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. (Fig. 01) Inspired by https://sac.iitd.ac.in/clubs/

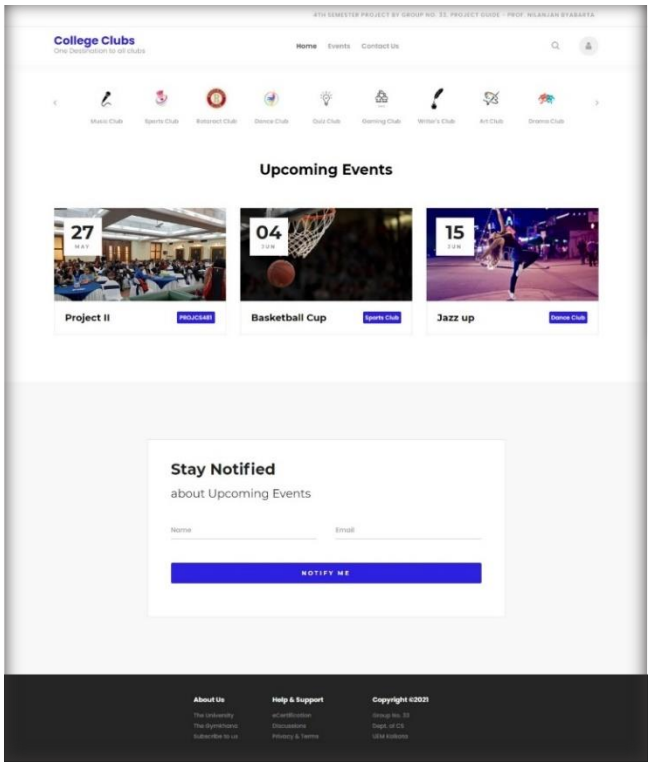

Fig. 01 - The Home Page

Events will be shown in a timeline, hence slotting of new events will be easier for the clubs. (Fig. 02)

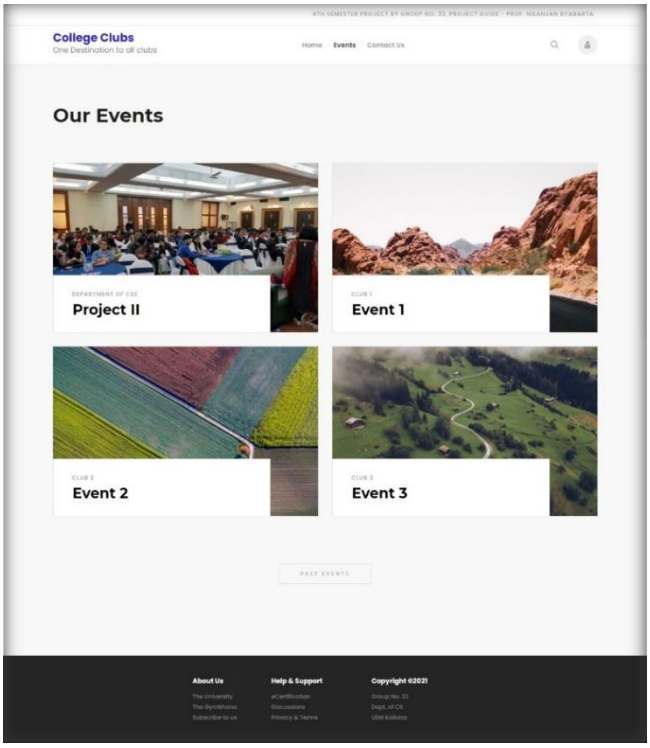

Fig. 02 - The Events Page

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/

Event microsite for easy RSVP and fetching other required details like POC information, etc. (Fig. 03)

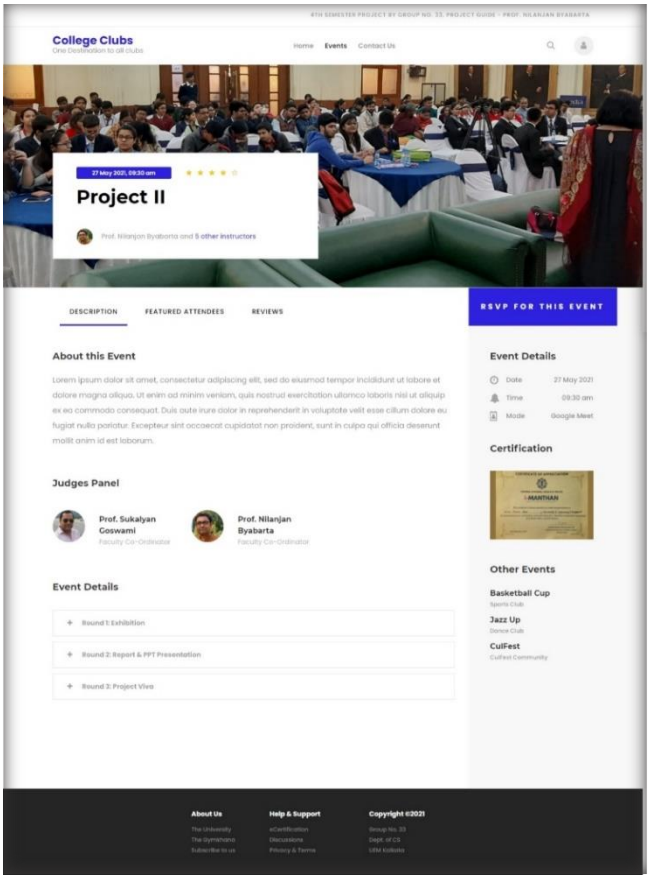

Fig. 03 - The Individual Event Page

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

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 Carousal 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.

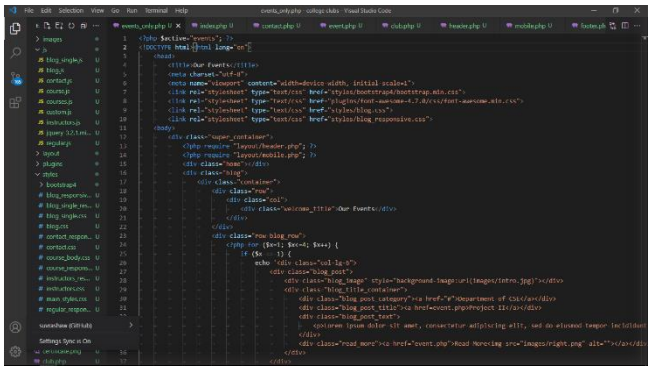

Fig. 04 - A Sample of the Project Code

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. (Fig. 05)

The website is hosted on 000webhost servers and live by this link - **http://college-clubs.000webhostapp.com/**

GitHub Repository - Link

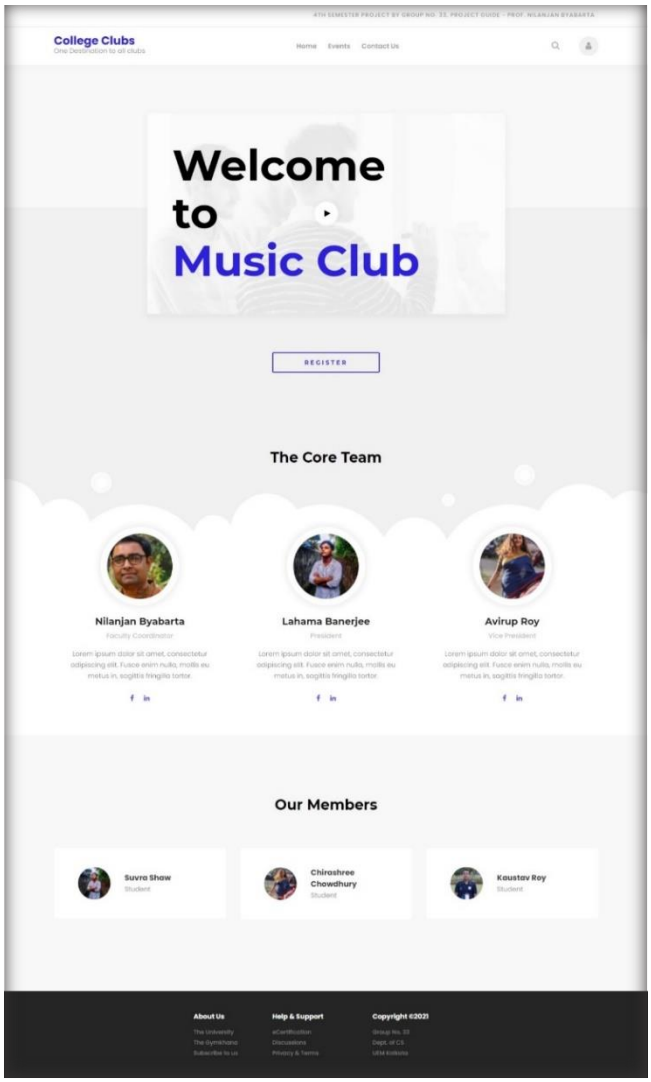

Fig. 05 – Individual Club's Page

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.

VII. Acknowledgemnt

We would like to take this opportunity to thank everyone whose cooperation and encouragement throughout the ongoing course of this project remains invaluable to us.

We are sincerely grateful to our guide Prof. Nilanjan Byabarta of the Department of Computer Science, UEM, Kolkata, for his wisdom, guidance and inspiration that helped us to go through with this project and take it to where it stands now.

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Last but not the least, we would like to extend our warm regards to our families and peers who have kept supporting us and always had faith in our work.

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