

EE / CprE / SE 491 - sdmay25-10

True Force Technologies Mobile App Development

Week 10 Report

11/15/2024 - 11/21/2024

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

Past Week Accomplishments

- Started collecting all documents to create final design document - Paige
 - Created a rough draft of final design document
 - Found areas of improvement that are needed
- Continued to update website with current documentation - Molly
 - Updated website to include all team members' photos and all current documentation
 - Added client logo to overview sections
- Researched possible cyber security components - Lexie, Elicia
 - Brainstormed possible solutions to current cybersecurity issues
 - Connected ideas to security standards to ensure the application will meet standards
 - Listed specific security considerations for different aspects of the project
 - Document: [Security Considerations](#)
 - Sent possible solutions to advisor and client to receive feedback
 - Document: [Security Solutions](#)
- Started compiling lighting talk slide shows into one final presentation - Tessa
 - Updated lighting talk presentations to include in final presentation
 - Combined all presentations together into one concise presentation

- Started researching Bluetooth connection for Swift/iOS and using physical tablets to test code with Force Rack in the lab - May
 - Started planning for receiving and displaying live data on UI from a lift when using rack

Pending Issues

- Currently waiting on information about backend to begin connecting screens together
 - API hooks for implementing application features from the UI we are constructing
- Currently waiting for access to the database and backend to begin the cyber security component.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Molly Rooney	Updated the website and started working on final design document	2	44
Tessa Lanzel	Started working on the final design presentation	2	41
May Edel	Started research on Bluetooth connection to Force Rack through Swift and looking into using physical tablets to test the code	4	63
Alexandra Rauer	Looked over	2	33

	security solutions document, brainstormed for other security considerations		
Paige Schneider	Created 1st draft of final design document and noted areas to improve	3	36
Elicia Baranowski			29
Joshua Steven Chiang	Connected ios screens, started working on edit team player and edit single team player ios screens	3	40

Plans for Coming Week

- Research IOS and Android app development - All
- Continue to create screens - Paige, May, Tessa, Molly, Joshua
- Continue connecting screens together - Paige, May, Tessa, Molly, Joshua
- Receive hardware and admin login for existing product from client to start using the product - All
- Speak with cyber security professors to gain insight on possible implementations - Elicia, Lexie
- Complete the final design document and slide show to practice for final presentation - All