

**MET'S INSTITUTE OF
INFORMATION TECHNOLOGY
(CDAC-ACTS)
BHUJBAL KNOWLEDGE CITY, NASHIK.s**

Documentation On
“UNIFIED CLUB HUB”
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Submitted By:

Group No: 04

**Manoj Satish Patil (240347320024)
Mohd Imran Ansari (240347320027)
Muskan (240347320029)
Tejaswini Sonawane (240347320061)**

Mr. Nandkishor P. Sonawane

Centre Coordinator

Project Guide

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1. INTRODUCTION

Introduction:

Unified Club Hub, aims to develop a comprehensive, stoner-friendly system to efficiently manage a customer's sports and event clubs. The system will cover colourful aspects of club operation, including installation booking, class operation, event planning, and real- time collaboration tools. The design integrates features acclimatized for both sports and artistic functions, icing a flawless and engaging experience for all druggies. Unified Club Hub is designed to streamline the operations of sports clubs and event venues, offering a centralized platform for reserving installations, organizing events, managing enrolments, and hosting artistic events. The system includes interactive tools for scheduling, communication, fiscal operation, and analytics, furnishing directors, members, and event organizers with a cohesive and intuitive interface.

Problem Statement:

Sports clubs often face significant challenges in managing their operations due to fragmented and inefficient systems. These issues include difficulties in tracking memberships, scheduling events, managing payments, and ensuring effective communication with members. The lack of integration between these functions leads to increased administrative burdens, data inaccuracies, and diminished member satisfaction. Unified Club Hub addresses these problems by providing a centralized, all-in-one platform that streamlines and integrates all aspects of sports club management. By offering a unified solution, Unified Club Hub aims to enhance operational efficiency, improve data accuracy, and foster a more engaging and organized environment for both club administrators and members.

Aims and Objective:

Aim: To provide a comprehensive and integrated sports club management system that enhances operational efficiency, improves member engagement, and streamlines administrative tasks for sports clubs of all sizes.

Objectives:**1. Centralized Management:**

- Develop a unified platform that consolidates membership management, event scheduling, payment processing, and communication into a single system.

2. Efficiency and Automation:

- Automate routine administrative tasks, such as membership renewals and event reminders, to reduce manual workload and minimize errors.

3. Enhanced Member Experience:

- Create intuitive interfaces and self-service options for members to manage their profiles, register for events, and make payments seamlessly.

4. Real-Time Data and Reporting:

- Provide real-time access to critical data and analytics, including membership statistics, financial reports, and event participation, to support informed decision-making.

5. Improved Communication:

- Facilitate effective communication channels between club administrators and members through integrated messaging, notifications, and announcements.

6. Scalability and Flexibility:

- Design the system to be scalable and adaptable to various types of sports clubs, from small community teams to large, multi-facility organizations.

7. Security and Compliance:

- Ensure robust data security measures and compliance with relevant regulations to protect member information and financial transactions.

8. User-Friendly Interface:

- Create an easy-to-navigate interface for both administrators and members, with a focus on usability and accessibility across devices.

By achieving these objectives, Unified Club Hub aims to transform sports club management into a more streamlined, efficient, and engaging experience for all stakeholders.

2.OVERALL DESCRIPTION

Proposed Methodology:

1. Requirement Analysis:

- **Objective:** Gather and define the specific needs and challenges faced by sports clubs.
- **Activities:** Conduct surveys, interviews, and workshops with club administrators, members, and stakeholders. Analyze current management practices and identify gaps and opportunities for improvement.

2. System Design:

- **Objective:** Develop a blueprint for the system that meets the identified requirements.
- **Activities:** Create detailed system specifications, including user roles, functionalities, and workflows. Design user interfaces and system architecture, ensuring scalability and flexibility. Prepare data models and define integration points with existing tools if needed.

3. Development:

- **Objective:** Build the Unified Club Hub platform according to the design specifications.
- **Activities:**
 - **Front-End Development:** Develop intuitive and responsive interfaces for administrators and members.
 - **Back-End Development:** Implement core functionalities, including membership management, event scheduling, payment processing, and communication tools.
 - **Database Design:** Create a robust database schema to handle member data, financial transactions, and event details securely.

4. Integration and Testing:

- **Objective:** Ensure that all components of the system work seamlessly together and meet quality standards.
- **Activities:**
 - **Integration Testing:** Test the interactions between different modules and external systems (if applicable).
 - **Functional Testing:** Verify that all features work as intended according to the requirements.
 - **User Acceptance Testing (UAT):** Conduct testing with real users to validate the system's usability and performance. Gather feedback and make necessary adjustments.

5. Deployment:

- **Objective:** Launch Unified Club Hub for use by sports clubs.
- **Activities:**
 - **Deployment Planning:** Develop a deployment plan, including data migration strategies and system configuration.
 - **Launch:** Deploy the system to a live environment and monitor its performance.
 - **Training:** Provide training and documentation for administrators and members to ensure smooth adoption.

6. Maintenance and Support:

- **Objective:** Provide ongoing support and enhancements to ensure the system remains effective and up-to-date.
- **Activities:**
 - **Technical Support:** Offer support services for troubleshooting and resolving issues.
 - **Updates and Enhancements:** Regularly release updates to improve functionality, address bugs, and incorporate user feedback.
 - **Performance Monitoring:** Continuously monitor system performance and make adjustments to maintain optimal operation.

7. Evaluation and Feedback:

- **Objective:** Assess the impact of Unified Club Hub and identify areas for further improvement.
- **Activities:**
 - **Performance Review:** Analyze system performance data and user feedback to evaluate effectiveness.
 - **Surveys and Feedback Collection:** Gather feedback from users to understand their experiences and identify potential enhancements.
 - **Continuous Improvement:** Implement changes based on feedback and performance analysis to ensure the system evolves to meet users' needs.

By following this methodology, Unified Club Hub aims to deliver a robust, user-friendly sports club management system that addresses the needs of sports clubs and enhances overall operational efficiency.

3. REQUIREMENTS SPECIFICATION.

External Interface Requirements:

User Interfaces:

- **Responsiveness**
- **Consistency**
- **Accessibility**
- **Localization**

Specific User Interfaces:

- **Login and Registration Interface**
- **Dashboard Interface**
- **Appointment Scheduling Interface**
- **Progress Tracking Interface**
- **Class and Scheduling Management Interface**
- **Billing and Payment Interface**
- **Admin Interface**

Hardware Interfaces:

- **Backend Server**
- **Database Server**
- **Scalability**

User Devices:

- **Desktop and Laptops**
- **Mobile Devices**

Display Resolution

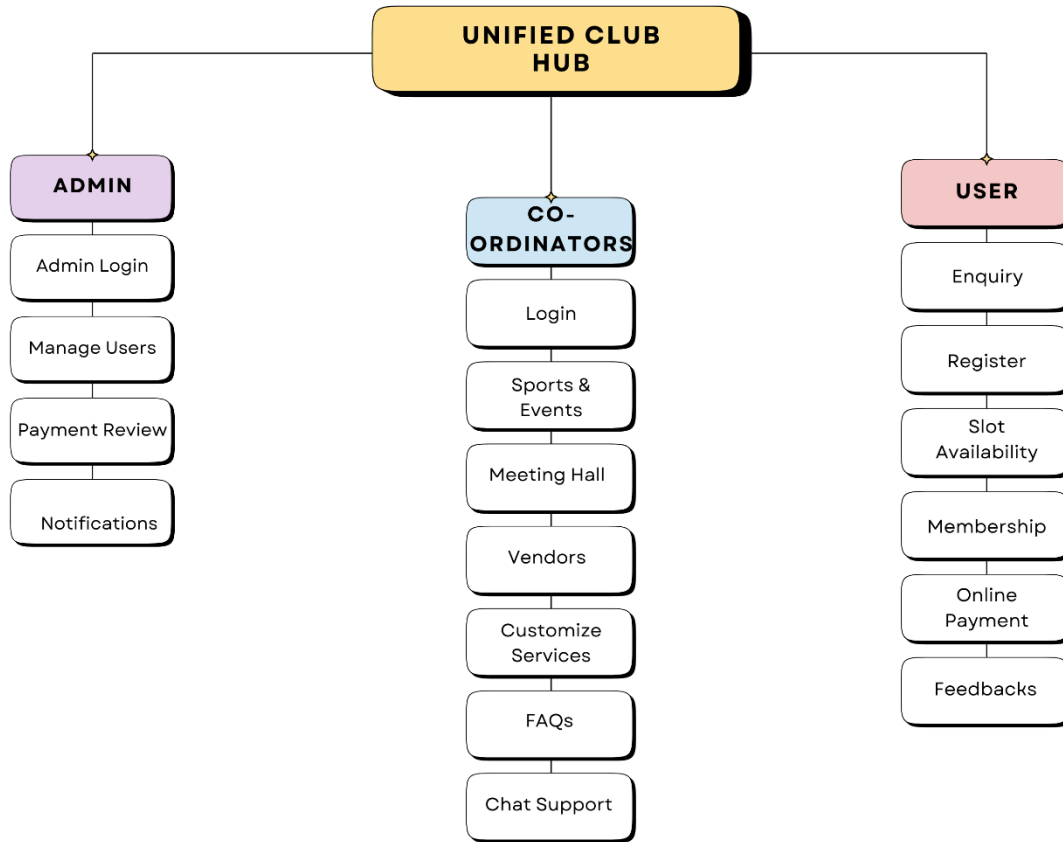
This includes, but not limited to, general network connection at the server/hosting site, network server and network management tools.

Application Interfaces:**Web Browser:**

The system is a web-based application; clients need a modern web browser such as Mozilla Firefox, Internet Explorer, Opera, and Chrome. The computer must have an Internet connection in order to be able to access the system.

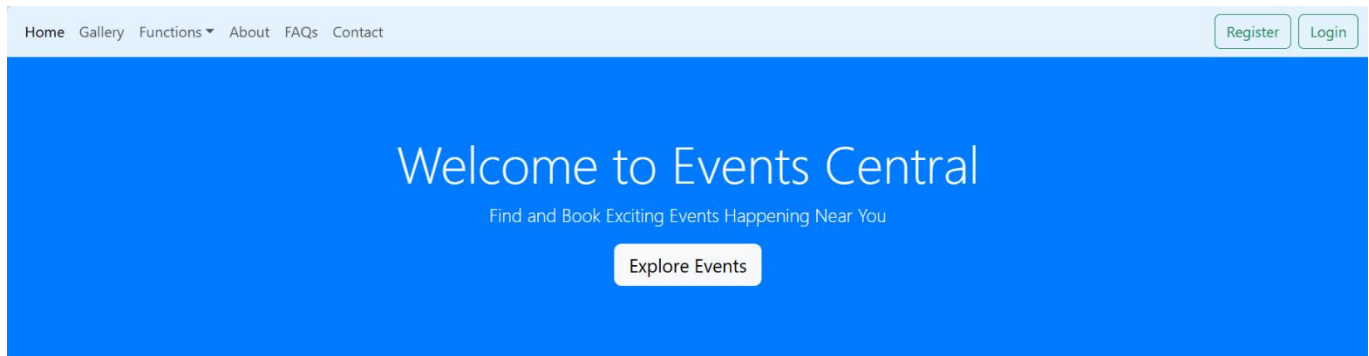
Communications Interfaces:

- This system uses communication resources which includes but not limited to, HTTP protocol for communication with the web browser and web server and TCP/IP network protocol with HTTP protocol.
- This application will communicate with the database that holds all the booking information. Users can contact with server side through HTTP protocol by means of a function that is called HTTP Service. This function allows the application to use the data retrieved by server to fulfill the request fired by the user.

Flow-chart Diagram

4. SCREENSHOTS

1. Home page-



Featured Events



2. Login page-

Home Gallery Functions ▾ About FAQs Contact

Register Login

Login Form

Email or Phone:

Password:

[LOGIN](#)

Not a member? [Sign up now](#)

3. User Registration page-

[Home](#) [Gallery](#) [Functions ▾](#) [About](#) [FAQs](#) [Contact](#) [Register](#) [Login](#)


Register

Role:
☐ User ☐ Coordinator ☐ Admin

UserName:

Email:

Mobile Number:

Date of Birth:
 

Password:

Confirm Password:

[Register](#)

Already have an account? [Login](#)

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4. About page-

[Home](#) [Gallery](#) [Functions](#) [About](#) [FAQs](#) [Contact](#)

[Register](#)

[Login](#)

About Us

Welcome to our UNIFIED CLUB HUB

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Totam, numquam excepturi, soluta quaerat natus quos blanditiis corporis assumenda esse officia vitae distinctio tempora ut ducimus dolore voluptatibus temporibus nesciunt! Nostrum?



Lorem ipsum dolor sit amet, consectetur adipisicing elit. Totam, numquam excepturi, soluta quaerat natus quos blanditiis corporis assumenda esse officia vitae distinctio tempora ut ducimus dolore voluptatibus temporibus nesciunt! Nostrum? Lorem ipsum dolor sit amet consectetur, adipisicing elit. Unde placeat recusandae adipisci eos expedita, totam necessitatibus. Earum optio amet nesciunt quasi? Aliquid, magni earum quia architecto perspiciatis blanditiis. Corrupti, esse!

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Totam, numquam excepturi, soluta quaerat natus quos



5. Contact Page-

[Home](#) [Gallery](#) [Functions](#) [About](#) [FAQs](#) [Contact](#) [Register](#) [Login](#)

Contact Us

Fill out the form below and we'll get back to you as soon as possible.

Name

Email

Phone

Message

[Send Message](#)





The map displays the Nashik region in Maharashtra, India. A red pin marks the location of MET Bhujbal Knowledge City in Adgaon, near National Highway 3. The map includes labels for various landmarks such as Nashik International Airport, Nashik Bird Garden, and several localities like Janjori, Bajrang Nagar, and Jaylakedindori. The city name 'Nashik' is prominently displayed in both English and Marathi (नाशिक).

6. Meeting Hall Services Page-

Home Gallery Functions * About FAQs Contact Register Login

Meeting Hall

Available Halls

	Hall A Capacity: 50 people Features: Projector, Whiteboard, WiFi Hall Rate: 15000 Additional Services	Book Now
	Hall B Capacity: 100 people Features: Projector, Whiteboard, WiFi Hall Rate: 30000 Additional Services	Book Now
	Hall C Capacity: 250 people Features: Projector, Whiteboard, WiFi, Video Conferencing Hall Rate: 60000 Additional Services	Book Now
	Hall D Capacity: 500 people Features: Whiteboard, WiFi Hall Rate: 100000 Additional Services	Book Now

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7. Tournaments page-

[Home](#) [Gallery](#) [Functions](#) [About](#) [FAQs](#) [Contact](#)

[Register](#)

[Login](#)

Events Schedules

[Upcoming Events](#)

[Live Events](#)

[Ended Events](#)



Chess Tournament

Date: September 20, 2024

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur vehicula nisl non velit consequat.

[Book Slot](#)



Snooker Tournament

Date: August 16, 2024

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur vehicula nisl non velit consequat.

[Book Slot](#)



Carrom Tournament

Date: August 18, 2024

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur vehicula nisl non velit consequat.

[Book Slot](#)

localhost:3000

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8. Customize service Request page-

[Home](#) [Gallery](#) [Functions](#) [About](#) [FAQs](#) [Contact](#) [Register](#) [Login](#)

Event Services

Choose the services that best fit your needs

Meeting Hall

Hall A

Description for Hall A

[Add](#)

Hall B

Description for Hall B

[Add](#)

Hall C

Description for Hall C

[Add](#)

Hall D

Description for Hall D

[Add](#)

Custom Services

TentHouse

Description for TentHouse

[Add](#)

Catering Service

Description for Catering Service

[Add](#)

Technical Support

Description for Technical Support

[Add](#)

Event Decorations

Description for Event Decorations

[Add](#)

localhost:3000

9.

6. CONCLUSION

Unified Club Hub represents a transformative solution for sports club management, offering a streamlined, all-in-one platform designed to enhance efficiency and member engagement. By integrating key functions such as membership management, event scheduling, payment processing, and communication into a single, user-friendly system, Unified Club Hub simplifies administrative tasks and improves operational effectiveness. With its focus on automation, real-time data, and robust support, Unified Club Hub not only meets the diverse needs of sports clubs but also sets a new standard for excellence in club management. Embrace Unified Club Hub to elevate your sports club's performance and member satisfaction to new heights.

Future Scope:

The future scope of Unified Club Hub is poised to expand and evolve with emerging technologies and evolving needs of sports clubs. As we look ahead, the platform aims to incorporate advanced features such as artificial intelligence for predictive analytics and personalized member experiences, integration with wearable technology to track performance and health metrics, and enhanced mobile capabilities for on-the-go management. Additionally, Unified Club Hub plans to explore expansion into global markets, supporting multilingual interfaces and localized compliance features to cater to diverse user bases. By continuously innovating and adapting to industry trends, Unified Club Hub will remain at the forefront of sports club management, providing clubs with cutting-edge tools to drive engagement, efficiency, and growth in an ever-changing landscape.

6.REFERENCES

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