MYSORE UNIVERSITY SCHOOL OF ENGINEERING

Manasagangotri campus, Mysuru-570006
(Approved by AICTE, New Delhi)

UNIVERSITY OF MYSORE

FullStack Development assignment Report

On

" Event Registration System"(Additional Project)

Submitted By

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Event Registration

Q2. Build an Event Registration System using Django

• Users can register for events by filling out a form.

• The form should include fields such as name, email, phone number, and event name.

• Store the registered participants in a database, and use Django Admin to manage event registrations.

• Display the list of registered participants using Django's ListView, and allow event organizers (admin) to approve or reject a registration.

• Implement reverse_lazy() to redirect users to a success page after submission.

Introduction

Event management is key to organizing successful events. This Django-based Event Registration System allows users to register by filling out a form with their details. The system stores registrations in a database for easy tracking and management. Event organizers can approve or reject registrations through the Admin Panel.

1. Project Setup

- Install required software: Python, Django, Git.
- Create a new Django project and application.
- Configure the project settings, including installed apps and database settings.
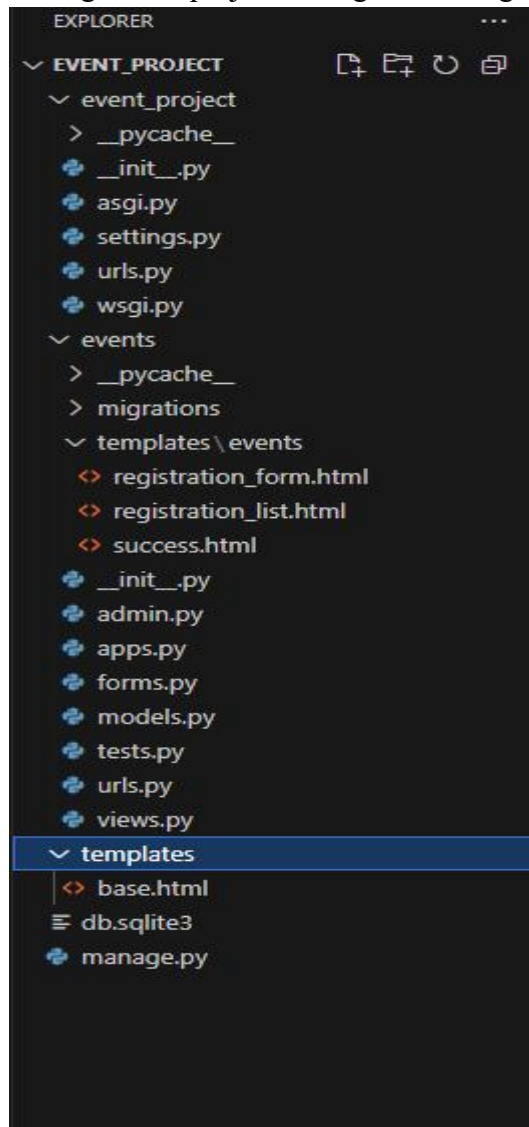
2. Database and Models

- Define models for **Event** and **Registration**.
- Establish relationships between models (ForeignKey).
- Apply database migrations to create tables.

3. Forms and Views

- Create Django forms for event registration.
- Implement views for creating and listing registrations.
- Use Django class-based views (CBVs) for efficiency.

4. Templates and UI

- Create an HTML structure for the registration form.
- Use Bootstrap for styling.
- Create a base template for reusability.

5. URL Configuration

- Define URLs for registration, event listing, and admin actions.
- Implement Django's URL routing.

6. Admin and Authentication

- Register models in Django Admin.
- Restrict access to certain views for staff members.
- Implement approval/rejection for event registrations.

7. GitHub Integration

- Initialize Git repository.
- Create a remote repository on GitHub.
- Push the project to GitHub.

8. Testing and Deployment

- Test form submissions and database updates.
- Deploy to a cloud platform (if required).

1. Event Registration Form

2. Event Registration Success

3.
4.
5.
6.
7.
8.
9.
10.
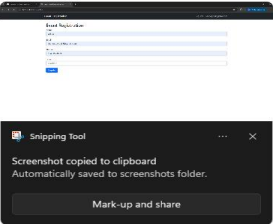
3. Adding Events
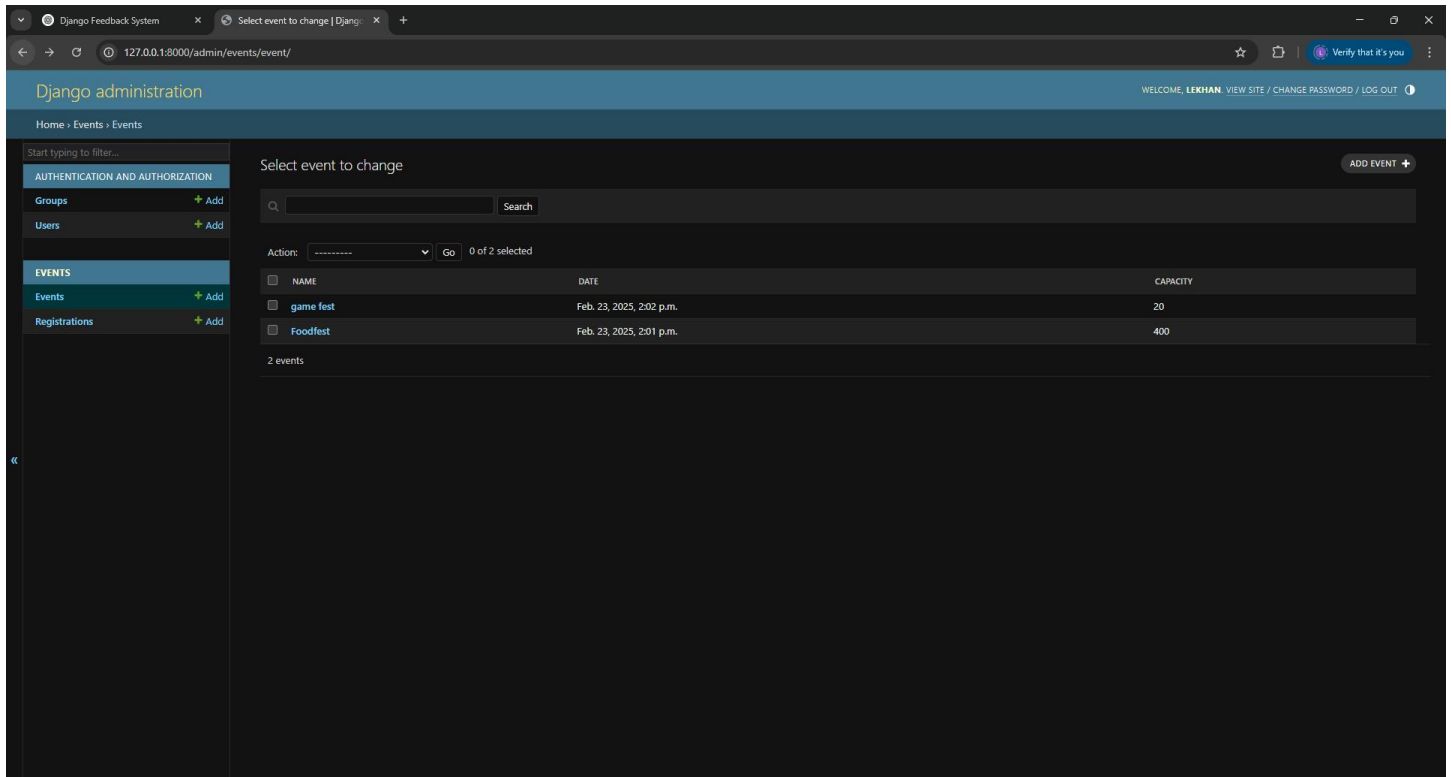
4. List Of Registration Done