

College Clubs

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Abstract— This is a collaborative forum for all the extra-curricular clubs of any college, developed using HTML CSS and JavaScript in the frontend and PHP in the server side, hosted on 000webhost.

Keywords— web development project, PHP, computer science, college clubs

I. INTRODUCTION

This is our 2nd Year Computer Science Project. We wanted to create something new and at the same time, useful. Hence, we made this web portal using our development skills. This website is a shared space for all the co-curricular societies of any college. It will ease managing events as well as collaborations between different clubs.

II. LITERARY SURVEY

Most colleges generally have an ERP portal and some social messenger groups for handling their academics. There is no separate channel for propagating the work done by the co-curricular societies.

Event management is generally done manually and sometimes takes a lot of time due to some unprecedented circumstances.

III. PROBLEM STATEMENT

Absence of a proper cultural website diminishes the excellent work done by the different extra-curricular societies of the college.

Event management is a big problem due to the lack of an integrated system.

IV. PROPOSED SOLUTION

A. Collaborative Clubs Management

Information of all clubs and their events at one place, with necessary contact details. (Image 1) Inspired by <https://sac.iitd.ac.in/clubs/>

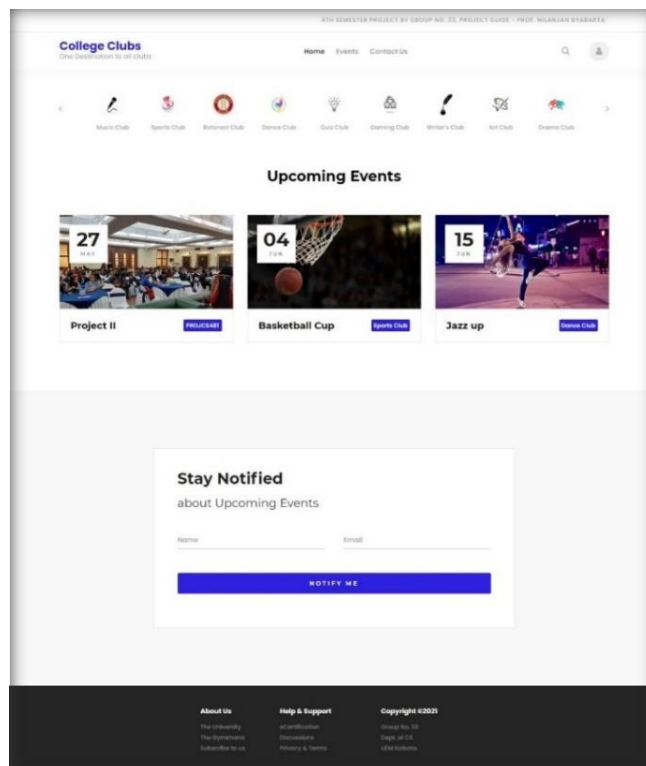


Image 1. The Home Page

Events will be shown in a timeline, hence slotting of new events will be easier for the clubs. (Image 2)

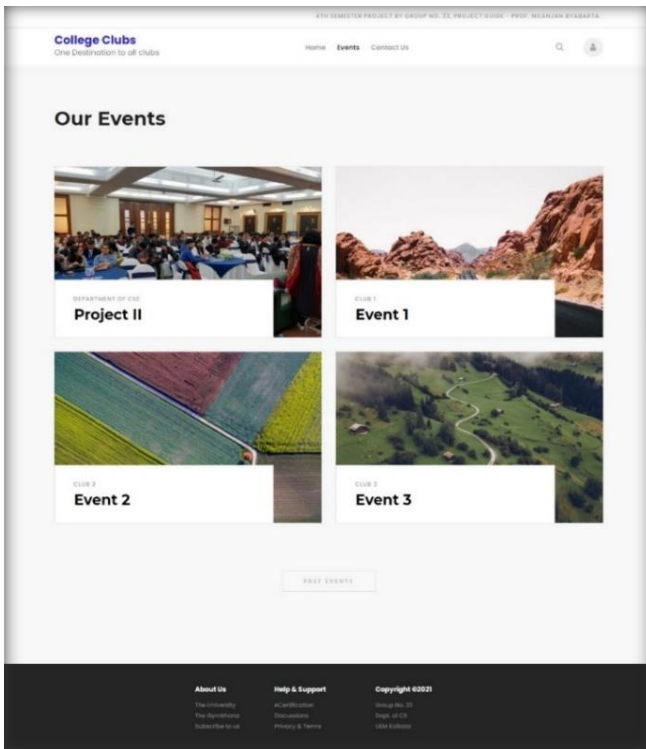


Image 2. The Events Page

B. Integrated Event Management

A single login/signup auth database will be used for any event. Attendees will be notified before the event starts and before submission deadlines. Inspired by <https://dare2compete.com/> (Image 3)

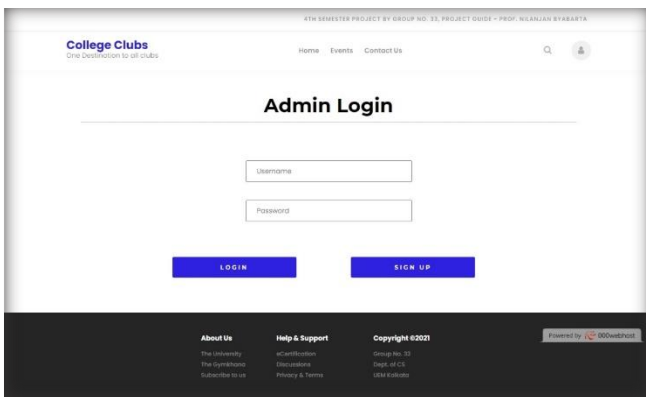


Image 3. Login or Signup Page

Event microsite for easy RSVP (and fetching other required details like POC information, etc. (Image 4)

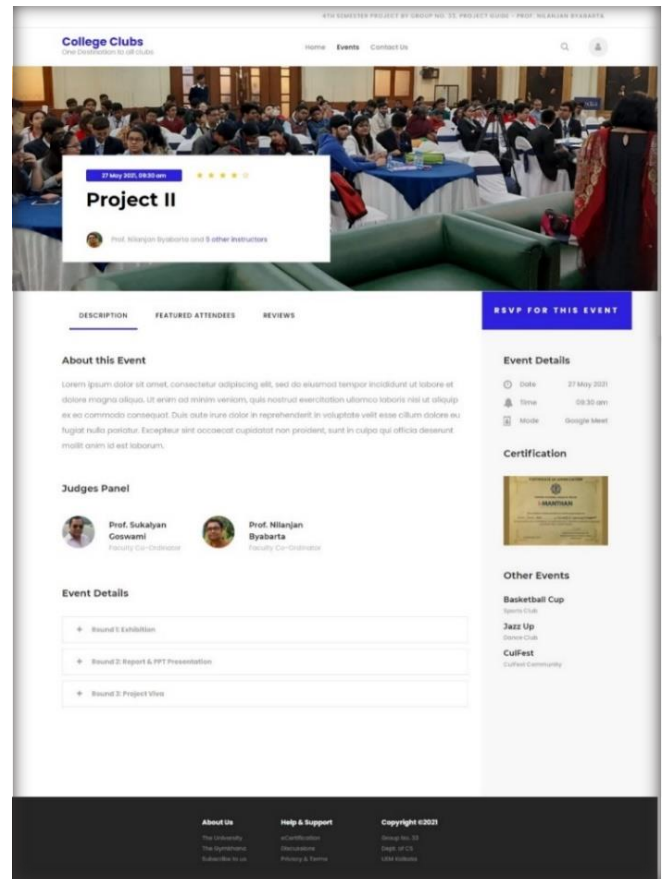


Image 4. The Individual Event Page

After the event, e-certificates will be sent to event attendees and contest winners. Event materials may also be broadcasted at request. (Image 5)

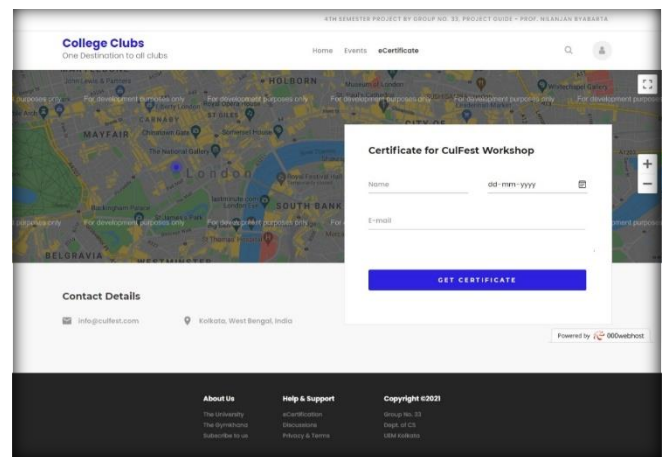


Image 5. Certificate Generation Page

Workflow automation can be achieved by connecting all essential platforms like WhatsApp, Slack, E-Mail, etc through their respective APIs, so that important operations can be notified to the concerned society or broadcasted across the system, in a minimalist approach. This can also be used for social media integration. Tasks can also be scheduled.

V. EXPERIMENTAL SETUP AND RESULT ANALYSIS

We have created the frontend of this project using HTML, CSS and JS, written on PHP files.

We have used libraries like jQuery v3.2 and Bootstrap v4.0, JavaScript plugins like Owl Carousel v2.2 (Home Page only) and Parallax Engine v1.5, and public APIs of YouTube (Individual Club Page only) and Google Maps.

The code was done using Microsoft Visual Studio Code v1.5 text editor and ran on Apache HTTP Server included in XAMPP v8.

Image 5. A Sample of the Project Code

The web pages are designed with simplicity. Our primary focus was to solve our proposed ideas. A sample web page, which is a part of our project is shown adjacently. (Image 6)

Live - <http://college-clubs.000webhostapp.com/>

Repository - <https://github.com/suvrashaw/College-Clubs>

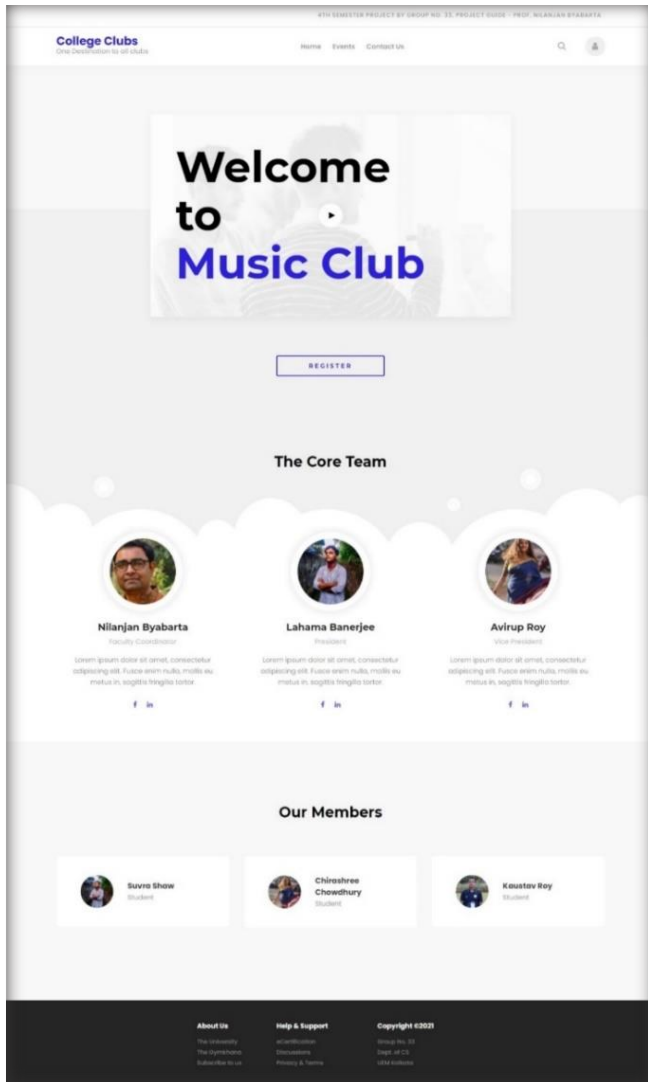


Image 6. Individual Club's Page

VI. CONCLUSION

In the end, I would like to conclude that despite of the current situation of the world as a whole and the personal problems faced by the members of this project work, we tried to create something that might be of some help to the community. We will be continuing this idea beyond this event and try fulfil it.

We have created the frontend of this project using HTML, CSS and JS, written on PHP files. We have implemented most of the “*Collaborative Clubs Management*”, and soon we will be finishing off with the “*Integrated Event Management*” portion.

REFERENCES

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