EE / CprE / SE 491 - sdmay25-10
True Force Technologies Mobile App Development
Week 4 Report

10/3/2024 - 10/10/2024
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 Chiang Fung – Software Testing Master

Paige Schneider – App Development - Co-Master

Past Week Accomplishments

- Created Git issues - Molly
  - Molly created issues for every screen needed for our project based on May's Figma designs
  - Created issues for both android and iOS screens to keep apps separate
- The team had a meeting with our advisor and client - All
  - Discussed current progress and provided feedback on application logistics
  - Decided to move weekly check-in meetings to every other week
- Finished lab computer setup - May, Tessa, Joshua
  - Went into senior design lab and finished set up of mac
  - Started downloading all necessary software to start development
  - Created schedule to share computer
- Created portrait UI screens - May
  - Rotated all the current UI screens to be compatible with mobile devices
  - Received feedback from client on screen looks and logistics
- Mapped out a workflow between the UI screens - May
  - Created a flowchart for navigation between the application views
  - Resolved questions with the client about what functionality appears in certain flows
- Set up virtual environment and remote access - Paige

- - Meet with ETG staff to find possible ways to remote connect from Dell computers to the Mac lab computer.
    - Decided on using UltraVNC to remote connect
    - Wrote out instructions for other teammates on setup and use
  - Conducted iOS and SwiftUI research - Tessa, May, Joshua
    - Continued with learning Swift to start developing UI for iOS
    - Started tutorials on youtube to learn different ways to develop in iOS
  - Got assigned a locker in the senior design lab for storage of tablet

Pending Issues

- We are currently waiting for a tablet provided by the ISU tech department
  - We cannot test our Android code without the tablet
- We are currently waiting on a weightlifting rack to test the application on

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Molly Rooney	Participated in weekly meetings, created git issues, researched android app development, and continued to update website as needed. Started creating screens.	7	17
Tessa Lanzel	Participated in weekly	4	14

	meetings, researched iOS, rented mac book to develop at home. Set up git on macbook in lab		
May Edel	- Participated in weekly meetings, worked on design and workflow of UI screens, rented to macbook to develop independent of lab	12	25
Alexandra Rauer	Participated in weekly meetings, brainstormed possible cyber components	4	14
Paige Schneider	Participated in weekly meetings, set up remote access, got locker for lab, started creating screens,	5	15
Elicia Baranowski	Participated in weekly	4	14

	meetings, brainstormed possible cyber components		
Joshua Steven Chiang	Participated in weekly meetings, researched iOS for app development.	4	14

Plans for Coming Week

- Research IOS and Android app development - All
- Start to create screens - Paige, May, Tessa, Molly, Joshua
- Receive hardware and admin login for existing product from client to start using the product - All
- Brainstorm ideas of how to incorporate cyber security - Elicia, Lexie
- Speak with cyber security professors to gain insight on possible implementations - Elicia, Lexie