

Campus Event Organizer Platform

ISTE 240 – PROJECT Phase 1

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Introduction

- Campus Event Organizer Platform is a centralized web-based system
- Designed to bring all university events into one accessible platform
- Helps students easily discover, track, and register for campus events
- Allows clubs and organizers to efficiently manage and promote events
- Reduces missed events and improves student engagement on campus

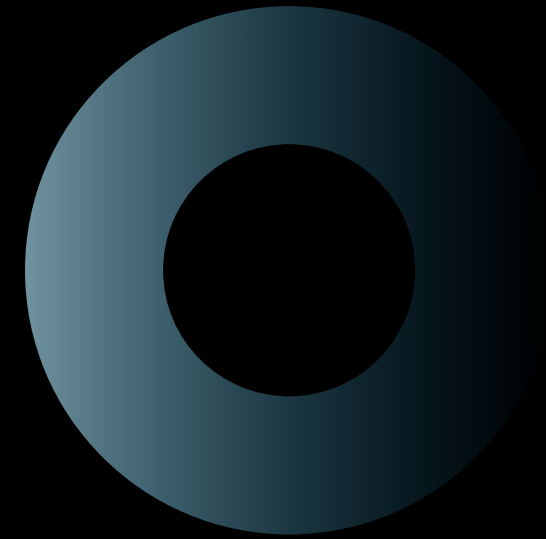


Problem

- Campus events are currently scattered across emails, posters, and social media
- Students often miss events due to lack of centralized information
- Manual or external registration systems are inefficient and confusing
- Event organizers struggle to reach a wider student audience
- No unified system to track participation and engagement



Key Features



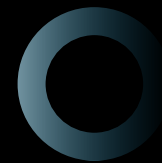
Login system for students and event organizers



Event creation, editing and deleting by organizers



Event registration and booking system for students



Track registered and attended events



Centralized event listing with detailed event information



Filtering options by category and date for easier navigation



User Interaction

- Students create an account and log into the platform
- Students explore events and register for those of interest
- Registered events are stored in the student's profile
- Organizers log in to create and manage event details
- Users can view upcoming and past events from their dashboard



Implementation

- Frontend developed using HTML, CSS, JavaScript, and Bootstrap
- Backend built using Java Spring Boot
- MySQL database used to store users, events, and registrations
- GitHub used for collaboration
- Development tools include IntelliJ IDEA and MySQL Workbench



Challenges

- Managing multiple user roles (students, organizers, admins)
- Ensuring secure access and permissions for each role
- Maintaining fast performance with large numbers of events
- Designing efficient database queries for filtering and dashboards