

MICROSOFT, HACK WITH HYDERABAD

PS CODE:

Problem statement title: Al-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

Al-Powered Remote Talent Identification

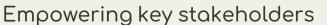
- Our platform leverages cutting-edge AI to enable remote assessment of athletes, regardless of their location. This broadens the talent pool significantly, ensuring no potential star is missed due to geographical barriers.
- Accessible via standard smartphones and devices.
- Real-time performance capture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











Coach, Athlete & Healthcare Dashboards





Coach Dashboard

- . Communication tool for seamless interaction.
- . Customizable training plans Based on Al 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
- . Al & predictive Analytics.











Technical Implementations

- 1. Talent Identification & Assessment Mobile/web apps for athlete registration and virtual skill assessments. Al 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 Al 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. Al predictive analytics for injury risks and career insights. Gamified dashboards to visualize progress and boost motivation.









Building the foundation



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, Al 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





