Team Name: Tech_Connect

Team Members: Anjali Gupta, Suraj Sahani
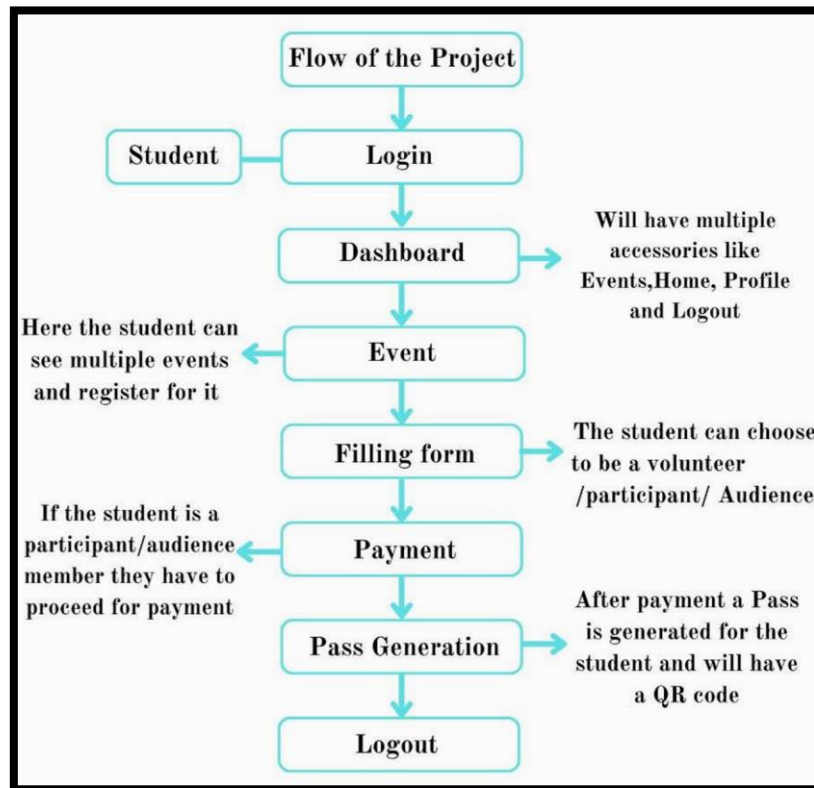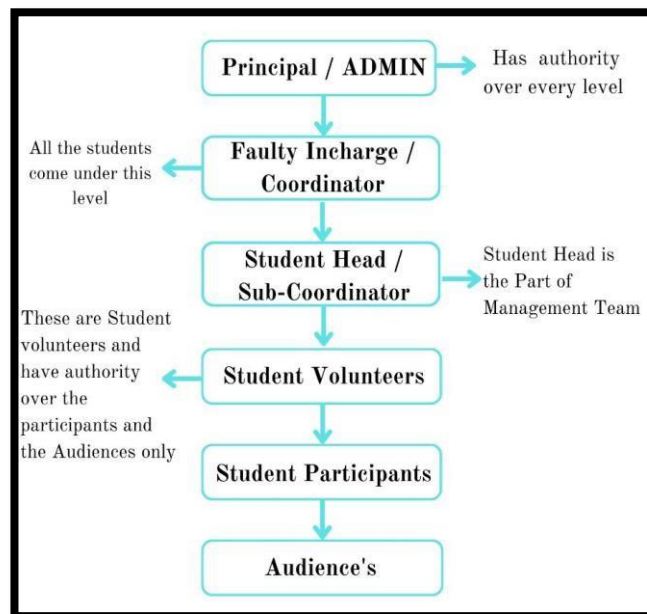
Project: Event4u

INTRODUCTION:

Event4u brings the entire manual process of inter college event management in online mode. This project is built using Html, CSS, Javascript and Django framework. The main purpose of this project is to simplify the process of handling and organizing any event by providing a web interface for admin, Hod, student and coordinator (sub coordinator and main coordinator). The proposal for organizing any event would be created by the sub coordinator (student coordinator) which would be forwarded to the Hod and admin for approval of the event. Main coordinator (faculty) performs task such as taking the attendance of the students who are registered for a particular event. Student interface consist of viewing and getting registered for the event of their choice, pay the event activity fees if applicable and can view all the registered events. Sub coordinator will organize the entire event under the permission of higher authorities.

The website provide online payments with quick and easy payment scheduling and also propose the use of an integrated QR code system for event management to ensure smooth and quick registrations of students. The application also includes the functionality of event reminders and a memories section where all photos related to the events are uploaded eventually. Event4u also provides the money balanced report which states that how the total amount of money is been utilized for organizing the event.
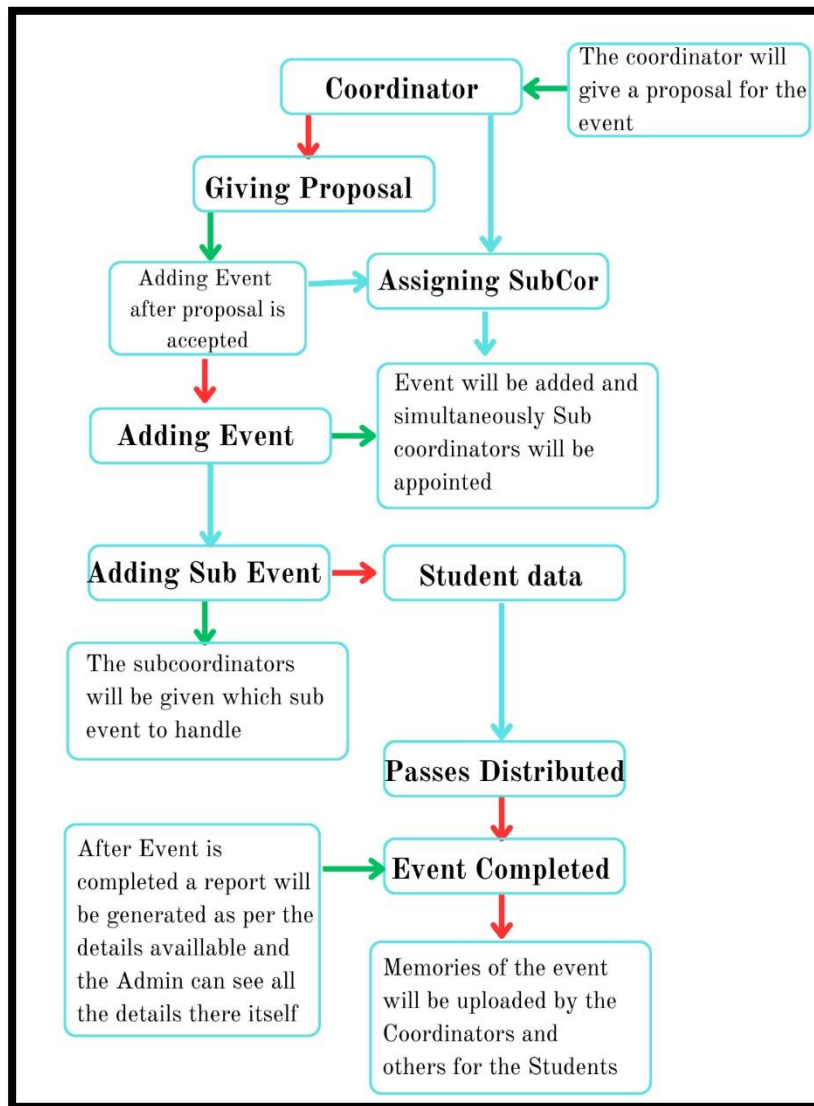
FLOW OF THE PROJECT:

Principal / Admin Panel

Co-Ordinator / Subordinator Panel:

DESIGN DETAILS:

1. User Interface:

The user interface will consist of different panels for different users. There will be a login page where users will enter their login credentials to access their respective panels. The main pages of the application will be:

Principal Panel

HoD Panel

Coordinator Panel

Sub-Coordinator Panel

Student Panel

2. Database:

The application will have a database to store the information related to events, participants, payments, proposals, sub-coordinators, and other data required for the functioning of the application.

3. Functionalities:

The different functionalities of the application are:

- Creation of new events, proposals, sub-coordinators
- Updating of existing events, proposals, sub-coordinators
- Deletion of events, proposals, sub-coordinators
- Sending notifications to participants and coordinators
- Collecting payments from participants and generating passes
- Providing access to upcoming event details to students

4. User Roles and Permissions:

The application will have different user roles with specific permissions for each role. The different user roles and their respective permissions are:

Principal: Can create, view, update, and delete events, proposals, sub-coordinators, and other data. Can send notifications to participants and coordinators.

HoD: Same permissions as Principal.

Coordinator: Can create, view, update, and delete events, proposals, sub-coordinators, and other data assigned to them by Principal or HoD. Can send notifications to participants.

Sub-Coordinator: Can create, view, update, and delete sub-events and other data assigned to them by Coordinator. Can send notifications to participants.

Student: Can view upcoming event details, make payments, and generate passes.

5. Security:

The application will have proper security measures to prevent unauthorized access and ensure data privacy. Users will have to enter their login credentials to access their respective panels. The application will use SSL encryption for secure data transfer.

6. Technology Stack:

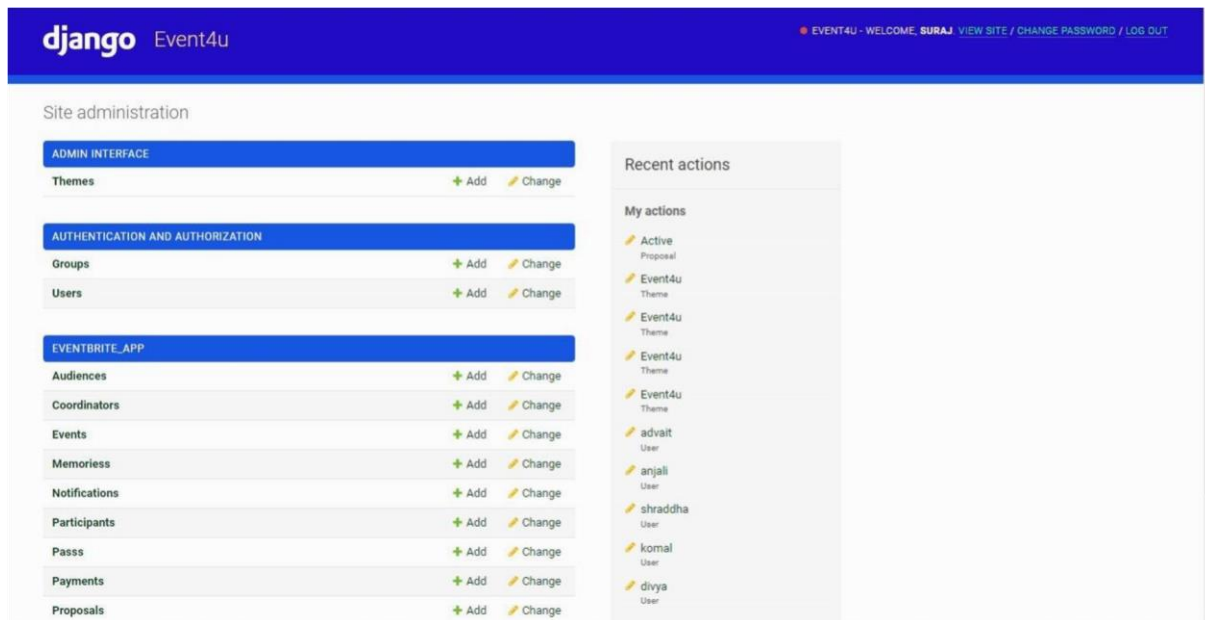The proposed technology stack for Event4u includes:

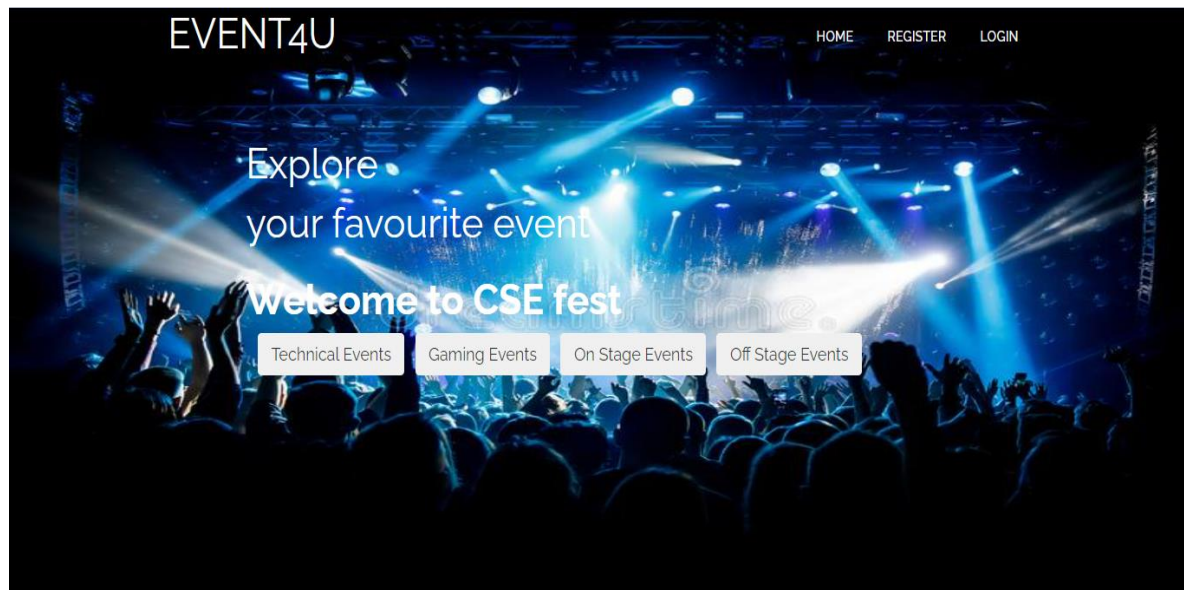Front-end: HTML, CSS, JavaScript, Bootstrap

Back-end: Python (Django Framework)

Database: SQLite3

RESULT ANALYSIS:

Admin Page:

Home Page:

Proposal:

Payment:

Barcode Generation:

Event Report:

STEPS FOR IMPLEMENTING THE PROJECT:

Installation

pip install django

For Window

python manage.py runserver

Usernames and passwords are provided to smoothly check the flow of the project:

1) Principal/ Admin

Username: surajsahani

Password: surajsahani

2) HoD

Username: rajendra

Password: ltcoe@123

3) Coordinator

Username: advait

Password: ltcoe@123

4) Subcoordinator

Username: anjali

Password: ltcoe@123

5) Subcoordinator

Username: shraddha

Password: ltcoe@123