

EE / CprE / SE 492 - sdmay25-10

True Force Technologies Mobile App Development

Status Report 5

3/14/2024 - 4/3/2025

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

- Meet with client and advisor for project update
 - Updated what we have done and what we are working on
 - Discussed solutions to current bluetooth integration difficulties
 - Prepared for new user setup video recording scheduled for next week
 - Got direction on what information wanted from cyber team's microsoft configuration report
 - Agreed to begin preparing documentation for a future group to work on project
 - Meeting notes doc:
<https://docs.google.com/document/d/19tQJ4JnqIKscm4fHZSMVLRNRgMrhY3JdyS-elyyy-LQ/edit?tab=t.0>
- Fixed UI layout and formatting issues

Pending Issues

- Waiting to hear back about preferred database, create security user guide based on decision
- Fix screen rotation issues in Android simulations
- Fix back arrow inconsistencies

- Bluetooth connectivity issues with react native library

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Molly Rooney	Attended weekly meetings. Helped finish up app recreation and helped with starting bluetooth connection. Planned for upcoming user manual video.	6	62
Tessa Lancel	Attended weekly meetings. Fixed and updated the design for 4 screens to match the rest of the app. Started working on making the app cohesive and ensuring all elements match one another.	10	60
May Edel	Attended weekly meetings. Worked on finishing the UI screens and adding app navigation. Started researching and working on the Bluetooth connection.	14	88
Alexandra Rauer	Attended weekly meetings. Researched Microsoft Azure settings.	3	44
Paige Schneider	Attended weekly	6	54

	meetings. Fixed layout issues with some screens. Began system documentation and improve system consistency		
Elicia Baranowski	Attended weekly meeting and researched azure tools and how we can set them up, started master database doc	4	39
Joshua Steven Chiang	Attended weekly meetings. Researched and tested bluetooth connectivity.	10	60

Plans for Coming Week

- Implement consistent style across all screens
- Start thorough documentation of system and future to-dos
- Record new user setup video for user manual
- Work on Bluetooth connectivity with the Force Rack
- Go through Microsoft Azure setup to create guide