Project Title:

SportsHub

Community Sports Facility Management System

Team:

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Submission Components:

Link to Submission GitHub:

https://github.com/Weppman/SD-Project_Submission-SportsHub.git

1. ## Screen Recording Video:
   https://youtu.be/Q5WyuA0Crb0

2. ## Publicly Hosted Application:
   https://lemon-moss-0b8334303.6.azurestaticapps.net/

3. ## GitHub Code Repository:
   https://github.com/Weppman/SD-Project-SportsManagement.git

   ## 3.1 GitHub API Repository:

   https://github.com/Weppman/SportsFacilityAPI.git

4. ## Project Artifacts:
   ## 4.1 Scrum Methodology
   ### Documents Shown:

📝 **Product Backlog**

- A full list of prioritized features, enhancements, and fixes.
- Items are written as **User Stories**, each assigned estimated **story points**.

◿ **Burndown Charts**

- Visual charts representing the remaining effort (story points) vs. time for each sprint.
- Show a downward trend indicating progress and completion of sprint goals.

📋 Story Point Estimation

Folder Shown:

Sprints: Contain

- Sprint 1
- Sprint 2
- Sprint 3
- Sprint 4

All four Sprints contain the following:

📋 Sprint Backlogs

- Each sprint includes a detailed backlog with user stories, tasks, and story point estimations.

🔍 Sprint Retrospective Reports

- Summary documents from each sprint retrospective.
- Highlight what went well, areas for improvement, and actionable changes for upcoming sprints.

🕐 Daily Stand-Up Summaries

- Brief notes from about **20 Daily Stand-Up** meetings (+/- 5 per sprint).
- Include blockers, tasks in progress, and updates shared by team members.

🎥 Sprint Review Demonstrations

- Evidence of sprint reviews where completed work was demoed to stakeholders.
- May include screenshots, meeting notes.

4.2 Additional Artifacts

Folders Shown:

- ## Project Plan

🖾 Project Plan

- High-level roadmap with major deliverables, deadlines, and milestones.
- Includes Sprint schedule and development phases.

- ## Architecture

🏛 Architecture Diagram

- Visual representation of the application's **multi-tier architecture**, including:
  - Frontend (React.js)
  - API Layer (Firebase Cloud Functions)
  - Database (Firestore)
  - Hosting (Azure)

- ## Design

⬜ Design Documents

- UI, wireframes, and other supporting design diagrams

- ## Testing Plan

⬜ Test Plan and Results

- Comprehensive testing strategy with mock-based and component-level tests.
- Includes test scripts, expected outcomes, and screenshots of automated test results.