

First Iteration Demo Report

CIS 350

Care Co-ordination Application Project

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List of user stories:

- UI/UX
- Calendar/Tasks
- Contacts
- Friends
- Games
- Homepage/Launcher

Comments on each user story

UI/UX: This was a priority as we prepared for this iteration. While the design and look of the application is still a work in progress (we do not have a design background and are awaiting input from design-savvy students suggested by our client) we implemented it in a way that would not incur too much technical debt, such as by using custom views instead of using the Android-provided buttons and views.

Homepage: We successfully designed the homepage as per the agreed layout at one of our client meetings.

Calendar/Tasks: The Task view has been implemented and when clicking on a Task it will open up to the user's personal Google calendar on the browser. We have not yet implemented the appointment/medication reminder function because we have not yet managed to go into databasing. Moving forward, we will work on the reminder function as well as implement other task features that our client requested, such as the task changing colour upon being finished.

Contacts: The contact list has been implemented and when each person is clicked it calls the person's number. As we have not yet managed to go into

databasing, we have not implemented the add/delete/edit function for each name.

Friends: The friends function links to Facebook as per the client's initial requests. Subsequent development into a more complicated feature based on her later comments will be discussed further at the demo.

Games: The games feature opens up a list of games and links to other application currently stored on the mobile. One problem we encountered is that the emulator is not able to download or use Marketplace due to certain restrictions, hence we could only link to other applications currently already on the phone. We will resolve this in the future by trying to work with an actual Android mobile phone.

Bugs

We currently do not know of any bugs as we managed to overcome them during implementation. However, we note that there are insufficiencies in our application, the foremost of which is the lack of database use. We also need to find out how to scroll through a custom view.

Test

The class we focused on testing is the MainActivity class, which is essentially the Homepage of our application. We tested the following:

- a. onGames(). Homepage leads to correct Games view
- b. onVoice(). Homepage leads to correct Voice view
- c. onContacts(). Homepage leads to correct Contacts view
- d. onMore(). Homepage leads to correct More view
- e. onFriends(). Homepage opens up Facebook on browser
- f. onTaskListItemClick(). Homepage opens up personal Google calendar on browser

Moving forward

- 1. Figure out how to make custom views scrollable
- 2. Implement the database-dependent functions
- 3. Circumvent the Marketplace issue.
- 4. Discuss with client further second iteration user stories – map, voice reminders, development of Friends feature, tracking, panic button.