

Bowling Buddy

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<https://www.bowling-buddy.com>

Description

Bowling Buddy is a stat tracking app for bowlers who are looking to improve their game. Bowling is a challenging sport to become consistent at. Bowling Buddy helps users see where they are struggling and which areas to focus on in practice.



Features

- Create An Account
- Enter your pinfall while you're bowling
- Change the ball used, the alley you bowled at and the type of game play
- Review your games. See your score, ball used, alley and game type
- See your stats for all your games – Average, Strikes, Spares, Open Frames
- Manage your settings – edit, add or delete balls, alleys and game types



Planning - User Stories

- I just got back into bowling and joined a bowling league. I was struggling to become consistent and really felt like I was letting the team down.
- I wanted something that I could track my scores and stats to see where I needed to improve during practice.
- I didn't want to download a complex app but just wanted to see at a high level how I am progressing. I knew I had to try to keep the app as simple as possible.



Planning - Database

Bowling Buddy is using MySQL database. It currently has 6 tables :

- Users – stores the user name, email, and hashed password
- Games – stores the all the games, userID, score, and ball, alley, game type and frames ID
- Balls – stores the ball name and userID
- Alleys – stores the alley name and userID
- Game Type –stores the type of game bowled and the userID
- Frames – stores every single frame bowled and the game ID is associated with

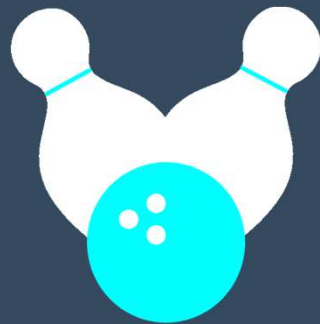


Technology Stack

- Node.js
- React.js & Express.js
- MySQL
- React Router, JWT, bcrypt, Recharts, Axios, Moment.js, Bootstrap
- Hosted on Heroku



Demo



What I Learned

- React.js – Got a solid understanding of the library, especially Hooks
- Authentication / Authorization – used JWT & Local Storage
- MySQL – design, implementing and querying



What's Next

- Drill down on user stats – i.e. filter on one type of ball to see your stats
- The UI, while functional, isn't the prettiest. I would like to work with a designer to restyle the app. Which will give me the experience of coding based off design specs.
- Public Landing Page. This will give users an overview of the app without having to have an account.

