SPORTS
EVENT
MANAGEMENT
SYSTEM

SRM UNIVERSITY AP

OBJECTIVES OF THE PROJECT

- To develop a centralized and user-friendly web platform for managing sports events in a university environment.

- To streamline the registration process for students participating in sports events—either individually or as part of a team.

- To enable event organizers (admins) to create, schedule, and manage events efficiently using an intuitive dashboard.

- To ensure secure access and data privacy through authentication and role-based access control (students vs. admins).

- To maintain a structured database for storing participant details, event records, match schedules, and results.

- To reduce manual workload and errors associated with traditional sports event coordination.

WHY IS IT NEEDED ?

Manual sports event management leads to confusion, delays, and lack of engagement - a digital system is essential to streamline and modernize the process.

✦ Traditional sports event management is manual and inefficient.

✦ Difficulty in tracking registrations, match schedules, and participant details.

✦ Lack of centralized communication between students and organizers.

✦ No real-time updates or notifications.

✦ Students often miss out on events due to poor coordination.

✦ Need for a digital platform that is accessible, secure, and scalable.

TECHNOLOGIES USED

HTML, CSS, JAVASCRIPT

XAMPP VS Code

DEVELOPMENT TOOLS

FRONTEND TECHNOLOGIES

PHP

MySQL

PHP Sessions

BACKEND TECHNOLOGY

DATABASE

03 AUTHENTICATION

KEY FEAUTURES

📝 **User Registration & Login**

Secure authentication for students and admins using PHP sessions.

🏆 **Event Creation & Management**

Admins can create, update, and delete sports events with full control.

🏅 **Event Participation**

Students can register for single or team-based events online.

📅 **Match Scheduling**

Admins schedule matches; participants can view upcoming matches, opponents.

👤 **Dashboard & Profile Management**

Personalized dashboard for viewing registrations, schedules, and achievements.

KEY FEAUTURES

📢 **Real-Time Updates & Notifications**

Immediate feedback on registrations, match changes, and announcements.

📸 **Achievements Posting**

Admins can upload event results, photos, and media to showcase winners.

✅ **Attendance with Random Code**

Unique code-based attendance system for players and volunteers for accurate tracking.

🔍 **Search & Filter Options**

Users and admins can search events, filter by category, and manage lists easily.

ADVANTAGES

Safe & Secure for Managing

Only verified SRM organizers can log in and edit the events and all.

Prevents unauthorized access and ensures a trusted environment.

Smart Event Scheduling

Organizers can create, edit, or delete events with ease.

Students see the event schedules, upcoming matches all in one place.

Real-Time Coordination & Communication

Participants get updates and reminders.

Admins can manage attendance and results.

Smooth & Responsive Interface

Clean dashboard makes it easy to browse events, register, and track your participation.

Search & Filter Capabilities

Find events by category, date, or type (team/individual).

Admins can filter registrations and attendance by sport, student ID.

FUTURE ENHANCEMENTS

Mobile App Integration

- Develop a dedicated Android/iOS app to allow students and organizers to manage events on the go.

Email & SMS Notifications

- Send real-time alerts for registrations, match updates, and announcements through email or SMS.

Automated Match Scheduling

- Implement AI-based logic to automatically create fair and optimized match schedules.

In-Built Chat System

- Enable direct messaging between participants and organizers for better coordination.

Analytics Dashboard

- Add visual dashboards for admins to monitor event statistics, participation trends, and performance.

CONCLUSION

The Sports Event Management System streamlines the entire process of organizing, registering, and managing sports events in a university environment.
 It provides a secure and user-friendly platform that enhances coordination between students and administrators.

 By reducing manual efforts and enabling real-time updates, it ensures better participation and smoother event handling.
 The system lays a strong foundation for future upgrades like mobile integration, smart scheduling, and enhanced communication features.

V. REVANTH - AP22110010109
K. BANDHAVI - AP22110010079
N. SWATHI - AP22110010084
K. VAISHNAVI - AP22110010126