



MYSORE UNIVERSITY SCHOOL OF ENGINEERING

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



UNIVERSITY OF MYSORE

Assignment(21CD71,FullStack Development) Report

On

“Build an Event Registration System using Django”

Submitted By

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Event Registration

Q2. Build an Event Registration System using Django

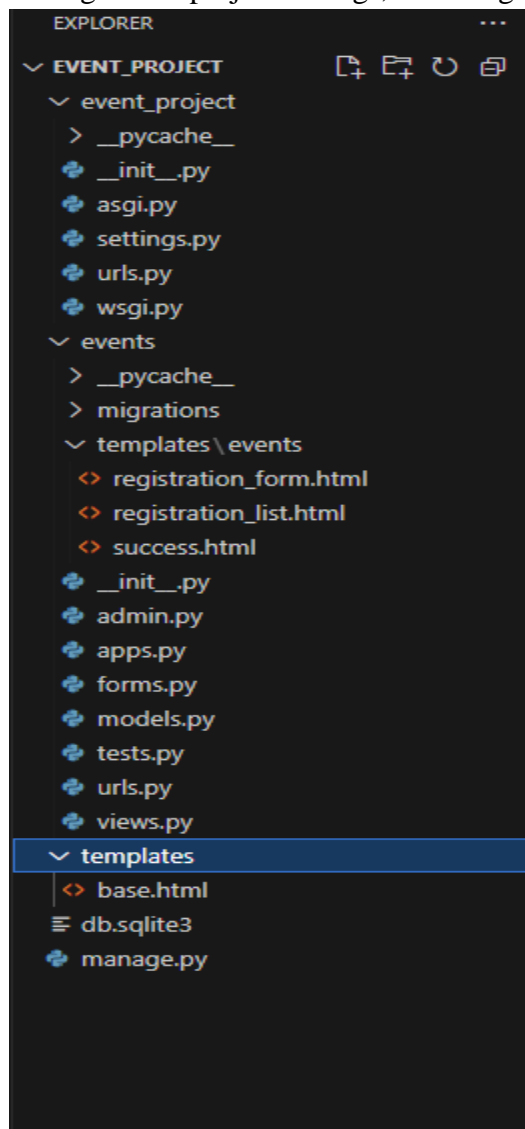
- Users can register for events by filling out a form.
- The form should include fields such as name, email, phone number, and event name.
- Store the registered participants in a database, and use Django Admin to manage event registrations.
- Display the list of registered participants using Django's 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.
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4. Templates and UI

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

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

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

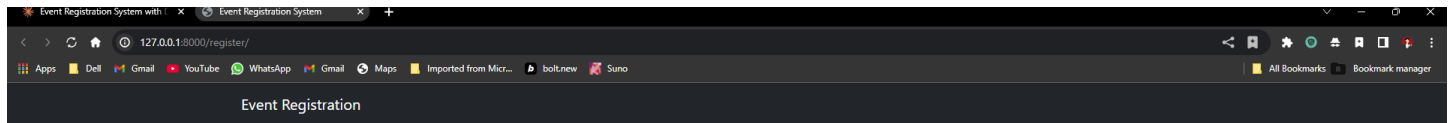
7. GitHub Integration

- Initialize Git repository.
 - Create a remote repository on GitHub.
 - Push the project to GitHub.
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8. Testing and Deployment

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

1. Event Registration Form



Event Registration

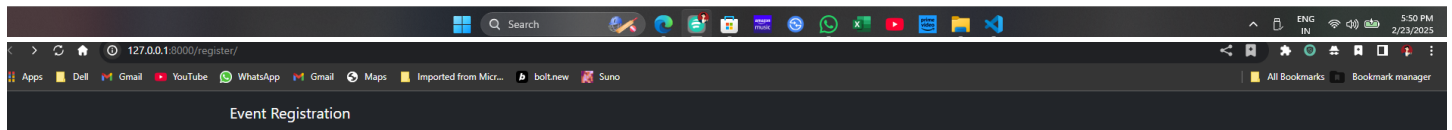
Name:

Email:

Phone:

Event:

[Register](#)



Event Registration

Name:

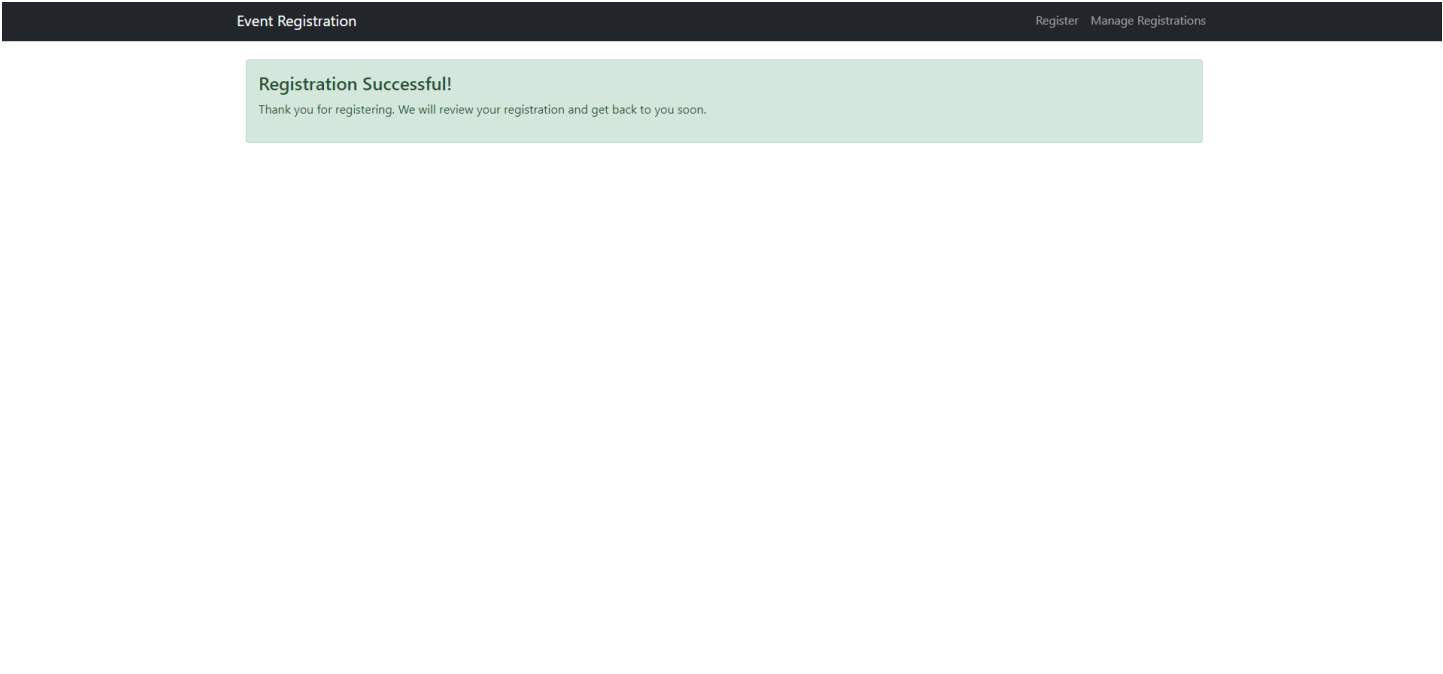
Email:

Phone:

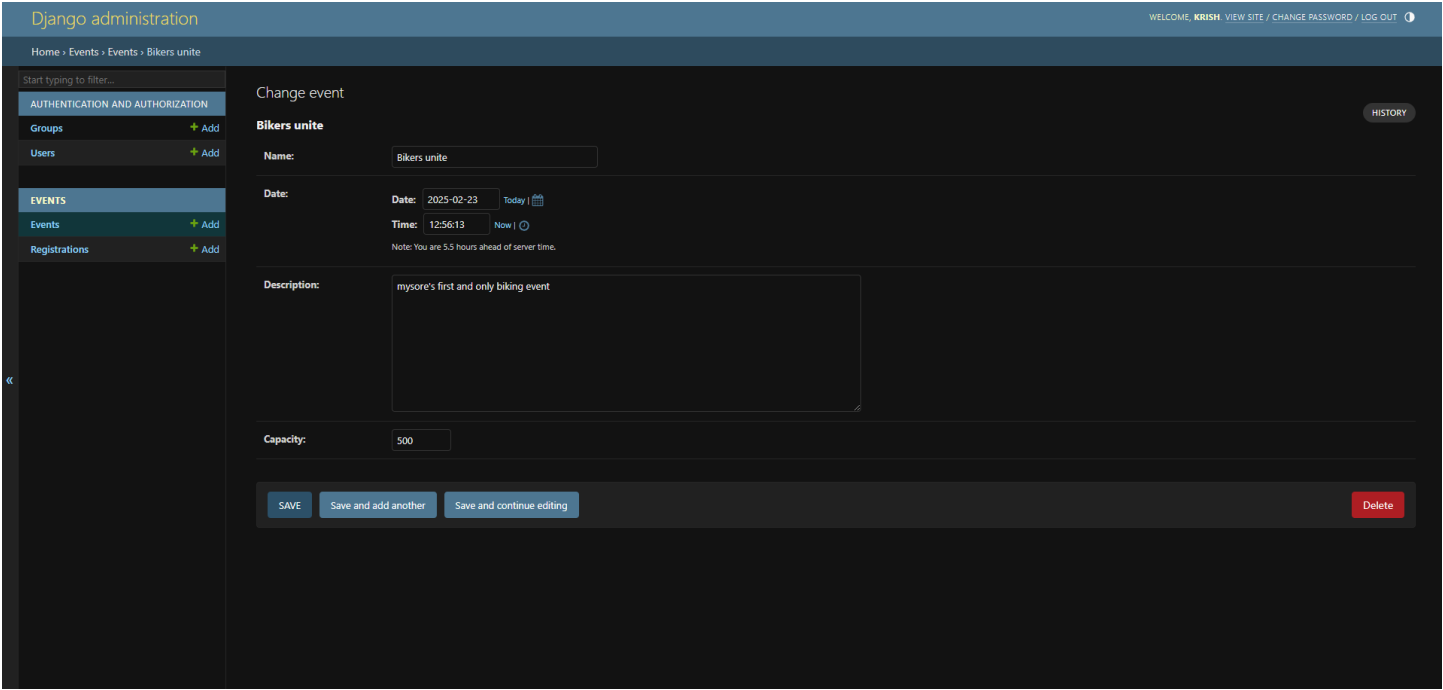
Event:

[Register](#)

2. Event Registration Success Page



3. Adding Events



4.List Of Events

Django administration

WELCOME, KRISH / VIEW SITE / CHANGE PASSWORD / LOG OUT

Home > Events > Events

Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

Groups + Add

Users + Add

EVENTS

Events + Add

Registrations + Add

Select event to change

ADD EVENT +

Search

Action: ----- Go 0 of 2 selected

NAME	DATE	CAPACITY
<input type="checkbox"/> WMD	Feb. 23, 2025, 12:57 p.m.	1000
<input type="checkbox"/> Bikers unite	Feb. 23, 2025, 12:56 p.m.	500

2 events

5. List Of Registration Done

Django administration

WELCOME, KRISH / VIEW SITE / CHANGE PASSWORD / LOG OUT

Home > Events > Registrations

Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

Groups + Add

Users + Add

EVENTS

Events + Add

Registrations + Add

Select registration to change

ADD REGISTRATION +

Search

Action: ----- Go 0 of 3 selected

NAME	EMAIL	PHONE	EVENT	STATUS	CREATED AT
<input type="checkbox"/> koushik	koushik@gmail.com	1234567896	Bikers unite	Pending	Feb. 23, 2025, 1 p.m.
<input type="checkbox"/> lekhan	lekhan@gmail.com	1234567899	WMD	Pending	Feb. 23, 2025, 12:59 p.m.
<input type="checkbox"/> krish	krish@gmail.com	1234567898	Bikers unite	Pending	Feb. 23, 2025, 12:58 p.m.

3 registrations

FILTER

Show counts

By status

- All
- Pending
- Approved
- Rejected

By event

- All
- Bikers unite
- WMD