EE / CprE / SE 492 - sdmay25-10
True Force Technologies Mobile App Development
Status Report 2

1/31/2024 - 2/13/2025
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

- Conducted research on steps for setting up React Native development environment with Expo on lab computer
- Installed tools and dependencies needed to create React Native projects on lab computer
- Researched React Native and Expo development tools like devices and emulators
- Received current user manual and discussed possible upgrades such as set up guide and video
- Updated client requirements
  - Defined expectations for development progress this semester

Pending Issues

- Waiting to hear back from advisor on the possibility of getting an iPad to put in developer mode so that we are able to use it in the development of the new React Native application

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Molly Rooney	Attended client meeting. Started a rough draft of improved user manual.	2	48
Tessa Lanzel	Attended client meeting, Researched React Native and Expo, helped with the setup of the lab computer for the new React Native Application	1	44
May Edel	Attended client meeting, Researched React Native and Expo, installed tools and dependencies on lab computer necessary for creating and developing React Native application	2	67
Alexandra Rauer	Attended meeting with client/advisor. Looking into implementation requirements for Microsoft Entra.	2	37
Paige Schneider	Attended client meeting. Created alternate pathing document to direct requirement questions	2	38

Elicia Baranowski	Attended client meeting, reached out to microsoft about products while also looking at cloud database options for future	2	35
Joshua Steven Chiang	Researched React Native, and started migrating current iOS app to react native using expo.	2	44

Plans for Coming Week

- Inquire about specific pricing and plan for implementation of Microsoft Entra
- Do research about React Native apps
- Finalize the setup of the application on the lab computer
- Reimplementing the screens