

ClubHub Connect

Introduction:

Thoughts are the mind, knowledge is the sail, and our body is the vessel. By fusing the core elements of SMVDU clubs with digitalization and technology, we aim to create a portal. A website that gives the students all the updates at their fingertips, so managing academics while finding an escape in the clubs becomes almost effortless. Practically, running around the campus to get all the information is neither tranquil nor pragmatic. We would try to inculcate the necessary resources to run a club. By creating this website, we are taking an initiative to ensure a smooth functioning and management of all the clubs by the heads and providing real time updates to the students. An interactive interface with admin-student access for the website, with certain restrictions, would promote increased participation and a hassle free club culture.

Background:

In the realm of organizational efficiency, our journey led us to identify a niche that demanded attention. It became apparent that a growing number of

clubs and groups, teeming with potential, were grappling with the challenge of **effectively coordinating** their diverse activities.

As we delved deeper into the issue, a recurring theme emerged: the **absence of a robust and cohesive management solution** tailored to the unique requirements of these clubs. The tools available in the market, though abundant, often imposed constraints and financial burdens on club leaders, hindering their operational fluidity.

Motivated by the desire to bridge this gap, we conceptualized the notion of a **club management system**. Our vision extended beyond the creation of another software tool; it aimed to craft a **holistic and user-centric platform** that would democratize access to efficient club management. We sought to **empower clubs and organizations** of all scales, endowing them with an array of resources, tools, and capabilities to streamline their operations.

In essence, our initiative is underpinned by the belief that every club, irrespective of its size or resources, merits a management solution capable of **optimizing its functions, facilitating collaboration, and nurturing growth**. Through our club management system, we aspire to provide clubs and organizations with the means to thrive, thereby enriching the dynamic fabric of their respective communities.

Project Objectives

- **Enhanced Club Management:** Develop a web application that simplifies and streamlines club management tasks for both club administrators and members.
- **Improved Student Engagement:** Create a platform that fosters increased student engagement and participation in various student clubs and campus activities.
- **Centralized Information:** Provide a centralized hub for students to access information about all SMVDU student clubs, their events, resources, and contact details.
- **Real-Time Communication:** Implement real-time communication features such as notifications, chat rooms, and discussion forums to facilitate interaction among club members.
- **Efficient Event Management:** Enable club administrators to efficiently manage and promote their club's events, workshops, and seminars.
- **Seamless Membership:** Offer a seamless process for students to join clubs and register for events within the application.
- **Resource Sharing:** Facilitate the sharing of resources, reading materials, and event presentations among club members and the broader student community.
- **User-Friendly Experience:** Ensure a user-friendly and intuitive interface that is accessible on both desktop and mobile devices.

- **Security and Privacy:** Prioritize the security and privacy of user data, adhering to best practices and compliance with data protection regulations.
- **Scalability:** Design the application to scale as the university's student population and club offerings grow.
- **Performance Optimization:** Optimize the application for speed and performance, ensuring quick access to information and features.
- **Promote Campus Culture:** Ultimately, the objective is to create a vibrant and interconnected campus culture that encourages students to explore their interests, collaborate, and contribute to the SMVDU community.

Technology Stack

- Front-end (HTML,CSS,BootStrap,React.js)
- Api Building (express)
- Back-end(Javascript)
- Database (MySQL,MongoDB)
- PHP

Expected Outcome

- 1) Making of a web application for club management.
- 2) Well written clean code for developing.
- 3) More simple and easy UI to navigate
- 4) Making of
 - a) Admin dashboard
 - b) Chat rooms or forums

- c) Resource sharing
 - d) Event calendar
 - e) User registration and Authentication
- 5) Different features for different clubs as per requirement of club admins.
 - 6) A separate section for NSS mentioning your total working hours.
 - 7) A gallery section for clubs that give newcomers an idea about the club.
 - 8) Provision of a help desk that get user comment and problem in one click
 - 9) A section providing news and information of upcoming events and opportunities.
 - 10) An ad free and clean website.
 - 11) Specific margins and spaces are used to format the contents.