EE / CprE / SE 492 - sdmay25-10
True Force Technologies Mobile App Development
Week 1 Report

12/13/2024 - 1/29/2025
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

Past Semester Accomplishments

- Milestones reached
    - Implementation of Android and iOS applications
        - Working Screen prototypes and navigation
- Individual contributions
    - Created applications - Molly, Paige, Steven, Tessa, May
    - Researched possible cyber security components and presented ideas to client - Alexandra, Elicia
        - Approved ideas and plan to implement by May
- Plans for the upcoming reporting period
    - Have a meeting with our client and advisor to discuss migrating applications into one
    - Have a decision on how to move forward with the project
- Project Work
    - Brainstorm possible solutions to migrate the applications into one
    - Reach out to cybersecurity professionals to start implementing the components
- Research
    - Conducted research on both Android and iOS UI development
    - Conducted research on Bluetooth connection

Pending Issues

- Considering migrating Android and iOS implementation to one application (React Native)
- Get the data from the existing database
- Connect the database to the app
- In the process of connecting the hardware rack to the applications using the Bluetooth stack
- Consider using a cloud database/research more affordable options

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Molly Rooney	Attending weekly meeting and researched one vs two applications. Came up with goals for 2nd semester.	2	46
Tessa Lanzel	Attending weekly meeting and researched one vs two applications. Came up with goals for 2nd semester.	2	43
May Edel	Attending weekly meeting and researched one vs two applications.	2	65

	Came up with goals for 2nd semester.		
Alexandra Rauer	Attending weekly meeting and researched one vs two applications. Came up with goals for 2nd semester.	2	35
Paige Schneider	Attending weekly meeting and researched one vs two applications. Came up with goals for 2nd semester.	2	38
Elicia Baranowski	Attending weekly meeting and researched one vs two applications. Came up with goals for 2nd semester.	2	35
Joshua Steven Chiang	Attending weekly meeting and researched one vs two applications. Came up with goals for 2nd semester.	2	42

Plans for Coming Week

- Inquire about specific pricing and plan for implementation of Microsoft Entra.
- Reimplementing the screens
- Do research about React Native apps
- Meet with Client and Advisor to discuss plans for the upcoming semester