DISTRICT LEVEL SPORTS MANAGEMENT SYSTEM

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ABSTRACT

Today, sport is one of the activities that most of the students like to participate whether it is at the school, state, or district level. Students having an interest in various sports. In some cases, the students are unable to participate in Sports Competition because their names are not available on the participation list due to pen paperwork. To solve these problems, the District-level Sports Management System can play a very good role. The students will be able to register their names in different sports of their choice at the District level or Taluka level Sports Competition through this application. Nowadays, most of the Sport Management System having problems like offline registration, manage single tournaments, manage statistics, lack of security to the transactions, and no transparency in evaluation. Our main aim is to overcome all problems that are seen in the offline method so we are proposing a District-Level Sports Management System. This document provides the whole details about the system working and the factors that are been available or use by the sports department.

Keywords: *Taluka, U-DISE, District, registration, tournament.*

I . INTRODUCTION

For the last 38 years, various sports competitions have been organized by the Sports and Youth Services Department of the Government of Maharashtra under the guidance of the All India School Sports Corporation. With the commencement of competitions in the age group of 14, 17, and 19 in the school group, an attempt is being made to bring equality in terms of the organization at all levels and to increase the participation of students and non-students in the competition and improve the quality of competition. This guide has been prepared with this noble intention and attention in mind. All these sports competitions will be organized following the rules of the National Sports Association and by the guidelines of the All India School Sports Corporation and the Directorate of Sports and with the technical assistance of the Unified Sports Association under the auspices of the District Sports Council. Rules for organizing school sports competitions:

1. Every primary, secondary and junior college participating in school sports competitions should submit to the District Sports Officer's Office before 7th August 2019 the primary admission, attachment fee and admission fee for participation in various sports in the respective academic years.

2. In each academic year, the recognized primary schools and junior colleges have been issued circulars by the Department of School Education and Sports. Rakridho / 205 / p. No. / 15 / Creuse-1, dated 02 April 2005 It is proposed that every student in the school should participate in at least one sports school sports competition. Accordingly, every school must participate in at least two teams and three individual sports in the school sports competitions organized in the states through the Directorate of Sports. The school sports competitions will be held under the rules and regulations of the National and International Sports Organizations. Overs in cricket, time in football, hockey, numbers in lawn tennis sets, etc. The planning committee will have the power to make changes in the game.

3. The team will have the necessary sports equipment for the tournament as well as the ball racket for badminton lawn tennis and the rest of the participating players will be part of the team. Athletes participating in roller skating competitions need a head card and the necessary protective equipment. For school and other sports competitions, the travel/accommodation and meals of the team/sports managers participating in the sports competitions from taluka level to state level are to be borne by the participating school management, with a 12 percent subsistence grant from the school education department. Also, the expenditure on such matters should be borne by the local self-governing bodies from their available funds.

4. While participating in the competition at each level, the player must have his / her eligibility certificate in the prescribed format and current passport size photo affixed on it. It will be mandatory to have the signature and seal of

the headmistress/headmistress/principal on the photo and below the eligibility certificate. (Identity card will be deemed illegal if any kind of defect is found on the eligibility certificate).

● Case - 11 Punch Rules:

1. Responsibility for technical matters (umpires and others) in organizing competitions at each level has been delegated to a unified organization of the sport. However, not all sports associations are functioning at the district and taluka levels. Eligible umpires who have passed the half arbitration examination are not available. Therefore, the following guidelines for the appointment of umpires should be taken into consideration while organizing competitions at various levels.
2. Rule (11-1) When appointing an umpire, preference should be given to the person who has passed the umpire examination of the various sports associations of that sport.
3. Rule (11-2) If umpires are not available as per Rule 11-1, then national and state players of the sport should appoint experienced and experienced teachers in the sport.
4. Rule (11-3) Considering the level of the game (state, national) names should be solicited from various sports associations working in the respective sports. Competition should be organized by appointing a Panchayat as per 2.
5. Rule (11-4) The umpire who is participating in the competition should not be given any umpires in the match in which he/she is playing.

II. LITERATURE REVIEW

Our proposed system is a web portal for various sports of the district, which provides a combined platform for various taluka and village students of the respective district. The uniqueness is defined by the U-DISE Number which is unique for every school. U-DISE code stands for UNIFIED DISTRICT INFORMATION SYSTEM which is used for district-level work. The system is designed into three modules i.e. website, user module, and admin module. Each module has its credentials which increases the security level than the other system. The user module can be accessed only when the U-DISE number and password are correct, whereas the admin module can only be accessed by the owner of the District Sports Officer.

The complete system is designed and developed using web-technology. The interface is designed by Bootstrap and JavaScript.The back-end is developed by Laravel and PHP. On-webpage there are various options such as home, contact, sports schedule, and many more. The main purpose of the webpage is to give a brief idea about the Sports to users and the facilities provided by it. After login, the user can add new participant's and teacher's information, payment process in which participant can get challan online instantly and its copy are distributed to bank, school, and branch. The sports list shows the various sports available with its age limit. Admin can modify the system's view and can edit the sport's schedule, sports protocols, and the latest news regarding sport which is displayed on the home page. Admin also provides certificates to the particular school who enroll themselves for competition. The system provides more security, reduce the time as well as fraud happened during the sports.

III. PROPOSED SYSTEM

District level Sports Management System is a system that is developed using web Technology and it is free to use. The system uses advanced technologies for more efficiency. A website is a collection of webpages and related content that is identified by a common domain name and published on at least one web server. Websites are dedicated to a particular topic or purpose, such as news, education, commerce, entertainment, or social networking. Users can access websites on various devices, such as desktops, laptops, tablets, and smartphones.

The software application used to access a website is called a web browser.

Fig.1. Proposed System

1. **Main Page**: The main page having the information about Updated Schedule of the Sports, Latest News, Awards, and District Sports Officer's views. This page helps all the users, sports teachers, and players.

2. **Plan**: Plan having three sub-divisions such as Plan, Exercise School, and Youth Welfare.

3. **Sports Events**: Sports Events divided as Sports Schedule, Sports Results, District/Divisional Attendance, Guide, and Download.

4. **Innovative**: Innovations regarding sports.

5. **Photo Gallery**: Collection of activities, Photos of DSO, and many more. The photo gallery is necessary for showing the past activities that already happened to the users.

6. **Government Decisions**: The Government made some decisions for the welfare of the Sports and Players. These Government decisions should be known to everyone because sometimes they are hidden from the players. For that, the various development plans are available in PDF format.

7. **Contact**: The essential contacts of various Officers and high authority people for any inquiry regarding sports and it's schedule.

8. **Online System**: Login form is given for accessing the system's dashboard for players Login: In this module, if the user has a U-DISE number then he/she will be able to login otherwise the user has to fill the registration form and then log in to the portal.
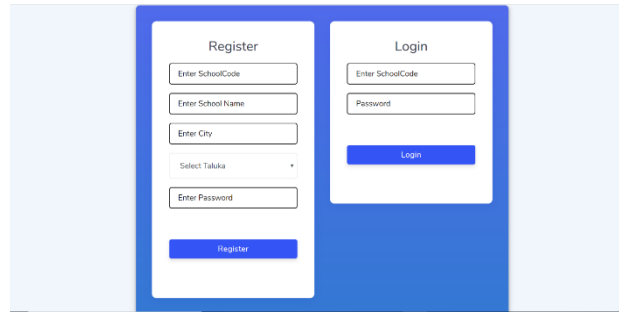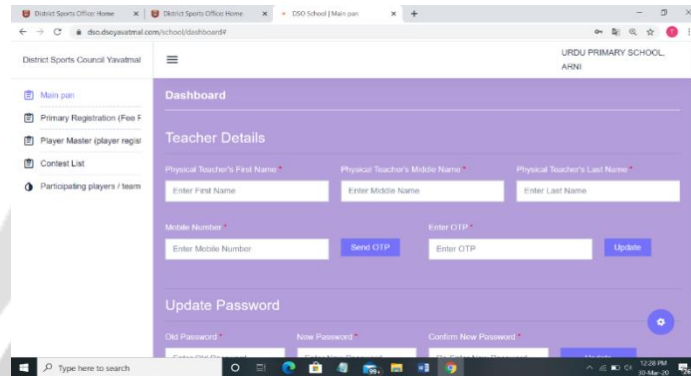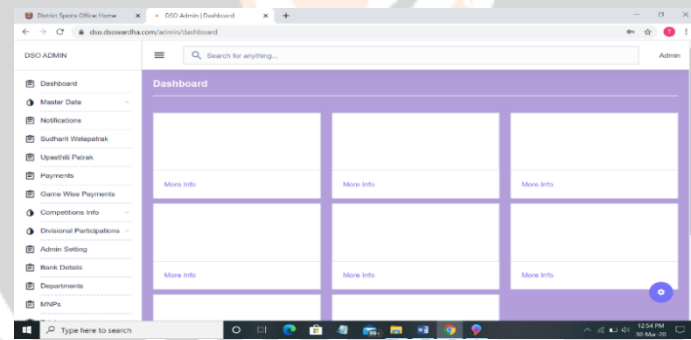
Fig.2. Online Login
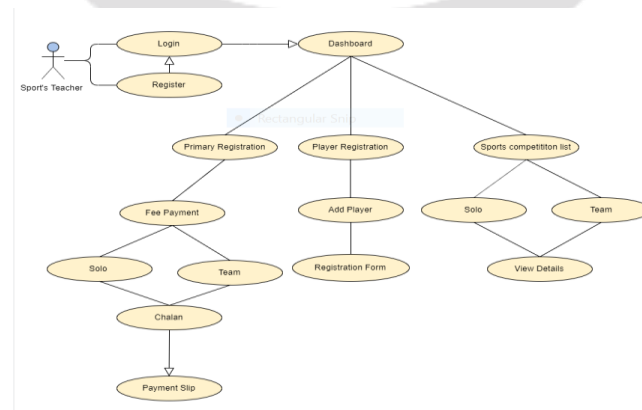

Fig.3. User Module

Fig.4. Admin Module

9.

Use Case:

Fig. 5. Use case Diagram

IV. SYSTEM REQUIREMENT

Software Requirement:

● **Database Server**: MariaDB 10.3- MariaDB is a community-developed, commercially supported fork of the MySQL relational database management system (RDBMS), intended to remain free and open-source software under the GNU General Public License. The development of MariaDB is led by the original developers of MySQL.
● **Development Tool**: Sublime text- Sublime Text is a shareware cross-platform source code editor with a Python application programming interface (API). It supports many programming as well as markup languages, and functions can be added by users with plugins, typically community-built and maintained under free software licenses.
● **Clients**: Microsoft Internet Explorer, Google Chrome.
● **Front-end**: HTML, CSS- HTML (the Hypertext Markup Language) and CSS (Cascading Style Sheets) are two of the core technologies for building Web pages. HTML provides the structure of the page, while CSS the (visual and aural) layout, for a variety of devices. HTML and CSS are the basis for developing Web pages and Web Applications, along with graphics and scripting.

● **Back-end**: PHP- PHP is a server scripting language along with a powerful tool for making dynamic and interactive Web pages.PHP is a widely used, free, and efficient alternative to competitors such as Microsoft's ASP.

Hardware Requirements:

● Computer with Window- 7,8,10, Any Operating system, Hard Disk.

V. ADVANTAGES

1. It increases the efficiency of managing sports records.
2. Editing, adding, and updating the record is improved which results in the proper management of the data.
3. You can view all the pages for the details.
4. It will show the information and description of Sports.
5. Paper-based sports information work gets reduced.

VI. APPLICATIONS

● The Sports Management System provides transparency in age evaluation.
● This system applies to various district level.
● Provide a current schedule of various sports in one platform.

VII. CONCLUSION

The conclusion has been proposed that a district-level sports management system that has advantages of online payment, time management, Age & weight evaluation can be used on each district level for sports management while eliminating the fraud happens during sports registration. a district-level sports management system is a website which can be used to track various sports competition which is going to happen in the district. District level sports management system has a facility of online payment service by which any participants can do registration or pay any outstanding fees for any sports from anywhere and can also track the updates related to any spots game which are going to happen. This system eliminates the possibility of fraud which happens due to money by directly transferring money from taluka to district level. Age evaluation and weight evaluation helps to divide participants into various levels like U14, U16 & U18 which helps the participants to get an equal chance to win in their level. At the district level, the sports management system the security is better compared to the older system so that the player records are stored safely. The participants are updated as admin posts the updates regarding sports schedule or any last moment changes or cancellations of sports on the website.

Let's conclude that the proposed system is beneficial to all players of different schools as it provides more facilities and security.

ACKNOWLEDGEMENT

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