



BANNARI AMMAN

INSTITUTE OF TECHNOLOGY

Autonomous Institution, Accredited by NAAC With 'A' Grade

Student Name	NAVEENA D
Seat No	360
Project ID	40
Project Title	Group Discussion Slot Booking System

Technical Components

Component	Technology Stack
Frontend	React
Backend	Spring boot
Database	MySQL
API	OpenAPI

Implementation Timeline

Phase	Deadline	Status	Stages
Stage 1	05.05.2024	Approved ▾	Planning and requirement gathering
Stage 2	21.08.2024	Approved ▾	Design and UI/UX Prototyping
Stage 3	26.09.2024	Approved ▾	Database Design and Implementation
Stage 4	24.10.2024	Under review ▾	Backend Development
Stage 5		Not started ▾	Integration and Testing
Stage 6		Not started ▾	Deployment

PROJECT DESCRIPTION

This software system will serve as a portal to organize and manage various events like group discussion, self introduction, mock interview and resume correction. The portal will have two interfaces: an admin interface and a user interface. The admin can organize various events for the required batch and track the total registration. The user can book slots for the ongoing events on their preferred date, time and venue using the portal.

SCOPE OF THE PROJECT

Administrators have the ability to create new events with details such as event name, date, time and venue for all four years and keep track of the completed events. They can view and manage ongoing events and upcoming events including editing venue and faculty details. Admins can also monitor the total registration of the event. They can also specifically view the students' absentees in detail.

Users can use the system to book available slots for the events that are open for registration and get updated about the upcoming events and performance in each event. All the updates will be notified through emails.

FEATURES

User Authentication:

- Secure login using Google OAuth.

Admin Interface :

Event creation:

- Create new events with details such as event name, description, date, time, and capacity.
- Set the registration start and end dates for each event.
- Specify the number of available slots for each event.

Event management:

- View a list of ongoing and upcoming events.
- Edit event details (name, venue, date, time, faculty) as needed.
- Track the number of completed events of all the four years.
- Mark events as completed or canceled.

- Update students performance and remarks after event completion.

Registration tracking

- Monitor the total number of registrations for each event.
- View registered students details and filter the students who have not registered.

User Interface :

Event overview:

- View a summary of completed events, including event details and personal performance (if applicable).
- View details of ongoing and upcoming events, such as event name, date, time, and available slots.

Slot booking:

- Book available slots for events that are ongoing.
- View booked slots and event details.
- Upon successful booking, the student will receive a confirmation email or notification with the details of the booked slot. Automated reminders can be sent to students prior to their scheduled GD session.

Performance tracking:

- View performance in each event, including scores, feedback, or any other relevant data.
- Track progress over time and identify areas for improvement.

WORKFLOW:

Admin Flow:

- The admin logs into the admin portal using the login page.
- The admin creates a new event by providing event details (event name, venue, date, time, faculty, registration period).
- Event data is stored in the database.
- The admin can view and manage ongoing and upcoming events, edit event details, and monitor registrations and also absentees details.
- The admin can track the total number of registrations for each event.

User (Student) Flow:

- The user logs into the student portal using the login page.

- The user can view summaries of completed events and performance data.
- The user can view details of ongoing and upcoming events, including available slots.
- The user can book available slots for events that are ongoing.
- Booked slot data is stored in the database, and the available slots count is updated accordingly.
- The user can view booked slots and event details.

FLOWCHART:

