PLACEMENT FULLSTACK PROJECT
IIC Data Management (EVENT MANAGEMENT)

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Module name: **IIC Data Management**

Project ID : **32**

Seat_number: **312**

Technical Components:

- Frontend   -   HTML,CSS,JS
- Backend   -   Django
- Database   -   MySQL
- API   -   Open API

Problem statement:

Inefficient event management processes within college environments often lead to disorganization, missed deadlines, and lack of accountability. Current systems often lack the necessary features to streamline event creation, assignment, and review processes, resulting in communication gaps and delays. There is a pressing need for a comprehensive event management system that caters to the specific requirements of colleges, offering user-friendly interfaces for admins, users, and reviewers. This system should facilitate seamless event creation, clear assignment of responsibilities, structured submission processes, and robust review mechanisms. Additionally, there is a demand for features such as self-driven event creation and comprehensive reporting to enhance autonomy and accountability within the system. Addressing these challenges is paramount to improving efficiency, transparency, and collaboration in college event management

Purpose of the project:

The purpose of this project is to develop a sophisticated event management system tailored specifically for college environments. By creating a centralized platform with distinct functionalities for administrators, users, and reviewers, the

project aims to streamline the entire event lifecycle, from creation to execution. The system seeks to address common challenges such as disorganization, communication gaps, and lack of accountability by providing intuitive interfaces and structured workflows. Key objectives include facilitating efficient event creation and assignment, implementing robust submission and review processes, enabling users to initiate self-driven events, and generating comprehensive reports for analysis and documentation. Ultimately, the purpose is to enhance efficiency, transparency, and collaboration in college event management, thereby improving the overall experience for organizers, participants, and stakeholders alike.

Project Flow:

1.Homepage and Navigation:

- The homepage features a navigation bar with options: TBI, Startup, EDC, IIC Activities.
- Upon login, users are directed to the homepage, where they can access different sections based on their role.

2.User Roles and Dashboards:

- Admin Dashboard: Admins have access to manage events, users, and reviewers.
- User Dashboard: Users view assigned events, submit event details, and track progress.
- Reviewer Dashboard: Reviewers review user submissions and provide feedback.

3.Event Creation and Assignment:

- Admins create events and assign them to specific users. Events are categorized under Calendar, MIC, Celebration, and Self-Driven.
- Users receive notifications and view assigned events in their dashboard.

4.User Interaction and Review Process:

- Users complete Stage 1 by providing event details (objectives, outcomes, brochures, tentative dates) and submit for review.
- Reviewers evaluate Stage 1 submissions, provide feedback, and either accept or reject.
- If rejected, users make corrections and resubmit. If accepted, users proceed to Stage 2.
- Stage 2 involves providing additional details (photos, video links, attendance, schedule, guest details) for review.

5.Self-Driven Events:

- Users can initiate self-driven events, complete Stage 1 and 2, and undergo the same review process.

6.Dashboard Functionality:

- Dashboards display event details, submission statuses, and reviewer feedback.
- Admins can view all user submissions, track reviewer performance, and download final reports.

6.Integration with Event Pages:

- Events created, assigned, and reviewed are displayed on respective event pages (Calendar, MIC, Celebration, Self-Driven).
- Event pages showcase event details and submission/review statuses.

7.Statistics and Reporting:

- Dashboards include statistics on user and reviewer activity, submission statuses, and event completion rates.

- Admins generate final reports consolidating all event details for documentation and analysis.

Based on this analysis, the project flow can be summarized as follows:

- User registration and login.
- Access the homepage and navigate to different sections.
- Admin creates and assigns events; users complete event stages.
- Reviewers evaluate submissions; users make corrections if necessary.
- Admins monitor submissions, reviewer performance, and download final reports.
- Events and submissions are displayed on respective event pages.
- Dashboard statistics provide insights into user and reviewer activity.

Functional Requirements:

1.User Registration and Authentication:

- Users should be able to register with the system by providing necessary details (e.g., email, password) and authenticate themselves to access the system.

2.Role-Based Access Control:

- The system should differentiate between administrators, regular users, and reviewers, granting appropriate access permissions and functionality based on their roles.

3.Homepage and Navigation:

- The homepage should feature a navigation bar with links to different sections, including TBI, Startup, EDC, and IIC Activities, providing easy access to relevant information and functionalities.

4.Admin Functionality:

- Admins should have the ability to create, update, and delete events.
- Admins should be able to assign events to specific users and reviewers.
- Admins should have access to view and manage user submissions and reviewer feedback.

5.User Functionality:

- Users should be able to view assigned events on their dashboard.
- Users should complete Stage 1 and Stage 2 of event submissions, providing necessary details and materials.
- Users should be able to track the status of their submissions and receive notifications regarding approval or rejection.

6.Reviewer Functionality:

- Reviewers should have access to review user submissions, provide feedback, and either accept or reject submissions.
- Reviewers should be able to track their assigned submissions and provide timely feedback to users.

7.Event Management:

- The system should support different types of events, including Calendar, MIC, Celebration, and Self-Driven.
- Events should be categorized and displayed on respective event pages.
- Users should be able to initiate self-driven events and complete the submission process.

8.Submission Workflow:

- The submission process should involve multiple stages, with Stage 1 requiring users to provide event details and Stage 2 involving additional materials and details.
- Submissions should undergo review by designated reviewers, with the ability for users to make corrections and resubmit if necessary.

9.Dashboard and Reporting:

- Dashboards for admins, users, and reviewers should display relevant information such as assigned events, submission statuses, and reviewer feedback.
- Admins should have access to generate final reports consolidating event details, submissions, and reviewer feedback for documentation and analysis purposes.

10.Integration and Tracking:

- The system should integrate event submissions and assignments with respective event pages, providing visibility and tracking for all stakeholders.
- User interactions, reviewer actions, and event progress should be logged and tracked for analysis and monitoring purposes.

Flow chart:

Flow chart showing the following nodes and connections:

- **Home Page** connects to **Navigation Bar** and branches down.
- **Navigation Bar** connects to: **TBI**, **Startup**, **EDC**, **IIC Activities**.
- **Startup** → **Calendar Event**
- **EDC** → **EDC Event**
- **IIC Activities** → **Committee Event**
- branch → **Self Driven Event**
- **Home Page** → **User Page** and **Admin Page**
- **Admin Page** → **Admin Dashboard** → **Create Event** (Assign to)
- **User Page** → **User Dashboard**
- **User Dashboard** → **Self Driven Event** → **Stage 1**
- **Create Event** → (Assign to) → **Create Event** → (Assign to) → (Assign to)
- **Stage 1** → **Is Stage 1 approved?**
  - **No** → **Re-submit Stage 1**
  - **Yes** → **Stage 2** → **Display Stage 1 Details** → **Edit Brochure and Date** → **Submit Stage 2**
- **Submit Stage 2** → **Reviewer Dashboard**
- **Re-submit Stage 1** → **Reviewer Dashboard**
- **Reviewer Page** → **Reviewer Dashboard**
- **Reviewer Dashboard** connects to: **View User Responses**, **Download Final Report**, **View Reviewer Dashboards**, **Track Performance**