

CHAPTER-1

INTRODUCTION

1.1 Overview

Sports events play a vital role in promoting physical activity, fostering community engagement, and providing entertainment to millions of spectators worldwide. Organizing successful sports events requires meticulous planning, efficient execution, and effective management strategies. This abstract presents a comprehensive approach to sports event management, highlighting key considerations, challenges, and best practices. The proposed project aims to develop an integrated system that streamlines the various aspects of sports event management, including pre-event planning, operational logistics, marketing and promotions, participant registration, venue management, and post-event analysis. The project leverages modern technologies and methodologies to enhance the overall efficiency and effectiveness of sports event management processes.

We are proposing a project called “SPORTS EVENT MANAGEMENT SYSTEM” which provides information about Games, Sports events, physical coordinators and Sponsors. The sports event management system objective is to provide which manages the activity of many sports at a time. It also manages the election activity of players for Sports events. The users will consume less amount of time when compared to manual paper work through the automated system. The system will take care of all the servicing activity in a quick manner. The student information will be stored on the google sheets that is based on the particular event taking place in colleges. Data storing is easier. It will be able to check any report at any time.

1.2 Scope

Sports have a most important role in every colleges. There are wide variety of sports event which take place at colleges, managing all these sports event manually is tedious ask, as there are wide variety of events happening and huge number of students will be participating. Sport event management platform makes maintaining of all sports event easy, it also provides to maintain the information of student at ease. A sports event management platform for colleges, provides a web interface which makes an ease to manage all sports events taking place in a colleges or institutions. It is also used to manage the student information participating at different events of sports. Web based applications have evolved greatly within the previous few years from easy websites to a full-fledged enterprise business systems and business portals integration with databases, mail systems and a host of third-party software. The student information will be stored on the database that is based on the particular event taking place in colleges. It will automate few of the basic operations of managing sports events.

1.3 Aim

The Sports Event Management System provides players to get all the information of various games , The players can registered anywhere and any time. By using this system players can save the lot of time and effort. The players can easily get the information from anywhere. The project brings the entire manual process of sports event management online. The main purpose of this project is to simplify the process of handling each sports event by providing a web interface for admin and user. The admin part consists of multiple modules to initial with the sports event by adding the types of sport (indoor or outdoor) adding players who are interested in a particular sports activity . Viewer's can view the game details. They can search about trainers, Players needs information about coaches (physical Co-ordinators). This system includes details of coaches. This project is user friendly. Takes less time to do process and they can view details of different matches and different tournament and also view different match schedule. This is not available in existing system. In our system, who want to watch tournament they can registered and get details about any game which they like. user can also search trainers.

1.4 Existing System

The existing management system is manual, which needs trained individuals to take care of guests. In this system each and every process needs a human support. This system leads to many errors and delays and have to be bothered about remembering important things such as payments, bills. A lot of paperwork is generated and it is difficult for a supervisor to go through all the documents.

1.4.1 Disadvantages

- In the existing sports event management system, players are not able to get proper information about the games conducted in various sports events.
- The players need to spend the time to get the information about the game. The players should attend the venue to get registered for the game which takes a lot of time.
- Everything is done manually, so it is very difficult to maintain the records. It's also very difficult to find the activities Long time process.
- There is no particular system which can brings trainers and co-ordinators under one roof.
- Players can't get any details about authorized physical co-ordinators and Organizer can't get proper information about sponsors.

1.5 Proposed System

These is fully of online, which is much more efficient in terms of human resources. The number of employees reduced compared to existing system The proposed sports event management system players can get all the information of various games, The players can register anywhere and anytime

1.5.1. Advantages

- By using this system players can save the lot of time and effort. The players can easily get the information from anywhere.
- The project brings the entire manual process of sports event management online. The main purpose of this project is to simplify the process of handling each sports event by providing a web interface for admin and user.
- The admin part consists of multiple modules to initial with the sports event.
- By adding the types of sport (indoor or outdoor) adding players who are interested in a particular sports activity .
- Viewer's can view the game details. They can search about trainers, Players needs information about coaches(physical Co-ordinators). This system includes details of coaches.
- This project is user friendly. Takes less time to do process.
- They can view details of different matches and different tournament. And also view different match schedule.
- In our system, who want to watch tournament they can registered and get details about any game which they like. user can also search trainers.

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SYSTEM REQUIREMENTS SPECIFICATION

Requirement analysis for web applications encompasses three major tasks: Formulation, Requirements gathering and Analysis modeling. During formulation, the basic motivation and goals for the web application are identified, and the categories of users are defined. In the requirements gathering phase, the content and functional requirements are listed and interaction scenarios written from end-user's point of view are developed. This intent is to establish a basic understanding of why the web application is built, who will use it, and what problems it will solve for its users.

2.1 Functional Requirements

Functional requirements are product features or functions that developers must implement to enable users to accomplish their tasks. So, it is important to make them clear both for the development team and the stakeholders. Generally, functional requirements describe system behavior under specific conditions.

2.1.1 Registration

- The Students should be able to registered with their details.
- The system should record all the details of students into member Google sheets.

2.1.2 Logging-In

- The System should verify the Student USN against the member Google sheets when logging in, to confirm the student as a existing one.
- After logging in member should be directed to home screen.
- By which Students can see some basic details about college sports event
- After this he is redirected to Sports registration form.
- In Sports registration form the participant select the particular event he wish to participate.
- After submitting the form the participant receives the confirmation message.

2.2 Non-Functional Requirements

Nonfunctional Requirements (NFRs) define system attributes such as security, reliability, performance, maintainability, scalability, and usability. They serve as constraints or restrictions on the design of the system across the different backlogs.

2.2.1 Security Requirements

- All external communications between the data's server and client must be encrypted.
- All data must be stored, protected, or protectively marked.

2.2.2 Hardware requirements

- Any processor after Pentium 4.
- Any version of Windows XP or later.
- Processor speed: 2.0 GHz
- RAM: 1GB (may vary)
- Hard disk: 40GB to 80 GB (may vary)
- Internet connection

2.2.3 Software requirements

- Operating-system: windows 7, 8, 9 and above.
- Front end: HTML, CSS, JavaScript.
- Tools: XXAMP/Apache server
- Browser: Chrome, Mozilla ,Firefox..,

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SYSTEM DESIGN AND ARCHITECTURE

System design is process of defining the architecture, product design, modules, interfaces, and data for a system specified requirements. Design is the first step in the development phase for any techniques and principles for the purpose of defining a device, a process or system in sufficient detail to permit its physical realization. Once the software requirements have been analyzed and specified the software design involves three technical activities - design, coding, implementation and testing that are required to build and verify the software.

3.1 Data Flow Diagram

The data flow diagram is a graphic depiction of the interactions among the elements of Internet servicesprovider management system. It represents the different view, analysis to identify, clarify and organizesystem requirements of this system. The data flow diagram are represented by either squares or ellipses.

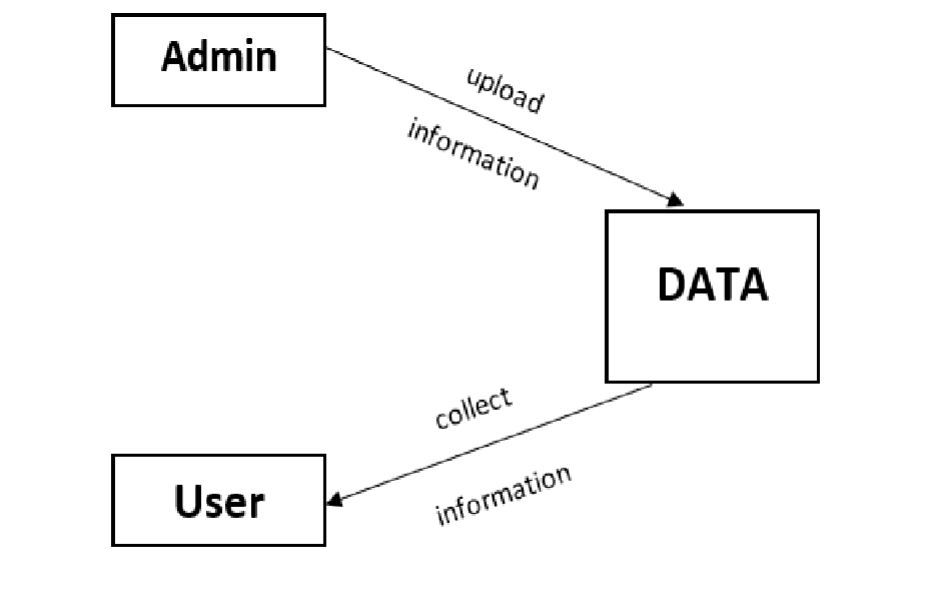


Figure: 3.1 Diagram shows the flow of data

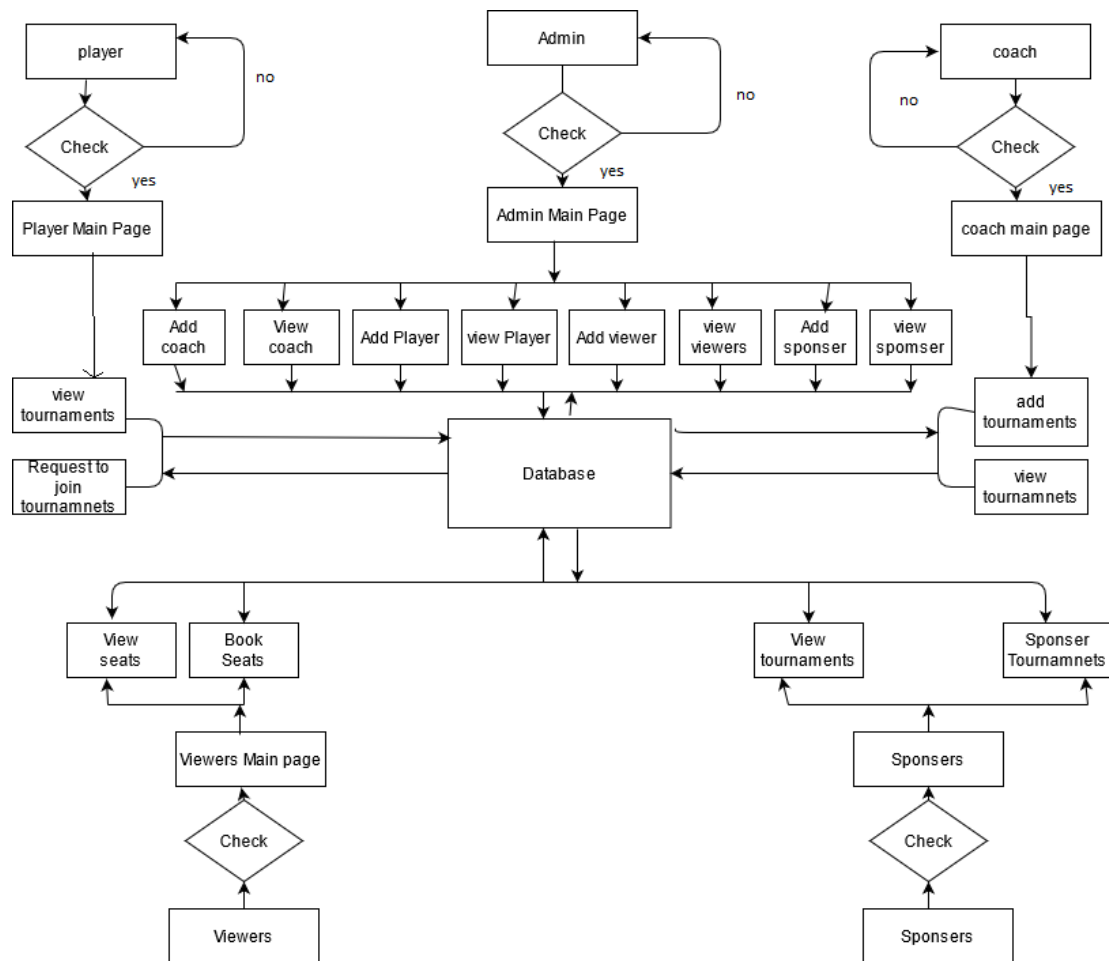


Figure: 3.2 Data Flow Diagram

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IMPLEMENTATION

4.1 Source Code :Index.html

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta http-equiv="X-UA-Compatible" content="IE=edge" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<link rel="preconnect" href="https://fonts.googleapis.com" />

<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin />

<link href="https://fonts.googleapis.com/css2?family=Poppins:ital,wght@0,100;0,400;0,600;0,700;0,800;0,900;1,300;1,600;1,700;1,800;1,900&display=swap"

rel="stylesheet"/>

<link

rel="stylesheet"

href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.1.2/css/all.min.css"

integrity="sha512-

1sCRPdkRXhBV2PBLUdRb4tMg1w2YPf37qatUFeS7zlBy7jJI8Lf4VHwWfZZfpXtYSLy85pkm9Ga

YVYMfw5BC1A=="

crossorigin="anonymous"

referrerpolicy="no-referrer" />

<link

rel="stylesheet"

href="https://cdn.jsdelivr.net/npm/@fortawesome/fontawesome-free@6.2.1/css/fontawesome.min.css"/>

<link

rel="stylesheet"

href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.3.0/css/all.min.css"

integrity="sha512-

SzlrXWUlpfuzQ+pcUCosxcglQRNAq/DZjVsC0lE40xsADsfeQoEypE+enwcOiGjk/bSuGGKHEyjSo

Q1zVisanQ=="

crossorigin="anonymous"

referrerpolicy="no-referrer"/>
```



```
<link rel="stylesheet" href="./styles.css" />
<title>NCE Sports Club</title>
<link rel="stylesheet" href="./script.js" />
</head>
<body>
  <section class="header">
    <nav>
      <a href="index.html"
        >
      </a>
      <div class="nav-links" id="navlinks">
        <i class="fa fa-times" onclick="hidemenu()"></i>

        <ul>
          <li>
            <a href="index.html">HOME</a>
          </li>
          <li>
            <a href="#" >ABOUT US<i class="fa-solid fa-angle-down" style="padding-left:
5px"></i></a>
            <div class="submenu-about">
              <ul>
                <li>
                  <a href="AboutSports.html" style="color: black">About Us</a>
                </li>
                <li>
                  <a href="#" style="color: black">Chairman's Message</a>
                </li>
                <li><a href="#" style="color: black">Principal</a></li>
                <li><a href="#" style="color: black">Vision & Mission</a></li>
                <li>
                  <a href="#" style="color: black">About Our College</a>
```

```

        </li>
    </ul>
</div>
</li>
<li>
    <a href="#"
    >SPORTS-COMMITTEE<i
    class="fa-solid fa-angle-down"
    style="padding-left: 5px"
    ></i>
    ></a>
    <div class="submenu-committee">
        <ul>
            <li>
                <a href="#" style="color: black">Faculties</a>
            </li>
            <li><a href="#" style="color: black">Students</a></li>
        </ul>
    </div>
</li>
<li><a href="contact.html">CONTACT</a></li>
</ul>
</div>
<i class="fa fa-bars" onclick="showmenu()"></i>
</nav>
<div class="text-box">
    <h1>Welcome to Navkis college of Engineering Sports Event-2023</h1>
    <p>
        We firmly believe that Sports and Games are essential for good
        physical and mental health of the students. During the Induction
        Programme for the <br />
        first year all students are given an opportunity to learn Yoga and
    </p>

```

Meditation.

</p>

<i class="fa fa-arrow-right" aria-hidden="true" style="margin-right: 5px" ></i>Click here to Register

</div>

</section>

<!-- ---About-Us---- -->

<section class="about-us">

<div class="row">

<div class="about-col about-cont">

<h1>About Us</h1>

<p>

Navkis Group of Institutions is an initiative from The House of Sri M.S Ramaiah, a pioneer in Education, in the private segment, in Karnataka. This Chain of Educational Institutions is a trustworthy provider of quality education across Karnataka. Navkis Group of Institutions comprises eight Edu-centres of Excellence ranging from Pre-KG to Standard XII, Pre University Education and an Engineering College. The inspiration and philosophy of Dr. M.S Ramaiah, forms the framework of the Navkis philosophy and ethos.

</p>

<i class="fa fa-arrow-right" aria-hidden="true"></i> Read More

</div>

<div class="about-col about-img">

</div>

</div>

</section>

<!-- --mission--- -->

<section class="mission">

<div class="mission-cont">

COLLEGE MISSION

“To establish state-of-the-art facilities and a conducive

environment for education and research”

** To collaborate with academia and industry*
** To foster Professional Ethics, Innovation and Entrepreneurship*

** To fulfill social obligations*

”

Sports

We firmly believe that Sports and Games are essential for good physical and mental health of the students. During the Induction Programme for the first year all students are given an opportunity to learn Yoga and Meditation.

College has facilities for Athletics, Sports like Cricket, Volley Ball, football, Hand ball, Badminton and Throw ball, Kho-Kho and Kabaddi along with Games like Carrom, Chess, and Table Tennis. Expert coaching is given to guide the students and to prepare them for competitions.

[>](AboutSports.html)

“Click to Know More”

```
</section>

<!-- --footer--- -->

<section class="footer">

  <div class="footer-row">

    <div class="footer-col">

      <h3>OUR LOCATION</h3>

      <p>

        KIADB. Thimmanahalli Industrial <br />
        Area, NH. 75, Plot No. 7 and 8 <br />
        Kandali - 573217 <br />
        M : +91 7795362087 / +91 9481450750 <br />
        T : 08172-297019 <br />
        T : 08172-297464

      </p>

      <br /><br />

      <h4>E : info@navkisce.com / principal@navkisce.com</h4>

      <h2>

        <a
href="https://www.google.co.in/maps/place/Navkis+College+of+Engineering/@12.9757983,76.03451,17z/data=!3m1!4b1!4m6!3m5!1s0x3ba53971ee7d1faf:0xe23858d430e2b8b!8m2!3d12.9757983!4d76.03451!16s%2Fg%2F11j2s8qvc1?entry=ttu" ><i
      class="fa-sharp fa-solid fa-location-dot"
      style="padding-right: 5px"
      ></i>Google Maps</a>

      </h2>

    </div>

    <div class="footer-col">

      <h3>CITY ADMISSION OFFICE ADDRESS</h3>

      <p>

        Navkis Educational Centre <br />
        MS Ramaiah Memorial hall, Gokula, <br />
        MS Ramaiah Main road, Bangalore-54 <br />

      <br />

    </div>

  </div>

</section>
```

<i class="fa-solid fa-phone-volume" style="padding-right: 5px"></i>+91 80732 09563

</p>

</div>

<div class="footer-col">

<div class="footer-col1">

<h3>INFORMATION</h3>

<p>

Documents Required for Admission

Academic Eligibility for B.E.

Mandatory Disclosure

</p>

</div>

<div class="footer-col2">

<h3>CONNECT WITH NCE</h3>

<p>

<i

class="fa-brands fa-square-facebook"

style="padding-right: 5px"></i>Facebook

<i class="fa-brands fa-twitter" style="padding-right: 5px"></i>Twitter

<i class="fa-brands fa-youtube" style="padding-right: 5px"></i> YouTube

<i class="fa-brands fa-linkedin" style="padding-right: 5px"></i>Linkedin

<i class="fa-brands fa-instagram" style="padding-right: 5px"></i>Instagram

</p>

</div>

</div>

</div>

```
</section>

<script>

var navlinks = document.getElementById("navlinks");

function showmenu() {
    navlinks.style.right = "0";
}

function hidemenu() {
    navlinks.style.right = "-200px";
}

</script>

</body>

</html>
```

Chapter-5

RESULT ANALYSIS



Fig 5.1: Home Page

SPORTS REGISTRATION-2023	
Events-list	Register Link
100Mtr. Running Race(Boys & Girls)	Register
Shot put(Boys & Girls)	Register
Discus Throw(Boys & Girls)	Register
Volley ball(only Boys)	Register
ThrowBall (only Girls)	Register
Carom for boys	Register
Carom for Girls	Register
Chess for Boys	Register
Chess for Girls	Register
Kho Kho(For Boys)	Register
Kho Kho(For Girls)	Register
Tabel Tennis(For Boys)	Register
Tabel Tennis(For Girls)	Register

Fig 5.2 : Registration Page

An Initiative from
Sri. M. S. Ramaiah Navkis
College of Engineering, Hassan

100m Sprint Registration

Registration form for 100m sprint

[Sign in to Google](#) to save your progress. [Learn more](#)

**Indicates required question*

YEAR *
Choose

SECTION *
NOTE: 2nd Year Students select Section A
Choose

BRANCH *
Choose

Gender *
☐ Male
☐ Female

Participant -1 (Name & USN) *
NOTE: Enter the name with USN
Your answer

Participant -2 (Name & USN) *
Your answer

Participant -3 (Name & USN) *
Your answer

Submit [Clear Form](#)

Never submit passwords through Google Forms.
This document has been created for printing by Google Forms. [Report Abuse](#) [Terms of Service](#) [Privacy Policy](#)

Google Forms

Fig 5.3 : Registration Form

SPORTS





SPORTS

We firmly believe that Sports and Games are essential for good physical and mental health of the students. During the Induction Programme for the first year all students are given an opportunity to learn Yoga and Meditation. College has facilities for Athletics, Sports like Cricket, Volley Ball, football, Hand ball, Badminton and Throw ball, Kho-Kho and Kabaddi along with Games like Carrom, Chess, and Table Tennis. Expert coaching is given to guide the students and to prepare them for competitions. A few students have represented our College as well as our Zone in Inter-College and Inter-Zonal matches in events like Kho-Kho, Kabaddi, Triple Jump, Relay Races. One of our students secured 1st place in best physique in under-60 kg category. Preparations are on to set up a Multi-gym in the College. At Navkis, we believe that character building education is not restricted only to the classroom but also to the world outside of it. The college has vast sports facilities and grounds for students to pursue excellence in sports and stay fit. The college encourages students to develop and participate in various outdoor and indoor sports like football, volleyball, and basketball.

Physical Education Director

Fig 5.4 : Sports info Page



Fig 5.5 : College-Mission Page



Fig 5.6 : Contact Us Page

CONCLUSION

The sports event management system project aims to provide a comprehensive solution for effectively managing sports events, from planning and organization to execution and evaluation. After analyzing the project, it can be concluded that the system offers several significant benefits and features. This project creates an easy web interface. It allows multiple users to login and perform their desire task. It allows event organizers to efficiently manage tasks such as scheduling, venue selection, participant registration, and budgeting. The system provides a centralized platform where all relevant information and data can be easily accessed, enabling organizers to make informed decisions and ensure smooth event operations. It helps students to save lot of time in searching of sport events being conducted, as list of students will be generated. Sports event management system will provide the serving activity in quick and easy manner. It helps in great way for getting more information of the shorted listed students in small interval of time. The system is user friendly and easy to use.

REFERENCES

[1]<https://www.codecademy.com/catalog/subject/web-development>

[2]https://practice.geeksforgeeks.org/courses?source=google&medium=cpc&device=c&keyword=geeksforgeeks&matchtype=b&campaignid=20039445781&adgroup=147845288105&gad=1&gclid=Cj0KCQjw756lBhDMARIsAEI0AglyiNgb1geYTKaGAcvA-5P_el47Id5S4TCiXjFIJLPi9EBbcrIhVRMaAvuhEALw_wcB

[3]http://www.w3schools.com/html/html_intro.asp