EE / CprE / SE 492 - sdmay25-10
True Force Technologies Mobile App Development
Status Report 6

4/4/2024 - 4/17/2025
Client: True Force Technologies
Faculty Advisor: Matt Post

Team Members:

Molly Rooney – Team Communications Leader / Frontend Development Co-Master
Tessa Lanzel – Team Product Leader / Frontend Development Co-Master
May Edel – App Development Co-Master
Elicia Baranowski – Cyber Security Co-Master
Alexandra Rauer – Cyber Security Co-Master
Joshua Steven Chiang – Software Testing Master
Paige Schneider – App Development - Co-Master

Accomplishments

- Filmed and edited user tutorial video for client
- Outlined changes needed for final design document
- Configured development builds for iOS and Android applications
  - Allowing installation of developing application on physical devices for debugging purposes
- Established Bluetooth connection capability on application UI

Pending Issues

- Bluetooth
- Access to ForceRack firmware and old application code

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Molly Rooney	Attended weekly meetings. Filmed and edited set-up video. Updated the	10	72

	user manual. Contributed to the editing of final documents		
Tessa Lanzel	Attended the weekly meeting. Filmed and edited tutorial video for client. Updated the user manual to include new pictures taken. Helped with bluetooth connection and bugs.	15	75
May Edel	Attended weekly meetings. Configured Android and iOS development builds of the application. Established bluetooth connection on Android app. Identified bluetooth services and characteristics. Began attempts to implement data streaming from hardware device. Contributed to final documentation edits.	30	118
Alexandra Rauer	Attended weekly meetings. Added to the design doc updating sheet as well as editing the design doc. Getting started on working	5	49

	on the cyber doc.		
Paige Schneider	Attended weekly meetings. Continued work on preparing the project for future development. Contributed to final documentation edits.	8	62
Elicia Baranowski	Created and started cyber document, while researching different config options, contributed to final documentation edits	7	39
Joshua Steven Chiang	Attented weekly meeting, Configures Android and iOs build. Established bluetooth connection on iOS app. Helped with final documentation edits.	20	80

Plans for Coming Week

- Work on final deliverables (presentation, design doc, poster, website)
- Continue work on documentation for future development
- Get access to the ForceRack device's firmware to analyze the Bluetooth data streaming