EE / CprE / SE 491 - sdmay25-10
True Force Technologies Mobile App Development
Week 6 Report

10/18/2024 - 10/24/2024
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

- Created screens - May, Molly, Tessa, Paige, Joshua
  - Followed the Figma UI designs and created interfaces for Android and iOS, adding partial navigation between some screens
- Committed and pushed to git - May, Molly, Tessa, Paige, Joshua
  - Created branches for each screen and assigned some to each developer
  - Implemented the UI designs and pushed them to git
  - Created merge requests with peer reviewers before merging the screen implementations to main branch
- Received feedback on UI designs - All
  - Applied the changes to existing screens that were already coded
  - Took notes on feedback for changes that need to be applied to remaining screens not yet finished
- Communicated with client to gain necessary knowledge on scope of project - All
  - Requested and received some project resources such as images and website access
  - Collaboratively developed remaining questions about existing backend code and external storage to send to advisor and client
- Started pen testing the website - Elicia, Lexie
  - Started finding issues within the website that could possibly be fixed

○ Brainstormed possible fixes to the found vulnerabilities

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
- Waiting to gain access to the database
    - Type of database, what data is stored, calls needed to access the data
    - Would like to view data format, types, and attributes to effectively develop frontend logic in order to create application functionality

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Molly Rooney	Participated in weekly meetings, created shells of screens on android studio including splash, login/quick start, configuration screens, and edit pages.	8	29
Tessa Lanzel	Participated in weekly meetings, created screens for iOS device including the team configuration	6	24

	and bench configuration pages		
May Edel	- Participated in weekly meetings, created several screen shells, applying changes after receiving design feedback, researched iOS/Swift (navigation, charts)	12	45
Alexandra Rauer	Participated in weekly meetings, brainstormed possible cyber components, and started pen testing	4	21
Paige Schneider	Participated in weekly meetings, created screens for android including bench configuration, and popup screens	6	24
Elicia Baranowski	Participated in weekly meetings,	4	21

	brainstormed possible cyber components, and started pen testing		
Joshua Steven Chiang	Participated in weekly meetings, started creating screens	6	24

Plans for Coming Week

- Research IOS and Android app development - All
- Continue to create screens - Paige, May, Tessa, Molly, Joshua
- Begin connecting screens together - 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