

CU – Event Management System

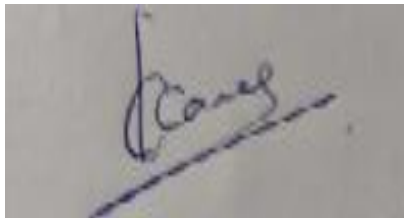
Submitted in partial fulfillment of the requirements for the award of degree of

BACHELOR OF ENGINEERING IN COMPUTER SCIENCE & ENGINEERING



Submitted to:
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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PROJECT SYNOPSIS

Introduction:

Basically students of Chandigarh University have been facing some issues regarding to various technical and non-technical events which are usually held in the university. The issue that they are facing is that they are not provided with a platform where they can see all the updates regarding current ongoing and upcoming events in a single platform. So If a student wants to participate in the event then it becomes tedious for him to get all the information of that particular event in terms of its last date of registration, evaluation criteria, eligibility details, etc. and much more.

Till now, all these type of information on events are provided on WhatsApp groups of different classes and what happens basically in the groups, students who are active that time on WhatsApp asks their queries related to the event and some asks related to other topics with teachers and so much of spam in the groups, the information of event which was shared in the group of event gets scrolled up in the WhatsApp group, and students who later come active on the group cannot find information of that event and this way many students miss to participate in the event.

Those students who participates in various events if wants to make an online record to track his status can't do so because there is no such platform which keeps records of students participating in the events. Suppose students who takes part in various online coding competitions, wants to know how much score he/she has achieved to improve his coding skills, so there should be a platform which can track record of all such status.

So to resolve all the above issues and much more, we came with a platform name Chandigarh University Event Management System or CU-Event Management System or CU-EMS. This project named CU-Event Management System, is a web page initially for students of Chandigarh University for getting them notified about all competitions, current ongoing and upcoming events held in college and outside college which are technical and non technical and it can be of

any field. Most of you may be familiar with such sites like sarkariresult.com, codingninjas.com, code chef etc. and many more which we think most of us had used, basically it is similar to it.

All the notifications about events will be updated in the page and students can also see timer for the events so that they can come to know when it will be held. All the information regarding events like last date of registration, eligibility details, any fees for participation, etc. and all other important information regarding that event will be mentioned on that site. Also, not only events which are held in Chandigarh University are held, but other event like Google Hash code, Kickstart, Technical Scripter Event, dancing competitions state-levels, country-level etc. all events of any field will be notified about the event.

Also competitions will be categorized on the basis of beginner, expert, advanced and will also categorized on the basis of your academic year. Students can take part in any of these, irrespective of the categories, but we have done such divisions as suppose there is a beginner who is in 1st year and recently started coding so AI chatbots will help such students to navigate throughout the website and will suggests him beginner level competitions which will help him to grab coding and get familiar with coding environment and be friendly with it. After he had grabbed his hold on coding he will be further stepping towards expert competitions.

Also, students those who want to track their scores in past events, all such things will be included in the website. Students can get all their past records of events in which they had participated, and college can also track their students records that how he/she is performing and whether he/she is improving or not and can pay more attention on students.

Main aim of this project to link it with college official information management site, and then on that page teachers, organizations and admins can post events and competition on that page by which it become easier for student to get notified and the for admins it become easier to manage records.

Feasibility Study:

CU-Event Management System is a web page initially for students of Chandigarh University for getting them notified about all competitions and events held in college and outside college which are technical and non-technical. Most of you may be familiar with site like sarkariresult.com which I think most of us had used, basically it is similar to it. Main aim of this project to link it with college official information management site, and then on that page teachers, organizations and admins can post events and competition on that page by which it become easier for student to get notified and the for admins it become easier to manage records.

As a student point of view we are creating this project, when there is any event in university student get to know either physically in class or by WhatsApp. So, we come up with idea of showing all the ongoing and upcoming events in single place by which any student can access all the events of the university in single place.

For admin or organizers, it will be easier to reach up with the audience they can easily upload any event in our website and by which student can easily access it.

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Those students who participates in various events if wants to make an online record to track his status can't do so because there is no such platform which keeps records of students participating in the events. Suppose students who takes part in various online coding competitions, wants to know how much score he/she has achieved to improve his coding skills, so there should be a platform which can track record of all such status.

Methodology / Planning of work :

1. First of all a logo will be designed for the webpage in such a way that by seeing the logo, anybody can get a basic idea about the project what it is for.
2. Second, a structure of the website will be decided. Like the page will be divided in how many sections including About, Events, Contact, etc. and all orientation and architecture will be decided.
3. Then, we will begin executing the front-end part that is developing the webpages using HTML, CSS and JavaScript.
4. After the front-end part is completed we will work on back-end part of the website in the contact section and sign-up section for admins and students. We have to work on database.
5. Then we'll develop two interfaces, one for admin and another for student.
6. Admin can post upcoming events which are going to be held inside and outside the college through our database.
7. Students who will participate in the events have to fill a form and their status will be updated in the website. After the events have ended students can see their past record so of events.
8. Now since the website is completed, we will make a
9. chatbot which will guide beginners to navigate throughout the website and suggests them about events in their selected fields on the basis of their academic year and toughness level of the event.
10. When all the above things will be executed, then our project will be completed.
11. Later, if we got any feedback or we found any improvement can be done we'll improve it and website will be updated time to time with new technologies and with every updates, new features will be included which will make student life easy and also for college to manage events in upcoming future.

Module & Team Member wise Distribution of work :

Harshit Srivastava, 19BCS1142, CSE 2-A

- He is working as website developer for the project.
- He has made front-end part of website and now working on back-end part including database which will keep all login records of students and admin and the database will also keep all the records of past events like student's score etc. and admins will get access to post new events through our database.
- Documentation

Tanmay Tripathi, 19BCS1120, CSE 1-C (Leader)

- Designing logo for website.
- Working on Bot for website
- Documentation

Innovations in Project:

1. Bot is a new innovation for the project it makes easier for student to find the suitable project for them according to their interests also it shows them their achievements and also the events they have participated.
2. The records of student are also maintained in our website those who have participated in the events which make easier for organizers to get this detail in Single place.
3. Students will also get notified in email and contact when they have participated in any event and which help them to keep notified about project.

Software and Hardware Requirements:

Software Requirements:

VS Code has been tested on the following platforms:

- OS X Yosemite (10.10+)
- Windows 7 (with .NET Framework 4.5.2), 8.0, 8.1 and 10 (32-bit and 64-bit)
- Linux (Debian): Ubuntu Desktop 16.04, Debian 9
- Linux (Red Hat): Red Hat Enterprise Linux 7, CentOS 8, Fedora 24

Additional Windows requirements

- Microsoft .NET Framework 4.5.2 is required for VS Code. If you are using Windows 7, please make sure .NET Framework 4.5.2 is installed.

Additional Linux requirements

- GLIBCXX version 3.4.21 or later
- GLIBC version 2.15 or later

Hardware Requirements:

Visual Studio Code is a small download (< 100 MB) and has a disk footprint of 200 MB. VS Code is lightweight and should easily run on today's hardware.

- 1.6 GHz or faster processor
- 1 GB of RAM

Bibliography:

- <https://www.w3schools.com/>
- <https://www.udemy.com/course/web-development-masterclass-complete-certificate-course/learn/lecture/5772948#overview>
- <https://www.coursera.org/learn/duke-programming-web/home/welcome>
- https://www.youtube.com/playlist?list=PLu0W_9lII9agiCUZYRsvtGTxdxkzPyItg