Group number: 1713

Project title: Prison Production Garden Application

Client/Advisor: Julie Stevens

Team Members/Role: Juan Venegas/Leader,

Matt Koenig/Communication Leader,

Andrew Dailey/Webmaster,

ChiaJun Tai/Key Concept Holder

Jacob Stimes/Webmaster,

Jacob Anhorn/Key Concept Holder

o **Weekly Summary**

Met with Doug to discuss progress and potential changes. We may look into creating a web app instead of an android app.

o **Past Week Accomplishments**

- ❖ Completed Design Document
- ❖ Began asking important questions regarding specific design choices and requirements
- ❖ Presented early screen demos to Julie's team

o **Individual contributions**

NAME	Individual Contributions	Hours this week	HOURS cumulative
Andrew Dailey	Met with Doug and researched potential redesign in the form a web application. This would replace the android app entirely.	3	25
Juan Venegas	Met with Doug to discuss potential security issues in terms of the app's wifi connectability. Also, presented the idea of replacing Android app with. Setting up meeting for Julie and her team to discuss potential replacement of Android app with web app. Also, contacting Dr.Mina about getting a testing tablet.	3	15
Matt Koenig	Met with Doug to discuss potential issues with our design plans. Looking into tablet options.	3	18.5
ChiaJun Tai	Continue researching and working on android development.	3	24.5
Jacob Stimes	Researched & evaluated web frameworks to determine if there is valid reason to develop our program as a web app instead of a native Android app. Advisor meeting & weekly report	3	21.5
Jacob Anhorn	Met with Doug to discuss various questions we had regarding security and wifi accessibility. Weekly report.	1.5	14.5

o **Comments and extended discussion**
- ❖ Jacob S's web framework evaluations:
  - ▪ AngularJS
    - ● Pros: Can make reusable front-end components, uses TypeScript, pretty easy to set up site navigation structure
    - ● Cons: Only handles the frontend work so we would still need to pick a backing server. Doesn't have the most comprehensive documentation
  - ▪ Ruby On Rails:
    - ● Pros: A lot of documentation, widely used, many plugins available, a full framework (frontend, backend, and database integration)
    - ● Cons: I'm guessing none of us have ever used Ruby (although it doesn't look too hard). Requires a bit more system-level knowledge

- ▪ Django & Flask: I can't say I looked into them enough to make an evaluation, but they should still be considered. They are both python web frameworks. If other team members know python, they are worth looking into further.

- o **Plan for Coming Week**
  - ❖ Decide whether to continue with the native app or pick a web framework and revise project plan based on these changes
  - ❖ Either way, we also plan to revise our original project plan to be a little more specific on what we wish to accomplish

- o **Summary of Advisor Meetings**
  - ❖ Our advisor gave his approval on using Wifi to send/retrieve the apps data, if the prison system allows it
  - ❖ Our advisor also approved the idea of using a web app instead of a native Android app, although the final decision is up to us.