

Florida International University

Summer 2023 Capstone 2 Project

SkillCourt Interactive Soccer Technology

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SkillCourt
PLAY ON PLAYER

App Summary

SkillCourt is a mobile and web application where players kick soccer balls at a physical LED panel. Their accuracy is recorded by a phone application

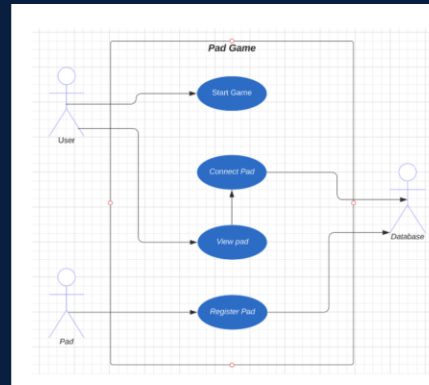
Problem

The biggest problem I faced was working on the firmware code for this system as it was having a lot of dependencies issues and hardware issues and then just moving the player statistics data around from one page of the application to the player statistics page

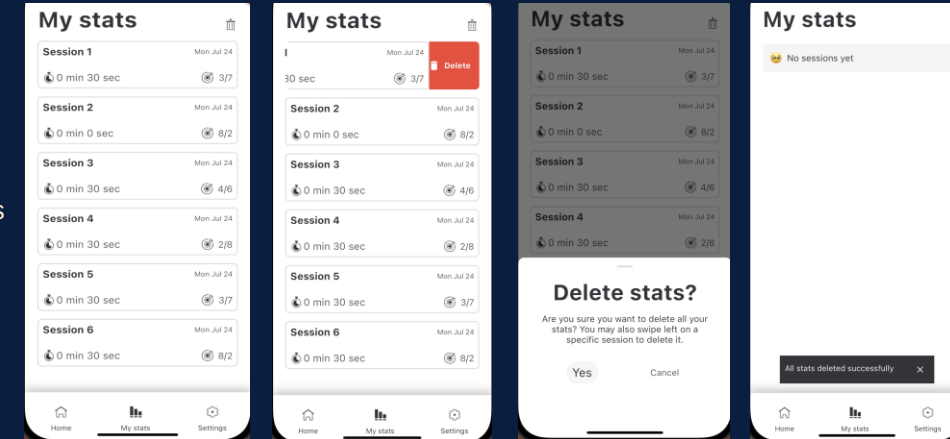
Verification

- Worked on the firmware for the pads
- Completed the player statistics page and implemented ways to delete player game data/have all previous sessions displayed for the player
- Setup the global navigation bar that's used throughout the entire application

Current System

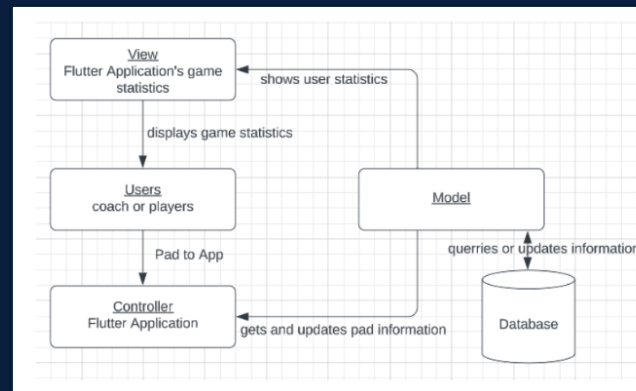


Screens



Screenshots show the features that were implemented into the player statistics page such as swiping to delete individual sessions, a scrollable session list, deleting all player sessions simultaneously, and having a full functional bottom navigation bar

System Design



ACKNOWLEDGEMENT

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