



WeFit!

OIGOI Software Solutions

Development Team:

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Our Vision

“For athletes who demand the best solution for tracking their personal performance. WeFit! Is the performance tracking app that allows coaches and athletes to interact and compete in a simple and efficient way. Unlike other fitness trackers, WeFit allows users to not only interact with each other but it allows coaches to push workout schedules and track the team’s performance both individually and as a team.”

-OIGOI Software Development Team



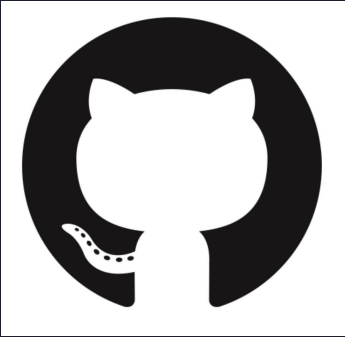
Tools Used

- **Project Management**
 - **Agile Methodology**
 - Our team broke up the weeks into sprints and used a work breakdown like Agile methodology
 - Each week was a sprint and each section was broken up into smaller story points
 - We did not implement a scrum master but we did keep track of the team's progress in the weekly meetings
 - Our team thought that the Agile method works for short sprints but if there is a small issue, the sprints lose focus of how the issue can be resolved
 - Would have been better if the project had more time and was larger in scale
 - **4 Stars**

Tools Used

- **Project Management cont.**

- **Github Project Board**



- This was very useful to organize who was responsible for the larger and smaller projects
- The story points and customizable section tabs were lovely
- Would have been better if we fully implemented a more organized section method for the project so that we could make branches directly from the issue card
- **5 Stars**

Tools Used



- **Layout/prototyping**

- **Lucidchart**

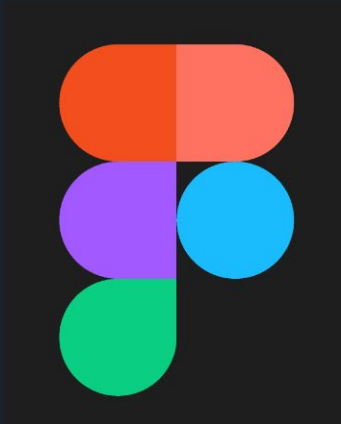
- Used to make the user navigation framework that had the preliminary sections of the project that were fundamental in setting a baseline for how the product will function
 - We loved that the software was easily shareable and could be accessed and written on simultaneously

- **5 Stars**

- **Figma**

- Used for the wireframes and templating
 - This was great because it had a free version that was able to be worked on simultaneously
 - Also allowed styling to be exported directly into the webpage
 - Hard to manipulate shapes compared to other design softwares that were standalone page formatting

- **4 Stars**



Tools Used

- **IDE**

- **VS Code (Microsoft)**

- Free
 - Most of the team implemented VS Code
 - Everyone had experience with VS Code so it was easy to collaborate and run the website using liveshare
 - **4.9 Stars**

- **Webstorm (Jet Brains)**

- Cost: Free for college students
 - Git integration
 - **4.95 Stars**



Tools Used

- **Database**

- **PostgreSQL**

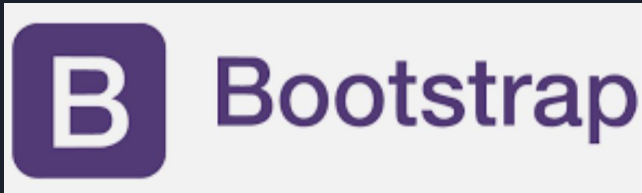
- Our team had the most experience with
 - Free for our purposes
 - Easy to use and the syntax had tons of documentation and reference material
 - **5 Stars**





Tools Used

- **UI**
 - **Html**
 - Clunky and was used to deploy the minimal amount needed to be HTML
 - We tried to use as much EJS as possible
 - Bootstrap libraries were used to simplify
 - **3 Stars**
 - **Bootstrap Libraries**
 - Awesome styling and looks good
 - Simple to implement
 - Copy and paste was effortless
 - **5 Stars**



Tools Used

- **Application Server**
 - **Node JS**



- This was not chosen by the team but it was the only system we had experience with and had plenty of documentation
- Easy to troubleshoot using log
- **4 Stars**

Tools Used

- **Containers**

- **Docker**



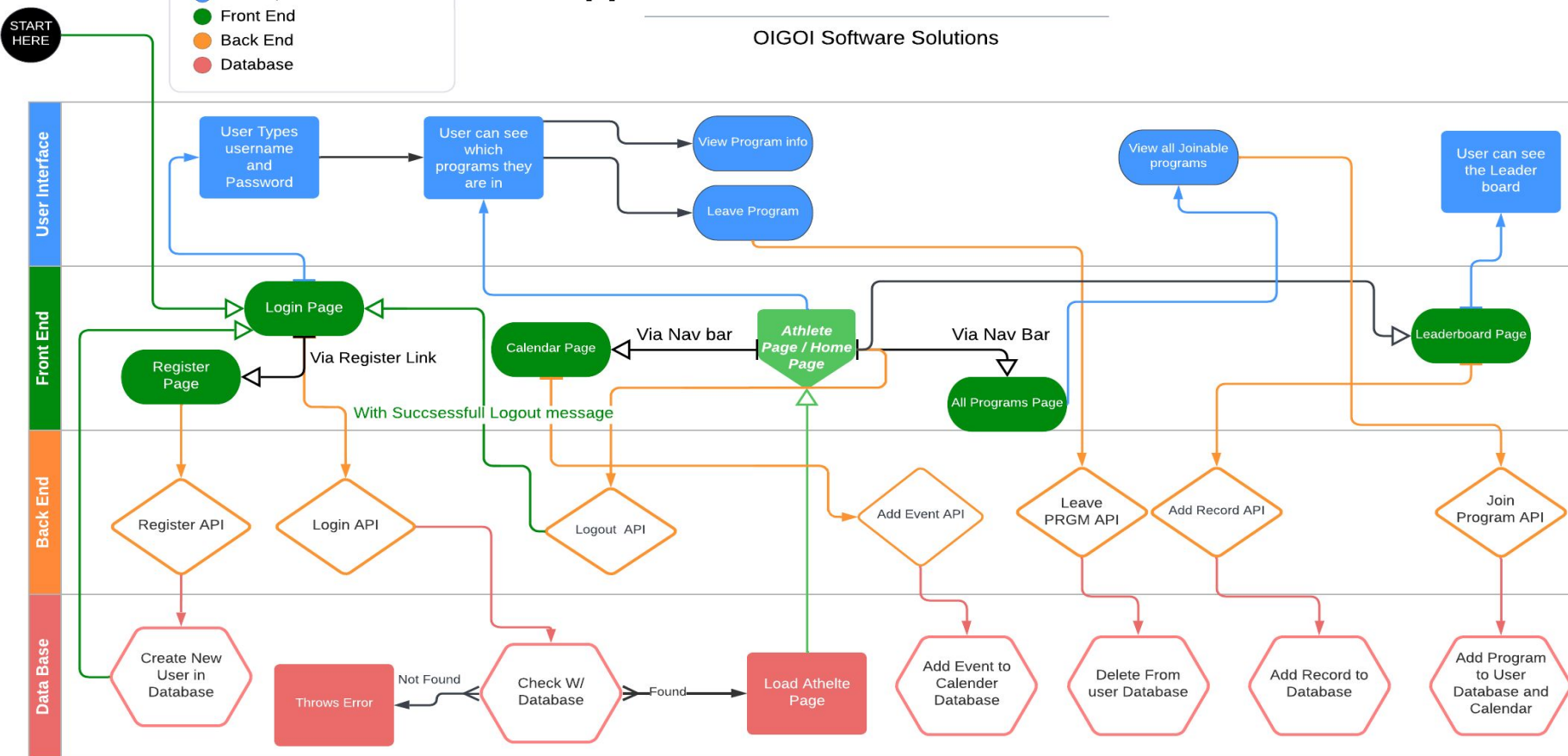
- Free
- Has our heart because it had the most examples
- Implementation was provided to us
- Easy to troubleshoot in terminal
- Could be faster and easier to implement
- **4 Stars**

Application Architecture: WeFit!

OIGOI Software Solutions

Color Key

- User Experience
- Front End
- Back End
- Database





Challenges

- Database
 - Determining how the connection between Node JS and PostgreSQL actually works was confusing at first
- Layout/ Theme
 - Figuring out a consistent style
 - CSS
- CU Boulder Server
 - Host link was not permanent, making testing non ideal



DEMO RECORDING LINK

No link