

Florida International University

Summer 2023 Capstone 2 Project

Skillcourt

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PROBLEM

Currently the application is still in an early state, the hardware does not properly connect to the software, this is an issue we tried to fix, but without access to the actual hardware it was not possible.

SYSTEM DESIGN

Four our current system, the app works by communicating with the database to get the games the user has played, the app will then let you connect the pad hardware and play a new game.

VERIFICATION

The way we are verifying this project is by determining that the project's UI looks good, which we will demonstrate in the summary

CURRENT SYSTEM

The old system design contained a lot of uncomfortable buttons and hard to read text, along with a tacky color palate.



OBJECT DESIGN

The user will have multiple different games assigned to them, each game will contain other properties such as game type, the points and the user accuracy metrics.

REQUIREMENTS

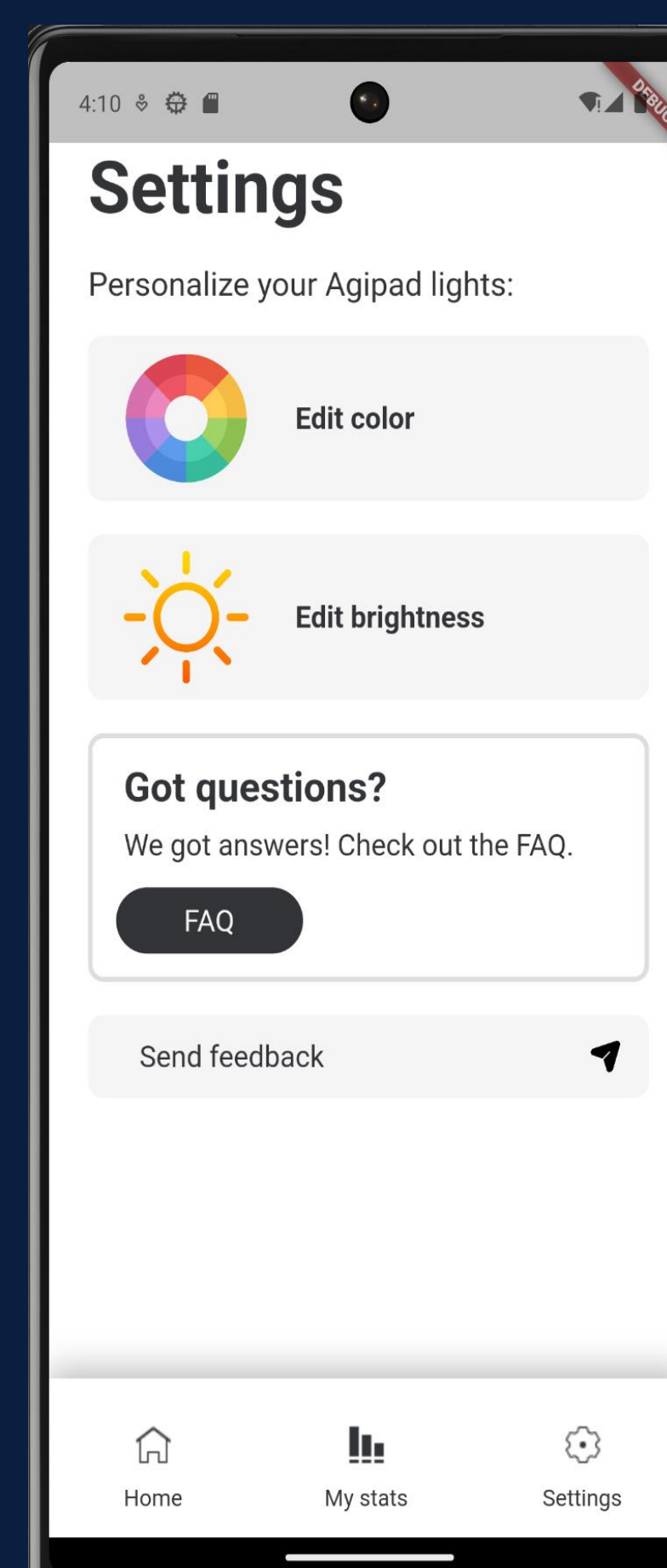
The goal of skill court is to provide soccer players and enthusiasts with the ability to train easily anywhere. So, our requirement are to implement hardware and fix the UI for the current application.

IMPLEMENTATION

It took some time to get this application running, we spent a very long-time fixing package issues and UI bugs we found. However, this allowed us to get a very good understanding of how the application worked and how its data flowed.

SUMMARY

This is a quick preview of one of the pages that I worked on in the app, as you can see the UI now looks much cleaner than the previous system. We have enlarged buttons for easier user interaction and a much cleaner color palette.



REFERENCES

Code documentation we used:

<https://docs.flutter.dev/get-started/install>

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ACKNOWLEDGEMENT

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