Figma Frontend Prototype:

<https://www.figma.com/design/x7ba8rAho9W0qf6BBZrv65/I-in-Team?node-id=15-2&p=f&t=zex2zRAWrITCCxC5-0>

This proposal should be a 1-2 page document that answers the following questions:

1. What tech stack will you use for your final project?
   1. I will use React for the Frontend.
   2. Middleware with JS.
   3. MongoDB for the backend.
2. Is the front-end UI or the back-end going to be the focus of your project? Or are you going to make an evenly focused full-stack application?
   1. The application will be friendly for a user to navigate on the frontend and provide multiple features.
   2. Will also have integration with Strava and store data on the backend.
   3. So, the project is evenly focused.
3. Will this be a website? A mobile app? Something else?
   1. This will be a website.
4. What goal will your project be designed to achieve?
   1. The goal of the project is allow users to score points in a virtual race.
5. What kind of users will visit your app? In other words, what is the demographic of your users?
   1. Runners who enjoy a little competition and comparing their stats to a cohort of runners.
6. What data do you plan on using? How are you planning on collecting your data? You may have not picked your actual API yet, which is fine, just outline what kind of data you would like it to contain. You are welcome to create your own API and populate it with data.
   1. I plant to pushing data from users Strava accounts to the website to facilitate the races.

In brief, outline your approach to creating your project (knowing that you may not know everything in advance and that these details might change later). Answer questions like the ones below, but feel free to add more information.

1. What does your database schema look like?

participants

{

"\_id": "participantId123",

"totalPoints": 85

}

races

{

"\_id": "race123",

"title": "Spring Sprint 10K",

"date": "2025-05-10T00:00:00Z",

"scoring": [{pacer: 5}, {finalist: 10}, {podium: 50}], // points per placement

"participants": ["participantId123", "participantId456"]

}

results

{

"\_id": "result789",

"raceId": "race123",

"participantId": "participantId123",

"time": "00:44:13",

"placement": 4,

"pointsEarned": 10

}

participants join races through results

races define scoring rules

results assign placements → determine points

1. What functionality will your app include?
   1. Users will sign up for a race. The race will be saved in their profile in their upcoming races. They will be able to see how many racers are competing in the race.
   2. As racers finish their race, website will get the information from Strava. A feed of the results will show and display the user’s current place in the race.
   3. Screen will also display a history of the racer’s results.
   4. When race is complete (day is over), final results will appear at the top of the racer’s results column.
2. Stretch goals:
   1. Make website work on different screen sizes.
   2. Make website accessible by JAWS screen reader.
   3. Add localization language support.
   4. Add different themes.