

Project Idea

I wanted to create a simple system where students and staff can check out upcoming events on campus. The site lets anyone browse events, while logged in users can post and manage events of their own. Admins get full control over everything behind the scenes. The whole project is meant to turn the midterm idea into a more complete web app with a real database, user accounts, and working forms. It is basically a small content management system focused on campus activities.

ERD Overview

Tables and Relationships

Events

- Stores all event info like title, date, category, organizer and creator
- Links to categories and organizers
- Connected to the user or admin who created it

Users

- Stores login info for regular users

Admins

- Stores login info for administrators

Categories

- Used to label events

Organizers

- Used for clubs, groups and departments that run events

Contact Messages

- Stores messages sent through the public contact form

This setup keeps everything organized and follows a normalized structure.

Team Contribution

This project was fully completed by me.

I handled everything including:

- planning the app
- setting up the database
- creating the ERD
- coding the repositories and authentication
- building the user dashboard
- building the admin dashboard
- connecting all the forms
- improving the layout with Bootstrap
- writing the final documentation and report