

ScoutPlay

Application Requirements

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Overview

Innovative digital platform designed to **discover sports talents and connect them with clubs and coaches** using **artificial intelligence (AI) and data analytics**. It also functions as a **social hub**, allowing players to **share videos like TikTok, schedule matches, and invite others to participate**, making talent discovery more interactive and engaging.

Problem

- Many talented athletes struggle to get noticed due to a lack of connections or professional scouting opportunities.
- Clubs and scouts face difficulties in identifying and evaluating talents based on reliable and structured data.
- Traditional scouting methods are time-consuming, subjective, and often biased, leading to missed opportunities.
- Players lack a dedicated platform to showcase their skills, organize local matches, and engage with the football community.

Objectives

ScoutPlay provides a comprehensive digital ecosystem for talent discovery by:

1. **AI-powered** video analysis to assess player skills and performance with high accuracy.
2. **Short-form video sharing** (like **TikTok**) where players can post highlights, training clips, and interact with others.
3. **Match scheduling & participation** where players can create game events and invite others to join.
4. **Player ranking system** based on real performance, helping clubs identify the best candidates efficiently.
5. **User-friendly interface** that allows players to upload videos and clubs to browse talent profiles easily.

Constraints

Roadblocks, realities, and dependencies that limit how ambitious you can be with this project.

1. **Limited time** to complete minimum viable product.
2. **AI-features could be limited** by the number of features.
3. **Lack of real world data** that will reduce application interactivities.

Use Cases

Platform user interactions.

Player registration: Athletes create a profile and add his personal information.

Path selection: Users will choose either to use the application as a casual player or talented player.

Video upload: Players upload performance videos based on predefined criteria.

AI analysis: AI evaluates skills, extracts performance data, and ranks players.

Social Sharing: Players can post short videos, get likes and comments, and build their reputation.

Match Scheduling: Users can create or join matches, increasing real-world scouting opportunities.

Clubs & Scouts Access Database: Users can create or join matches, increasing real-world scouting opportunities.

Direct Contact & Contracts: Clubs can reach out to players directly and initiate recruitment discussions.

Players accessing boot camps and tests: Players can preview any scheduled bootcamp from clubs and assign themselves to participate.

Practice: Players can preview a range of in app tests to enhance and determine player skills.

Features In

These features will be provided by platform sorted as priority .

- Registration
- Upload a video to be analyzed
- Socialize.
- Preview boot camps.
- Create and participate in matches.
- Practice packages.

Features Out

These features will not be covered by our platform (At least at this time)

- No live streaming of matches.
- No full-length match uploads (only short highlights).
- No player-agent management (connections happen externally).
- No general social media features (messaging, stories, reactions).
- No multi-sport support (football only at launch).
- No pay-to-win ranking system (pure merit-based).
- No preview of all skills.

Design

None yet!.

[ Figma]

Technical Considerations

None yet!.

Success Metrics

1. **Technical Implementation (30%)**
 - Ensure **AI-analysis is well-executed**.
 - Build a **scalable backend** for smooth performance.
2. **Idea Solution Fit (20%)**
 - Clearly define how this **platform fills a gap in football scouting**.
 - Ensure the platform **solves a real problem** for players, scouts, and clubs.
3. **Evaluation & Accuracy (20%)**
 - AI must **accurately assess player skills** from video uploads.
 - Ensure **fair and data-driven evaluation models**.
4. **User Experience (UX) (15%)**
 - The platform should be **easy to use** for players and scouts.
 - A **smooth video upload and AI analysis process** is key.
5. **Presentation & Documentation (10%)**
 - Pitch deck and demo must **clearly explain the concept**.
 - Provide well-documented insights on **how AI works** in the system.
6. **Ethics & Responsible AI + Teamwork & Collaboration (5%)**
 - Ensure AI does not **unfairly favor certain players**.
 - Build a **fair ranking and recommendation system**.
 - Maintain **team collaboration** and transparency.

Open Issues

None yet!

Q&A

What are common questions about the product along with the answers you've decided? This is a good place to note key decisions.

Asked by	Question	Answer