



Knight Foundation
School of Computing
and Information Sciences



Engineering
& Computing

School of Computing & Information Sciences

Fall 2021 Senior Design Project

Combo Counter

Students:

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Problem

There's a lack of methods to measure certain exercising activities.

Current System

Modes:

- Combo Mode
- Force Mode
- Timed Mode
- Strength Mode
- Punch Challenge Mode

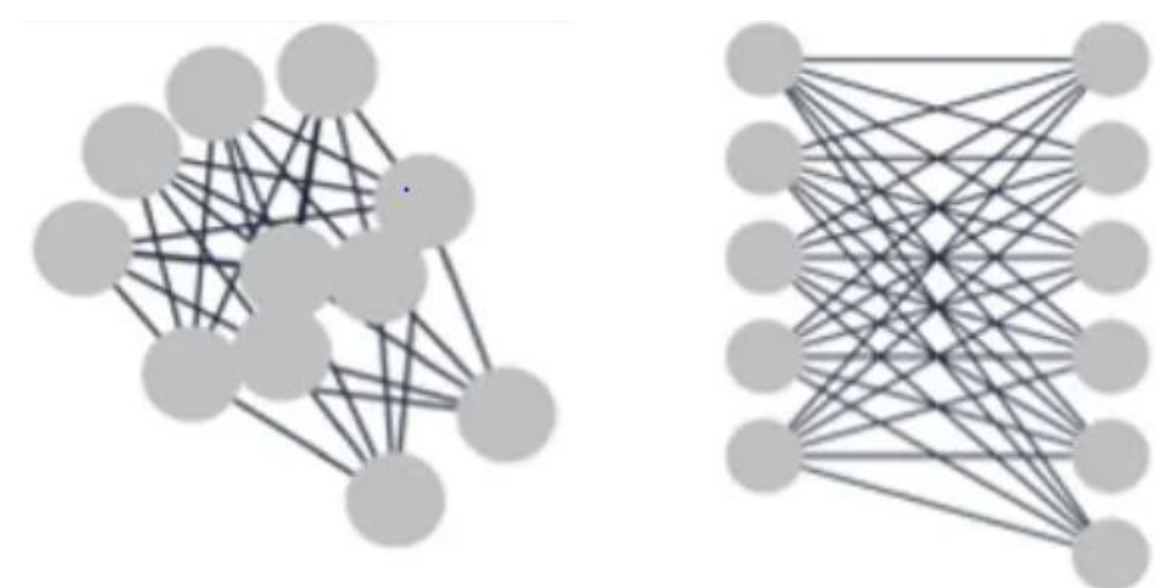
Requirements

To develop:

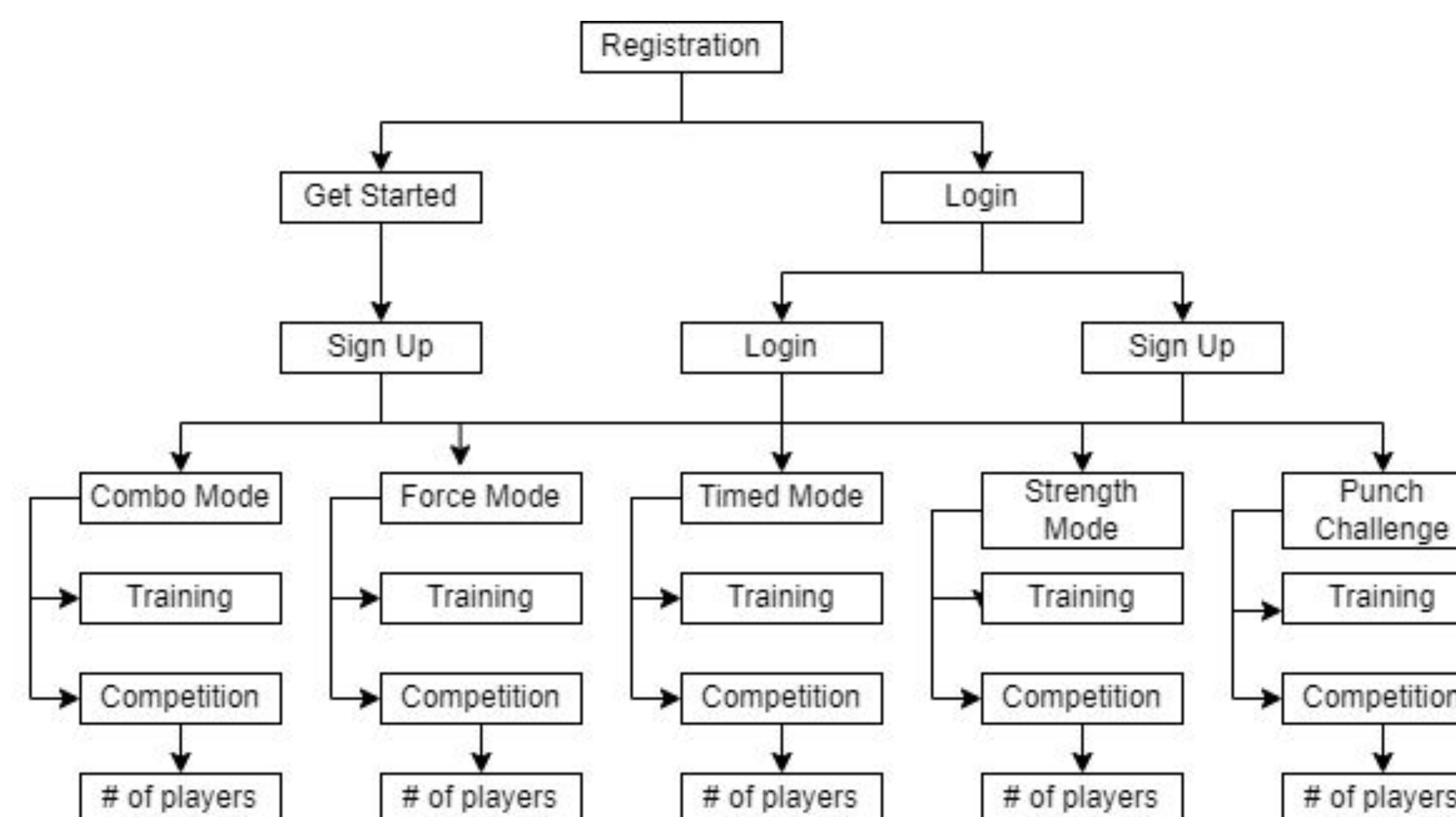
- Access to a computer with the ability to run MySQL and Apache server simultaneously.
- Any IDE with version control support.
- A version control system like GitHub.

Verification

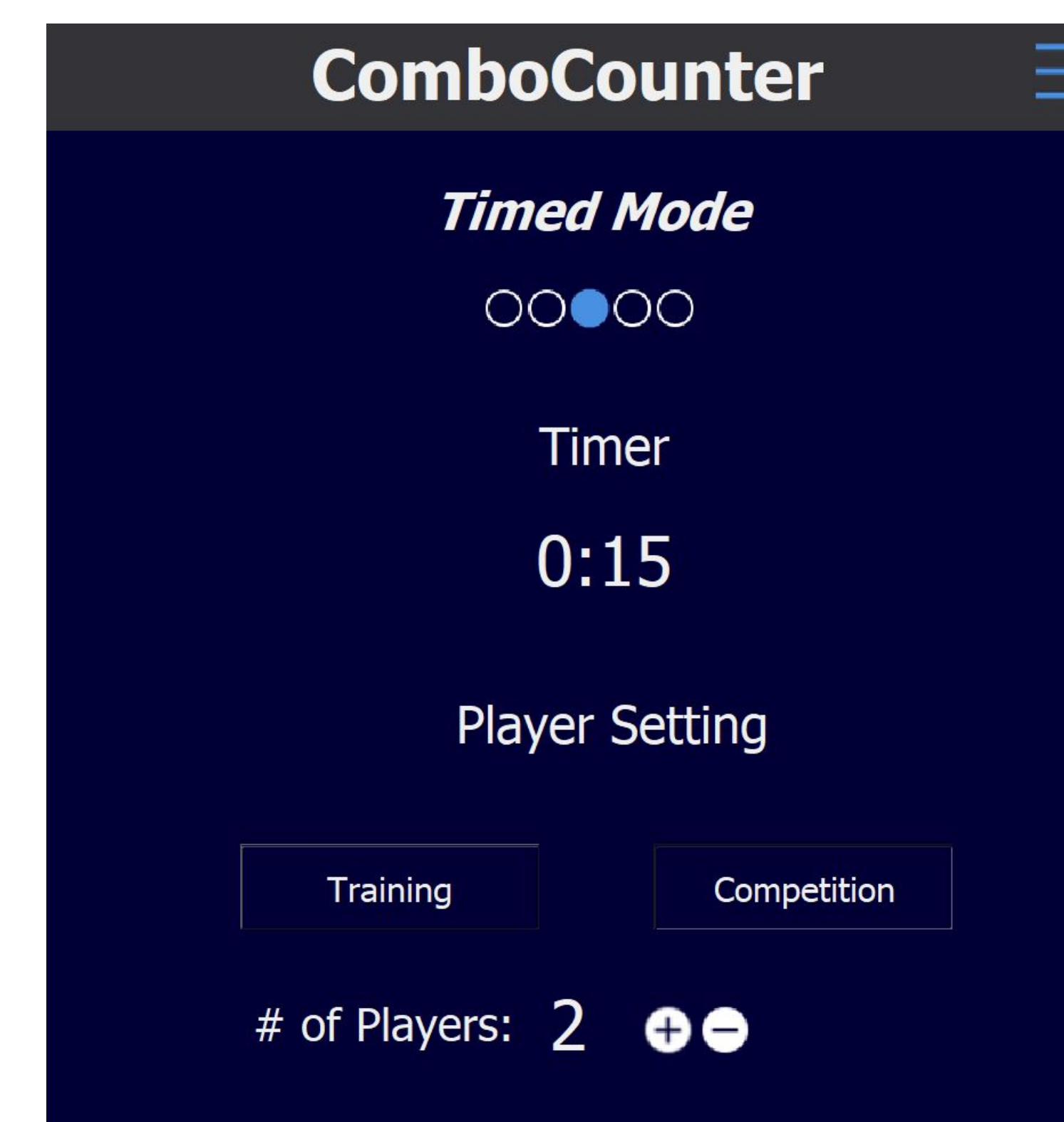
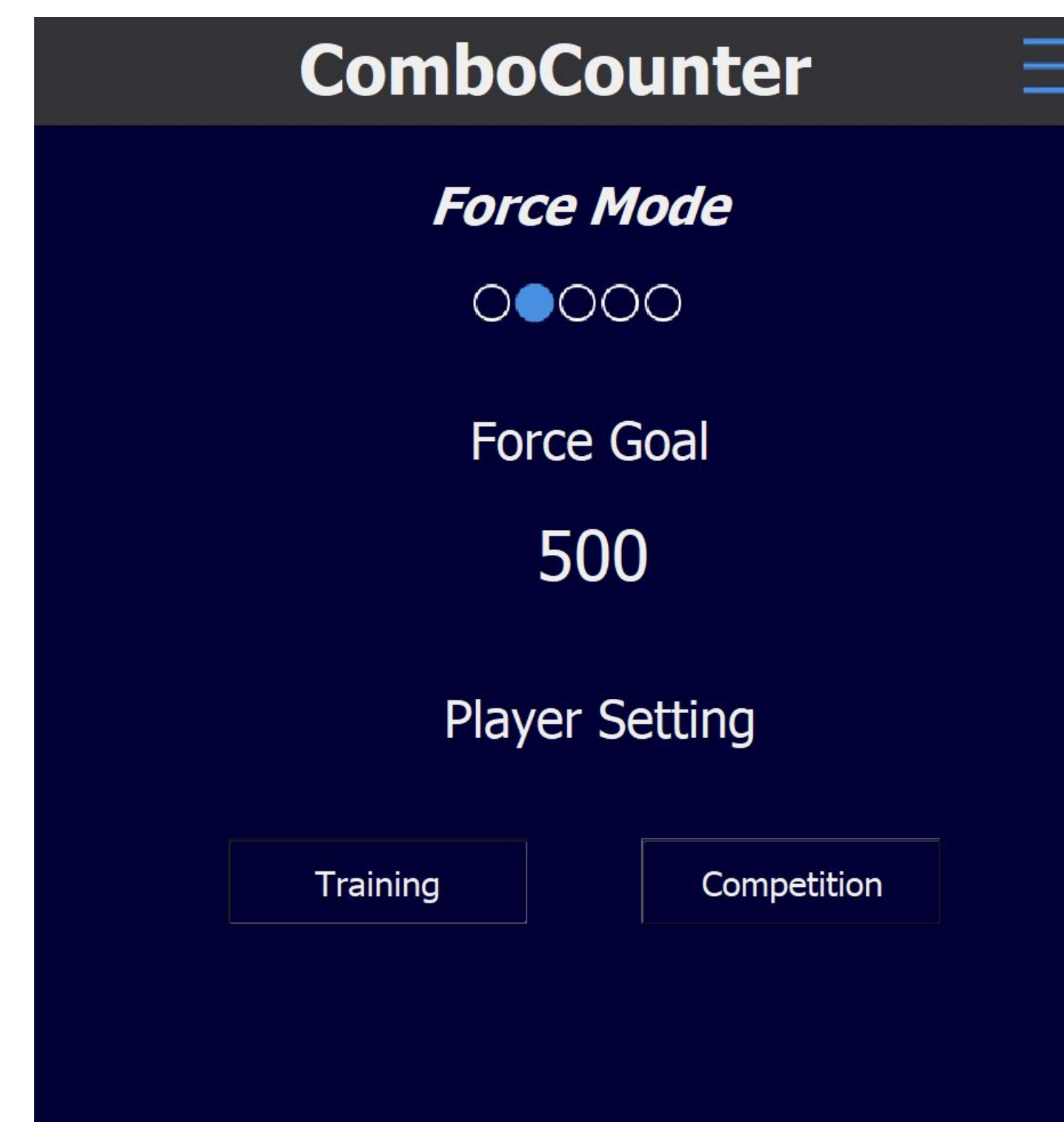
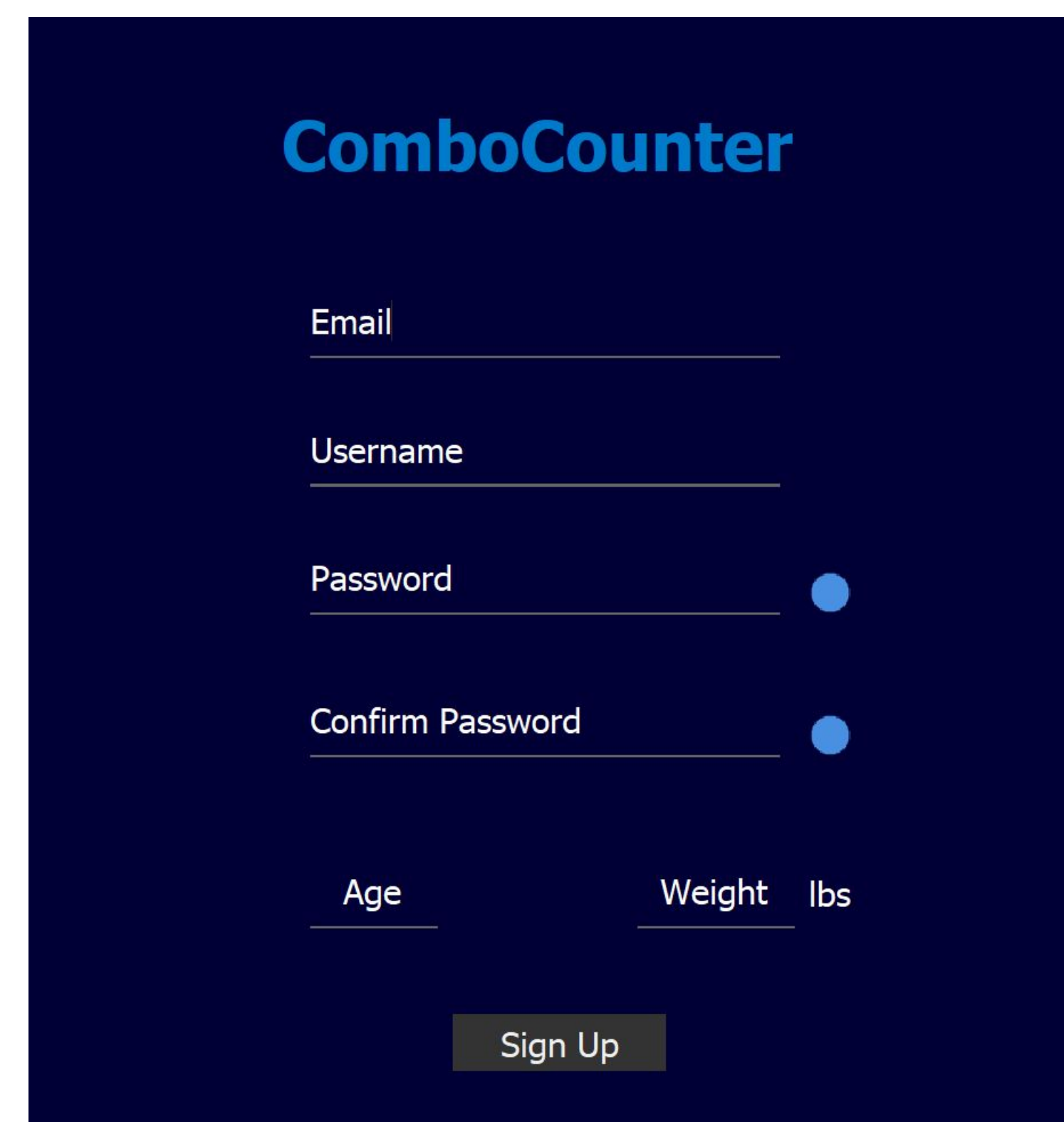
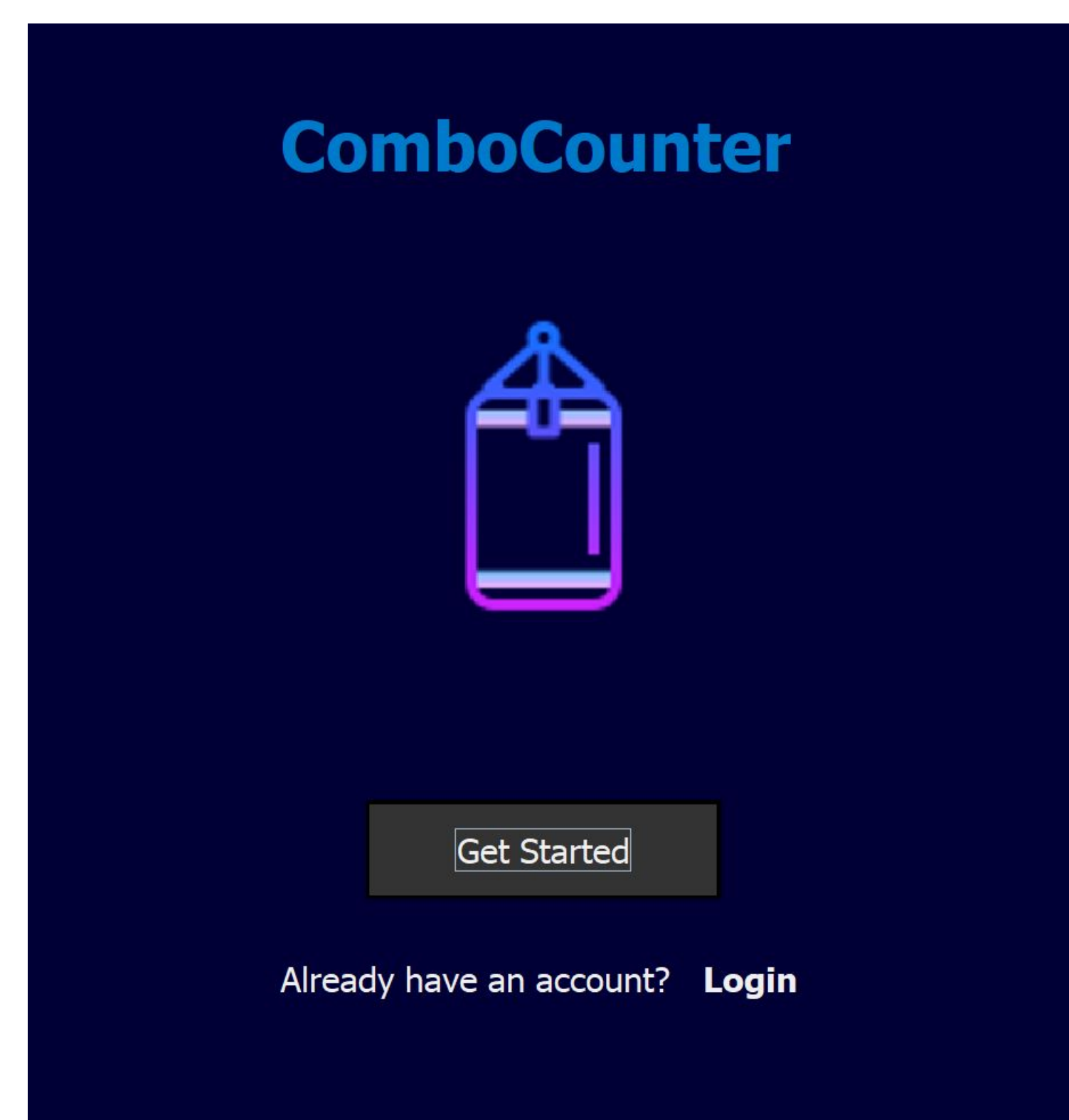
Several manual testing and graphs were used to test each new feature added.



System Design



Screenshots



Summary

This simple yet incredible app could be great for athletes or even for recreational use. It definitely has great commercial potential.

Acknowledgement

The material presented in this poster is based upon the work supported by Michael H. Bucar. We/I thank Michael H. Bucar for assistance, cooperation and mentorship that I/we received throughout this process