

Project Proposal

CMS 375

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Background and Motivation

Being a group of student athletes, staying organized with practices, meetings, and school can be challenging. We believe that this project can help student athletes by consolidating their everyday schedules into one interface. The idea is that coaches and students are able to add events, classes, meetings, practices to each student's dashboard that is personalized to them.

Target Users

College athletes would be the target audience for this project, as we plan to account for the student and athlete dimensions of their lifestyle. Although this is a niche demographic of the student population, there are still a substantial number of students who would be able to test this and may benefit from this project.

Context

This project is in the context of collegiate athletics where student-athletes must balance academic responsibilities alongside training, competition, and team commitments. All of this is often managed through a combination of separate tools such as personal calendars, messaging apps and shared documents. This fragmented approach can lead to scheduling conflicts, miscommunication, and inefficient use of resources.

Our project is inspired by centralized sports operations platforms such as Teamworks, aiming to provide a unified system that integrates personal scheduling, event coordination, facility booking visibility, internal messaging, and document sharing. By having all of these functionalities into a single platform, the system is designed to improve organization, communication, and transparency for college athletic teams.

Website Features

Athlete Management

- Create and update athlete profiles
- Track eligibility status

Performance Tracking

- Record game statistics
- Store training metrics
- Generate performance history

Scheduling System

- Practice schedules

- Check and book court availability, etc.
- Game schedules

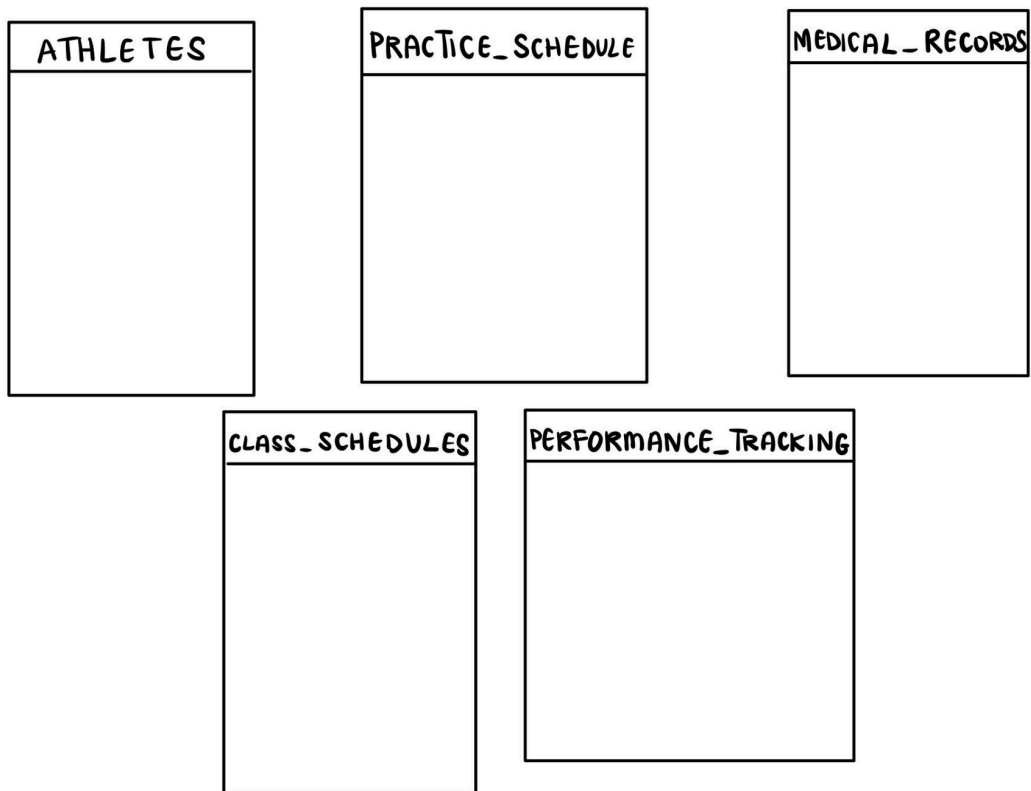
Communication

- Team announcements
- Direct messaging

Medical Records (Restricted Access)

- Injury reports
- Clearance status
- Recovery tracking

Rough Sketch



Team Distribution

Stella Fruijtier – Database Architect / Team Lead

- Schema design
- Primary & foreign keys
- SQL queries

Sydney Eckstein – Backend Developer

- Database connection
- Authentication & role management

Caitlyn Lefebvre – Front-End Developer

- User interface
- Forms & dashboards
- User experience design

All members:

- Testing
- Presentation preparation
- GitHub organization