

## CPRE 491 STATUS REPORT #2

October 13, 2019 - October 20, 2019

Group: SDMAY20-52

Project Title: KEY EXCHANGE OUTSIDE OF TCP/IP

Client & Advisor: Julie Rursch

Team Members:

- |                  |                            |
|------------------|----------------------------|
| ● Logan Woolery  | Lead Integrations Engineer |
| ● Jacob Moody    | Server Developer Lead      |
| ● Joel Wacker    | Android Developer          |
| ● Andre C        | Server Development Tester  |
| ● Jack Potter    | Client Architecture Tester |
| ● Jordan Svoboda | IOS Developer              |
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### Past Week Accomplishments

- ❖ Designed Architecture diagram
- ❖ Began POC work

### Pending Issues

- ❖ Application integration
- ❖ Acquiring hardware for client/server
  - Get test app on iOS device
  - Get test app on Android device
  - Set up VPS for our server

## Individual Contributions

<b>Team Member</b>	<b>Contribution</b>	<b>Weekly Hours</b>	<b>Total</b>
Jacob Moody	Team Meetings Research	8	16
Joel Wacker	Team Meetings Research	8	16
Andre C	Team Meetings Research	8	16
Jordan Svoboda	Team Meetings Research	8	16
Logan Woolery	Team Meetings Research	8	16
Jack Potter	Team Meetings Research	8	16

## Plans for Coming Week

- Andre- Get VPS setup
  - Finalize VPS location
  - Begin VPS setup
    - Connect to Git
    - Lockdown/create permissions and users
    - Create database
- Jacob- Start server code
  - Write dummy json REST interfaces
  - Web server control flow
- Jack
  - Experiment with building iOS apps on Linux
  - Establish app testing criteria
  - research into libraries necessary for app
- Joel- Continue Android Development
  - Begin QR Code Generation
  - Create Android x86 Virtual Machine
- Jordan- Continue development of prototype app
  - Finish some rough screen sketches
  - Get general layout of app established
  - Figure out process for building app for iOS on Windows
    - Might just try to find a Mac to build on
- Logan
  - Initial application communication spec writeup
  - Configure git & wiki
  - Initial code commits