Title : College Event Management System

Submitted in partial fulfilment of the requirements

of the degree of

Bachelor of Engineering in

Information Technology

by

Student Name(s)

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under the guidance of

: Ms. Bincy Ivin

Name of Guide: Ms. Bincy Ivin

Department of Information Technology

Vivekanand Education Society's Institute of Technology

2023-2024

Department of Information Technology

CERTIFICATE

This is to certify that **Mr. Manav Jawrani (19), Ms. Bhavya Kurup(33) ,Mr. Doulat Lalwani(34), Ms. Samartha Rayguru (59)** of Fourth Year Information Technology studying under the University of Mumbai have satisfactorily presented the Mini Project entitled **"College Event Management System"** as a part of the ROSPL Lab for **Semester-7** under the guidance of **Ms. Bincy Ivin** in the year 2023-2024.

Date:

(Name and signature)   (Name and signature)
Head of Department   Supervisor/Guide

Project Report Approval for

B. E (Information Technology)

This ROSPLt report entitled "**College Event Manafement**" by "**Mr. Manav Jawrani (19), Ms. Bhavya Kurup(33) ,Mr. Doulat Lalwani(34), Ms. Samartha Rayguru (59**" is approved for the degree of   Bachelors in Information Technology.

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(Name)

Internal Examiner

_____

(Name)

External Examiner

_____

Hcad of the Department

Dr. (Mrs) Shalu Chopra

_____

Principal

Dr. (Mrs) J.M.Nair

Department of Information Technology

DECLARATION

We, **Mr. Manav Jawrani (19), Ms. Bhavya Kurup(33) ,Mr. Doulat Lalwani(34), Ms. Samartha Rayguru (59** from *D20A*, declare that this project represents our ideas in our own words without plagiarism and wherever others' ideas or words have been included, we have adequately cited and referenced the original sources.

We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our project work.

We understand that any violation of the above will be cause for disciplinary action by the Institute.

Yours Faithfully

1._____

2._____

3. _____

4. _____

(Name & Signature of Students with Date)

Acknowledgement

We are thankful to our college Vivekanand Education Society's Institute of Technology for considering our project and extending help at all stages needed during our work of collecting information regarding the project.

It gives us immense pleasure to express our deep and sincere gratitude to Assistant Professor **Ms. Bincy Ivin** for her kind help and valuable advice during the development of project synopsis and for her guidance and suggestions.

We are deeply indebted to Head of the Information Technology Department **Dr.(Mrs.) Shalu Chopra** and our Principal **Dr. (Mrs.) J.M. Nair** for giving us this valuable opportunity to do this project.

We express our hearty thanks to them for their assistance without which it would have been difficult in finishing this project synopsis and project review successfully.

We convey our deep sense of gratitude to all teaching and non-teaching staff for their constant encouragement, support and selfless help throughout the project work. It is a great pleasure to acknowledge the help and suggestion, which we received from the Department of Information Technology..

We wish to express our profound thanks to all those who helped us in gathering information about the project. Our families too have provided moral support and encouragement several times.

Vivekanand Education Society's
Institute of Technology
(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

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1. Introduction

1.1 Introduction

In this project, we are going to build a College Event Management system that will keep a track of all the data of the events and the registered students of the college who are actively participating in events.

- Events play an important role in our society. Any happening or an activity can be referred as an event. In the current scenario, planning an event requires a lot of patience and hustle-bustle.
- In order to manage such issues we require an easy-to-1 app that will help in effectively tracking such problems.
- In this project, we are going to build a Web Page Application in order to manage the activities and events which takes place in the campus. All the on-going and the incoming activities will be displayed on the application.
- The Participants will have an idea of all the activities going around the bush and the links for registering for them will be available for the same.

1.2. Problem Statement

- Every Organization, whether big or small, has challenges to overcome and managing the every event.
- Management System has different event needs, so we design exclusive Event Management System.
- This will help manage various events conducted by different societies of our college, display date,time,venue of every event and help the students to register for their interested events easily and more conveniently from their very own devices.

1.3. Objectives of the project

The project involves a basic management portal frontend for smooth access of adding, updating, deleting events and the users will be allowed to register with a unique ID.

- All the events which are being organised on the college campus will be displayed on the web application
- This is designed to assist in strategic planning and it will help to ensure that our organization is equipped with the right level of information and details.
- Feedback form after every event will be given in the portal which will act as an attendance link as well.

1.4. Functionalities

- Individual Council/Societies (Admins) will be allowed to add, update, delete the event and provide the necessary information about the same.
- Students will be provided with a Unique ID while registration and so they can register in any event with just a single click.
- A list of all the registered students will be provided by the system to the respective admins.

1.5. Scope

We can take this portal to industrial levels by introducing a proper feedback window where the registrants can drop their suggestions and comments about the event.
The college can also analyze the registration data by building an ML model and analysing the trending events and thus working towards it.

2. Literature Survey

2.1 Survey of Existing System

Abstract:

The College activity management system is used to maintain college activities like fest, farewell and annual day celebrations, workshops etc. it provides information on placements, maintains student attendance, provides information on faculty, it also provides college information, and it maintains, branch details, sports details, also provides college achievements. The core idea of this project is to implement web based application for advancement of institution and educational system. The application will be used by students, admins of various councils.

2.2 Limitation Existing System or Research Gap

In the previous system, the various council/societies had to struggle a lot to notify about their event. They had to send whatsapp text messages, emails, and time schedule for every individual event. This made the system more difficult as to keep track of all the events by both the students and admins. With the help of this system, their work is reduced and is made less tedious and more effective as there is a single portal for the entire college wherein the events can be added, deleted, updated and modified.

2.3 Mini Project Contribution

Omkar Chugh (09): Researched python libraries to be used for making drowsiness detection systems and also researched facial landmarks and models. Worked on alarm functioning. Contributed to ppt and project report.

Gaurang Desai (12): Worked on the research of the project topic, contributed to carrying out necessary changes in the code and logic of the project as suggested by the mentor, and tested the working of the project. Made the review PPTs and worked on the logbook.

Samartha Rayguru (59): Worked on Modifications and changes for smooth functioning of the project. Worked on NumPy for the execution of the system and conducted several dry runs. Worked on alarm functioning and working. Contributed in ppt, made Gantt chart, and in the mini project report.

Diya Shah (62): Researched project topic ideas. Contributed to review ppts and logbook. Researched different literature survey reports in IEEE format.
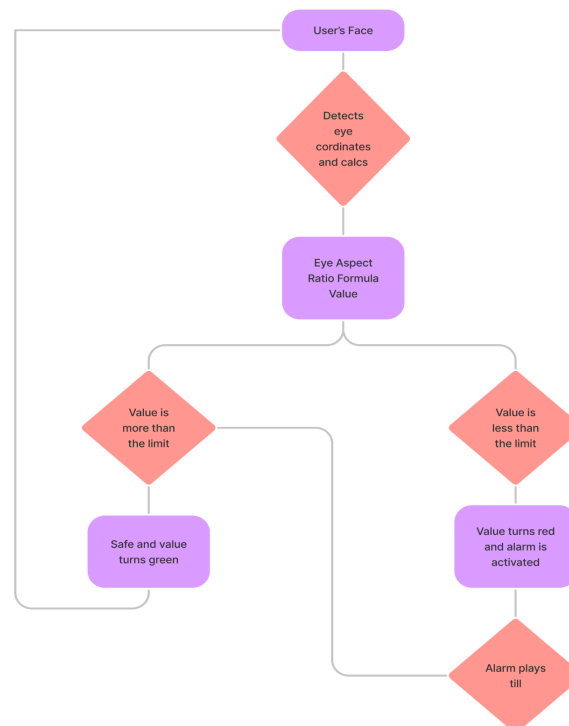
3. Analysis and Design

3.1 Analysis of the system

Minimum Software Requirements

- Front end   : HTML CSS PHP (Along with Javascript)
- XAMPP server application - APACHE AND MYSQL
- Mysqli phpmyadmin database system
- Visual Studio (or similar IDE)

Minimum Hardware Requirements

- Processor   : Pentium IV or higher
- RAM   : 512 MB minimum
- Hard Disk   : 40 GB

3.2 Proposed Solutions (ER Diagram)

3.3 Design of the proposed system

3.3.1 Architecture/ Framework

3.3.2 Algorithm and Process Design

4. Results and Discussion

- We are able to identify user's needs and fulfill them by displaying the filtered results.

- We will be able to implement important concepts of JAVASCRIPT and that any difficult program can be written in a type-safe language.

- We learnt basic concepts of maintaining a user database and updating it regularly as well as inserting and fetching data from different tables by writing sql queries.

5. Conclusion and Future Work

We have a very appealing GUI for al the users in Vesit
- Users are yet to be notified about the event on their respective VES emails .
- The list of registrants for a specific event is yet to be sent to the concerned faculties.

References (in IEEE Format)

[1] https://ieeexplore.ieee.org/document/8662930
[2] https://ieeexplore.ieee.org/document/9676084
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