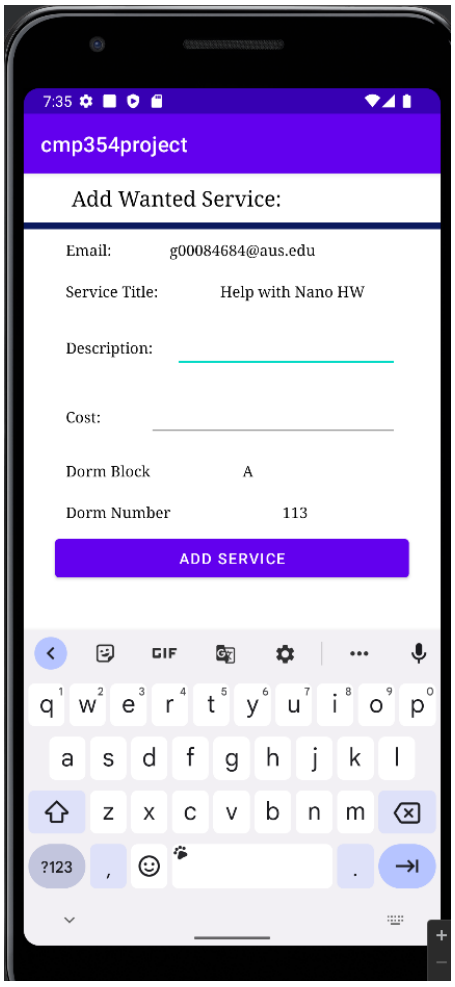


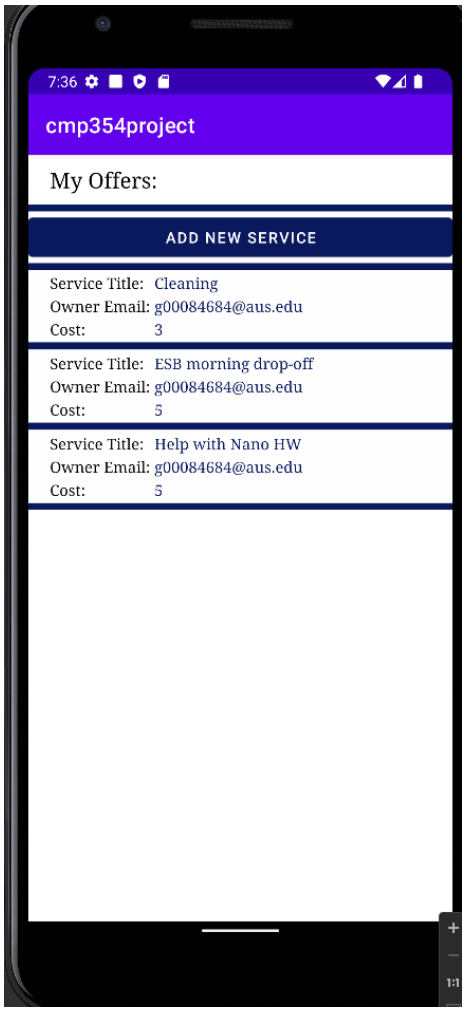


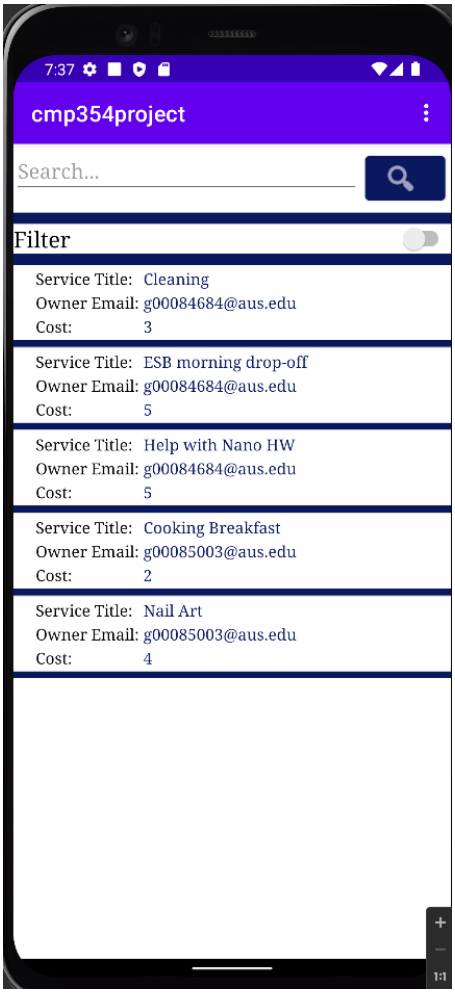
VI. Turning a wanted service into an offered service

When user2 accesses the Wanted Services menu, they will be able to see wanted services posted by other users, and upon selecting the wanted service, they can turn it into an actual offered service that appears in their My Offers menu and the home page.


7:34
cmp354project
Services Wanted:
ADD WANTED SERVICE
Service Wanted: Help with Nano HW
Wanted By: b00082573@aus.edu


7:35
cmp354project
Add Wanted Service:
Email: g00084684@aus.edu
Service Title: Help with Nano HW
Description:
Cost:
Dorm Block A
Dorm Number 113
ADD SERVICE


7:36
cmp354project
My Offers:
ADD NEW SERVICE
Service Title: Cleaning
Owner Email: g00084684@aus.edu
Cost: 3
Service Title: ESB morning drop-off
Owner Email: g00084684@aus.edu
Cost: 5
Service Title: Help with Nano HW
Owner Email: g00084684@aus.edu
Cost: 5


7:37
cmp354project
Search...
Filter
Service Title: Cleaning
Owner Email: g00084684@aus.edu
Cost: 3
Service Title: ESB morning drop-off
Owner Email: g00084684@aus.edu
Cost: 5
Service Title: Help with Nano HW
Owner Email: g00084684@aus.edu
Cost: 5
Service Title: Cooking Breakfast
Owner Email: g00085003@aus.edu
Cost: 2
Service Title: Nail Art
Owner Email: g00085003@aus.edu
Cost: 4