

# Project Proposal

## Team Name:

Espresso

## Your Team:

Member Name	Tech Stack / Role	Devfolio Id
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## Problem Statement:

In a world where sports bring people together, there remains a challenge for individual sports enthusiasts to find like-minded individuals nearby to form teams or engage in recreational activities. Many individuals struggle to connect with others who share their passion for sports due to lack of awareness about nearby sports activities or difficulty in finding suitable teammates.

Objectives: Develop a web application that helps sports lovers in a local area to connect with each other based on their interests and location. It aims to facilitate the formation of sports teams, find local sports events, and foster a sense of community among sports enthusiasts.

## Inspiration for this Proposal:

As a sports enthusiast yourself, you might have faced the challenge of finding people to play with in your local area. Perhaps you enjoy a sport with niche following, or maybe your busy schedule makes it difficult to connect with others who share your passion.

- Users can register for an account on the platform using their email and numbers.
- Users can create profiles detailing their sports interests, skill levels, preferred sports activities, and location.
- Location Based Search
- Users can filter search results based on distance, sports preferences, and availability.
- Team creation tools: Facilitate forming teams for various sports.
- Chat functionality: Allow users to connect directly within the app.

## Project Description / Implementation Details:

Name: Teamify

Teamify, a mobile application built with ReactJS, NodeJS, and MongoDB, empowers sports enthusiasts to connect locally. Users create profiles highlighting their interests and location. Leveraging map integrations and search filters to find others who share your passion. It fosters connection by facilitating team creation, chat functionality. This project prioritizes security with JWT authentication and data encryption. Future enhancement include AI assistants, making Teamify a comprehensive platform for local sports communities.

- Frontend: Javascript and ReactJS for a smooth and responsive user interface.
- Backend: NodeJS and ExpressJS for robust server-side functionalities.
- Database: MongoDB for flexible data storage and scalability.
- Authentication: JWT for secure user login and data access.
- Maps Integration: Google Maps API or Mapbox API for location-based features.
- AI Assistant: Gemini API, OpenAI API

### Impact on Society:

- By making it easier to find people to play with, it can encourage individuals to participate in sports, leading to a healthier and more active society.
- It fosters a sense of community by connecting people with shared interests, potentially reducing social isolation and building stronger local ties.
- For newcomers to a sport or those in a new location, It can eliminate the challenge of finding others to play with, encouraging broader participation in various sports.

### Tech Stack / Technologies Used:

- Frontend: JavaScript, ReactJS
- Backend: Node.JS, Express.JS
- Database: MongoDB
- Map Integration: Google Maps API or Mapbox API
- AI: Gemini API, OpenAI API

### Tentative Timeline:

Start Date	End Date	Milestones
01-04-23	05-04-23	<ol style="list-style-type: none"><li>1. Set up project environment</li><li>2. Research existing solutions</li><li>3. Design website UI</li></ol>

		4. Define project scope and requirements
06-04-23	10-04-23	<ol style="list-style-type: none"> <li>1. Start Building Frontend</li> <li>2. Implement user authentication</li> <li>3. Integrate API's</li> </ol>
11-04-23	18-04-23	<ol style="list-style-type: none"> <li>4. Design a schema to store user data</li> <li>5. Test and debug application</li> <li>6. Improve User design</li> <li>7. Finalize documentation</li> <li>8. Prepare for submission</li> </ol>

### **Challenges:**

- **Integration of AI**
- **User Interface Design**
- **Location-based Services**
- **Matching Algorithm**

### **Conclusion:**

By Providing a platform that fosters connection, collaboration, and a love for sports, Our project empowers users to find their perfect teammates, tackle loneliness and depression, discover new opportunities, and take their sporting experience to the next level.