

Boxing Analyser

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Boxing Analyser? What is it?

The Boxing Analyser aims to aid fighters in their journey to success and improvement. Boxing Analyser allows fighters to gather real-time punch data which is translated onto an easy to use multiplatform app. Fighters will have access previous bouts allowing a the user to study previous bouts in detail round by round.



My Project Proposal

My proposal was an application that is designed to provide the normal fighter across all disciplines to access vital statistics. This would enable fighters to improve alongside the gathering of physical data. I proposed to make a full-stack application that would gather the punch statistics through an accelerometer and display these statistics using charts.

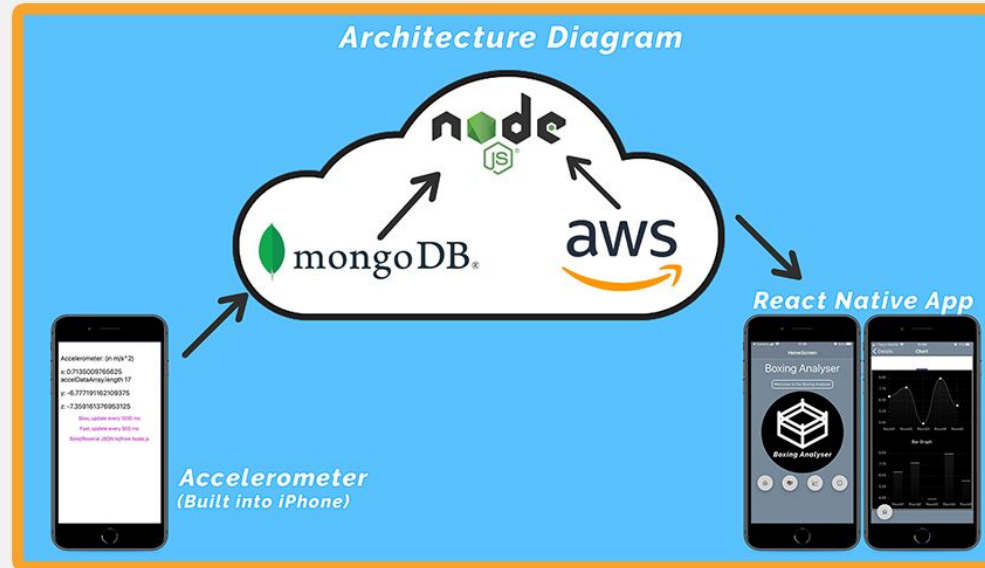


Features

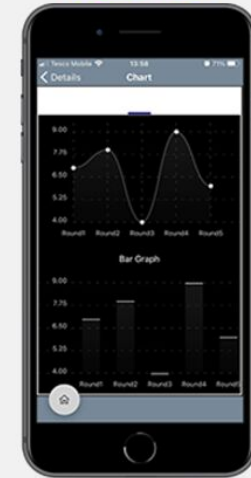
- Cross Platform Design
- Punch Data Collection
- Fight Statistics History
- Professional Charts
- Search Previous Bouts
- Monitor Each Rounds Output
- Server Hosted(AWS)



Architecture Diagram



Results



Technologies

Software Tools

- NodeJS
- MongoDB
- AWS

Languages Used

- React/React Native
- JavaScript
- Express
- CSS



Libraries

- React Native Paper
- React Native Icons
- React Navigation
- React Navigation Stack
- React Native Chart Kit
- React Native Svg