

E-Sport:Sports And Games Management System

Project Guide-

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Abstract

E-sport–The sports and games management system

The project brings the entire manual process of sports event management online which is built using Python Flask as a front end and Mongod Server as a backend. The main purpose of this project is to simplify the process of handling each sports event by providing a web interface for admin and teacher. The admin part consists of multiple modules to initiate with the sports event by adding the type of sport (indoor or outdoor), adding student who are interested in a particular sports activity, adding teachers who will conduct the particular sports activity which is allotted by the admin itself and lastly, viewing the results of sports event held in college. The teacher part has come up with handling all the sports related activity assigned by the admin. Teacher performs various task such as taking the attendance of the students who are registered for a particular sport event, viewing the list of students to mark the winner of each round, generating the results based on multiple rounds won by the student and also can view the 1st, 2nd and 3rd standings of student's name for the particular sport event.

Mini Project

Modules

Admin

Teacher

Student

Admin:

Admin Registration: Allow admins to register their accounts with necessary information.

Admin Login: Provide a secure login system for admins to access the system.

Admin Manage Sports Activity: Allow admins to create, update, and delete sports activities/events.

Admin Can Add Teachers: Enable admins to add teacher accounts to the system.

Admin Can Add Students: Allow admins to add student accounts to the system.

Student Game Selection: Provide a feature for students to select the sports games they want to participate in.

View Manage Sports Field of Admin: Display a list of sports activities/events managed by the admin.

View Result and Attendance: Allow students to view their results and attendance for each program when submitted by teachers.

Teacher:

Teacher Registration: Allow teachers to register with necessary information.

Teacher Login: Provide a secure login system for teachers to access their accounts.

View Manage Sports Field of Admin: Display a list of sports activities/events managed by the admin.

Teacher Can Add Students: Allow teachers to add student accounts to their classes.

View Registered Student Details: Provide teachers with access to information about the students in their classes.

Give Feedback Response: Allow teachers to provide feedback and responses to students, particularly if they get selected for sports events.

Publish Result and Attendance: Enable teachers to submit and publish results and attendance for each program. state chart diagram for the above details

Student:

Student Registration: Allow students to register with necessary personal information.

Student Login: Provide a secure login system for students to access their accounts.

Student Game Selection: Enable students to select the sports games they want to participate in.

View Manage Sports Field of Admin: Display a list of sports activities/events managed by the admin.

View Result and Attendance: Allow students to view their results and attendance for each program when submitted by teachers.

Major Project

Technologise

- Data Analysis

Player Performance Analysis: Machine learning algorithms can analyze player performance data, such as statistics from matches and practices, to identify trends and patterns. This can help coaches make informed decisions about training plans, tactics, and player roles.

- Sports Products Store for All Ages and Genders

The Sports Products Store for All Ages and Genders is a versatile retail establishment that caters to the diverse needs of individuals across different age groups and genders, providing a comprehensive range of sports-related products. This store aims to create an inclusive shopping experience that fosters a passion for sports and active lifestyles, regardless of age or gender.

Front-End

Html, Css

Python-Flask

Back-End

MongoDB

Reference

<https://www.teamsnap.com/>

<https://nevonprojects.com/>