

MICROSOFT, HACK WITH HYDERABAD

PS CODE:

Problem statement title: AI-Powered Sports Talent
Ecosystem

TEAM NAME: Team LBG

TEAM LEADER NAME: Spoorthi Reddy

INSTITUTE CODE:

INSTITUTE NAME: CMRCET

THEME:





PROBLEM STATEMENT



1. India's sports talent development is hindered in rural areas by lack of facilities, quality coaching, and clear career guidance.
2. Poor infrastructure and funding issues limit opportunities for athletes.
3. There is a need for a digital platform to support talent discovery.
4. The platform should enable scientific performance monitoring.
5. It should promote inclusive growth in sports development.





IDEAS/SOLUTION

AI-Powered Remote Talent Identification

- Our platform leverages cutting-edge AI to enable remote assessment of athletes, regardless of their location. This broadens the talent pool significantly, ensuring no potential star is missed due to geographical barriers.
 - Accessible via standard smartphones and devices.
 - Real-time performance capture and analysis.
 - Reduces travel costs and time for scouts.
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Empowering key stakeholders

Coach, Athlete & Healthcare Dashboards



Coach Dashboard

- . Communication tool for seamless interaction.
- . Customizable training plans Based on AI insights.
- . Holistic view of athlete performance and progression.



Athlete Dashboard

- . Personalised feedback and goal tracking.
- . Access to training resources and drills.
- . Gamified elements to boost engagement and motivation.



Healthcare Dashboard

- . Patient care & monitoring
- . Clinical data
- . AI & predictive Analytics.

Technical Implementations

1. Talent Identification & Assessment

Mobile/web apps for athlete registration and virtual skill assessments.

AI video analysis for biomechanical feedback.

Wearables/IoT sensors to capture vitals and performance.

Benchmarking engine to compare with national/international standards.

2. Personalized Coaching & Training

AI coaching assistant for tailored training plans.

AR/VR modules for immersive practice and injury prevention.

Multilingual chatbots/voice assistants for athlete and parent guidance.

3. Performance Tracking & Analytics

Centralized athlete database for profiles and training logs.

AI predictive analytics for injury risks and career insights.

Gamified dashboards to visualize progress and boost motivation.



PHASE 1: Core app

Launch mobile app for remote assessments, basic analytics and user profiles.



PHASE 2: Coach tools

Integrate coach dashboard, training plan creation, and advanced analytics



PHASE 3: AI enhancement

Refine AI models with more data, add predictive analytics and gamification features



PHASE 4: Ecosystem Expansion

API for integrations, scout network, and talent marketplace





JOIN US INVEST IN THE FUTURE OF SPORTS

UNPARALLELED REACH

Tap into a global talent pool previously inaccessible, identifying future stars from every corner.

DATA-DRIVEN DECISIONS

Make informed choices with objective, AI powered insights, reducing risks and maximizing potential returns.

SUSTAINABLE GROWTH

Be part of a scalable, equitable ecosystem that redefines talent development for generations to come.

WE INVITE YOU TO PARTNER WITH US IN BUILDING THE NEXT GENERATION OF SPORTS TALENT DISCOVERY AND DEVELOPMENT

THANK YOU

