EE / CprE / SE 491 - sdmay25-10
True Force Technologies Mobile App Development
Week 7 Report

10/25/2024 - 10/31/2024
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 navigation between existing 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 from advisor during biweekly check in - 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
  - Voiced concerns about project and roadblocks
- 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, continued to created screens from figma UI for android device	5	34
Tessa Lanzel	Participated in weekly meetings, continued to create screens for iOS device.	7	31
May Edel	Participated in weekly meetings, created some screens, added navigation between screens,	5	50

	researched iOS/Swift (navigation, charts)		
Alexandra Rauer	Participated in weekly meetings, researched cyber solutions, received feedback on ideas from advisor	4	24
Paige Schneider	Participated in weekly meetings, continued to create screens and research pop up in android studios	4	28
Elicia Baranowski	Participated in weekly meetings, researched cyber solutions, received feedback on ideas from advisor	4	24
Joshua Steven Chiang	Participated in weekly meetings, continued to create screens for iOS	5	29

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