Iteration 0 - Planning

Group 5 Members

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Big User Stories

Story	Description of Scenario	Goal of the user	Cost of Story (In days)	Relative Importance of the Story
Review Game Footage	As a referee, I want to be able to input video footage and review footage.	To be able to look at either a recorded video or a live camera feed.	10	High(Very High)
View Game/Player History	As a player, I would like to review past games.	To be able to look at a list/database of games they've participated in	5	Medium
View Upcoming Games	As players or referees, they should be able to see their upcoming games.	To have an overall calendar view of upcoming games	3	Medium
Referees Communication	As a referee and game organizer, I want to be able to direct message referees and invite them to future games.	To be able to effectively communicate with referees to delegate games to them	7	High
Team Database	As a player, I want to see division standings and match stats.	To be able to have a visual of standings and any relevant match stats	5	High
Event Organization	As a game organizer, I want to be able to invite referees and team managers to games and tournaments.	To be able to communicate with teams and referees and facilitate events	4	Medium

PlayCheck – Vision Statement

Summary

PlayCheck is a low-cost, mobile-based sports support system for referees, players, and organizers in university intramural and amateur sports. It improves fairness, coordination, and transparency by integrating tools for video review, scheduling, communication, and league data access into one platform.

Project Description

PlayCheck supports the full lifecycle of amateur sporting events—from scheduling to officiating and historical analysis. Referees can review live or recorded footage to assist in making accurate calls. Players can track participation and view statistics. Organizers can coordinate assignments and manage matches. League data such as standings, results, and team performance are also accessible. By combining officiating tools with communication and league management features, PlayCheck helps reduce disputes, improve organization, and enhance the experience for all users.

Target Users

- University intramural sports programs
- Amateur and recreational referees
- Players in community leagues
- Tournament organizers and event coordinators

Project Value

PlayCheck delivers value through four core capabilities:

1. Officiating Support: Referees can review clips or live feeds to verify calls, improving confidence without replacing their authority.
2. Player Visibility: Players can access game history and statistics to track performance and participation.
3. Scheduling & Coordination: Users can view match calendars; organizers can invite participants and assign referees.
4. League Transparency: Team standings, statistics, and rankings are visible, boosting engagement and competitiveness.

By focusing on mobile devices and simple workflows, the app can be used directly on the field with minimal disruption. PlayCheck also supports multiple sports, making it flexible for leagues that host a variety of activities.

Success Criteria

The system will be considered successful if:

1. Referees can upload and review video footage linked to games.
2. Players can view past matches and personal participation history.
3. Users can access a calendar of upcoming games.
4. Organizers can communicate with referees and manage assignments.
5. League standings and statistics are clearly visible in the app.
6. Events and tournaments can be organized entirely within the system.

Overall, PlayCheck aims to improve fairness, consistency, and enjoyment in amateur sports by making video review, league management, and event coordination simple, affordable, and accessible.

PlayCheck Detail User Stories

Game Officiating & Video Review			
ID	**Detailed User Story**	**Priority**	**Estimated Cost (Days)**
PC-1.1	As a referee, I want to record video footage of a game so that I can review plays when disputes occur.	Very High	4
PC-1.2	As a referee, I want to replay recorded clips so that I can make accurate decisions.	Very High	3
PC-1.3	As a referee, I want to view a live camera feed when available so that I can confirm calls in real time.	High	3
PC-1.4	As a referee, I want clips linked to specific matches so that footage can be retrieved later.	High	2

Player Match History			
ID	**Detailed User Story**	**Priority**	**Estimated Cost (Days)**
PC-2.1	As a player, I want to see a list of matches I participated in so that I can track my league involvement.	Medium	2
PC-2.2	As a player, I want to view match results and opponents so that I can review performance..	Medium	2
PC-2.3	As a player, I want to see statistics for past games so that I can monitor improvement	Medium	2

Scheduling & Upcoming Games			
ID	**Detailed User Story**	**Priority**	**Estimated Cost (Days)**
PC-3.1	As a player, I want to view upcoming matches in a calendar so that I can plan my schedule.	Medium	3
PC-3.2	As a referee, I want to see games assigned to me so that I can prepare..	Medium	2
PC-3.3	As a user, I want each scheduled match to show time, location, and teams so that I have full match details.	Medium	2

Referee Communication & Assignment			
ID	**Detailed User Story**	**Priority**	**Estimated Cost (Days)**
PC-4.1	As an organizer, I want to assign referees to matches so that games are properly officiated	High	3
PC-4.2	As an organizer, I want to message referees so that I can send updates or changes	High	3
PC-4.3	As a referee, I want to receive assignment notifications so that I know when I am scheduled..	High	2

League Standings & Team Database

ID	Detailed User Story	Priority	Estimated Cost (Days)
PC-5.1	As a player, I want to view team standings so that I can see league rankings.	High	2
PC-5.2	As a user,I want to see win/loss records so that league progress is transparent	High	2
PC-5.3	As a player, I want to view match or team statistics so that I can evaluate performance.	Medium	2

Event & Tournament Organization

ID	Detailed User Story	Priority	Estimated Cost (Days)
PC-6.1	As an organizer, I want to create games or tournaments so that events can be scheduled.	Medium	3
PC-6.2	As an organizer, I want to invite teams and referees so that participation is coordinated.	Medium	2
PC-6.3	As an organizer, I want to update schedules or event details so that participants receive accurate information.	Medium	2