



**MYSORE UNIVERSITY SCHOOL OF ENGINEERING**

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**UNIVERSITY OF MYSORE**

**Full Stack Development(21CD71) Assessment Report On:**

**“Event Registration System”**

**Under the guidance :**

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## Introduction:

Django-based Event Registration System provides a platform for managing event registrations efficiently.

## Event Model:

- Fields for event name, date, and description.
- Allows organizers to create, update, and delete events.

## Admin Interface:

- A fully functional admin interface to manage events and participant records.

## Class-Based Views:

- ListView for displaying a list of events and participants.
- CreateView for adding events and participant registrations.
- UpdateView and DeleteView for editing and removing records.

## Project overview:

```
events/
├── manage.py
├── db.sqlite3
├── event_registration/
│   ├── pycache/
│   ├── migrations/
│   ├── templates/
│   │   ├── event_confirm_delete.html
│   │   ├── event_form.html
│   │   ├── event_list.html
│   │   ├── registration_form.html
│   │   ├── registration_list.html
│   │   ├── registration_update_form.html
│   │   └── success.html
│   ├── init.py
│   ├── admin.py
│   ├── apps.py
│   ├── forms.py
│   ├── models.py
│   ├── tests.py
│   ├── urls.py
│   └── views.py
├── events/
│   ├── pycache/
│   └── init.py
```

- | — asgi.py
- | — settings.py
- | — urls.py
- | — wsgi.py
- | — venv/ (Virtual Environment)

## **Detailed steps Implementation:**

### **Step 1: Install Django and Create a Virtual Environment**

#### **1. Create a virtual environment**

```
python -m venv venv
```

#### **2. Activate the virtual environment**

##### **On Windows:**

```
venv\Scripts\activate
```

##### **On macOS/Linux:**

```
source venv/bin/activate
```

#### **3. Install Django**

```
pip install Django
```

### **Step 2: Create a Django Project**

#### **1. Create a Django project named events**

```
django-admin startproject events
```

```
cd events
```

### **Step 3: Create a Django App**

#### **1. Create an app named event\_registration:**

```
python manage.py startapp event_registration
```

### **Step 4: Configure settings.py**

1. Open events/settings.py and add 'event\_registration' to INSTALLED\_APPS:

### **Step 5: Create the Event and Registration Model:**

#### **Run migrations to apply the model:**

```
python manage.py makemigrations
```

```
python manage.py migrate
```

### **Step 6: Register the Models in Django Admin:**

```
event_registration/admin.py
```

### **Step 7: Create Views for Event and Registration Management:**

```
event_registration/views.py
```

### **Step 8: Configure URLs:**

Create event\_registration/urls.py

Link the app's URLs in events/urls.py

### **Step 9: Create HTML Templates:**

Inside event\_registration/templates/, create the following files

- 1.event\_list.html
- 2.event\_form.html
- 3.event\_confirm\_delete.html
4. registration\_form.html
5. registration\_list.html
6. registration\_update.html

### **Step 10: Create a Superuser for Admin Panel:**

```
python manage.py createsuperuser
```

### **Step 11: Run the Django Development Server**

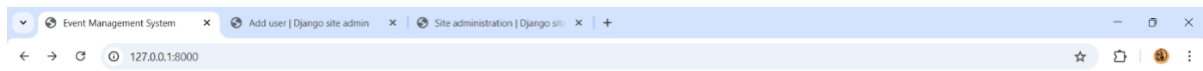
```
python manage.py runserver
```

## **Conclusion**

You have successfully implemented a Django-based Event Management System with the following features:

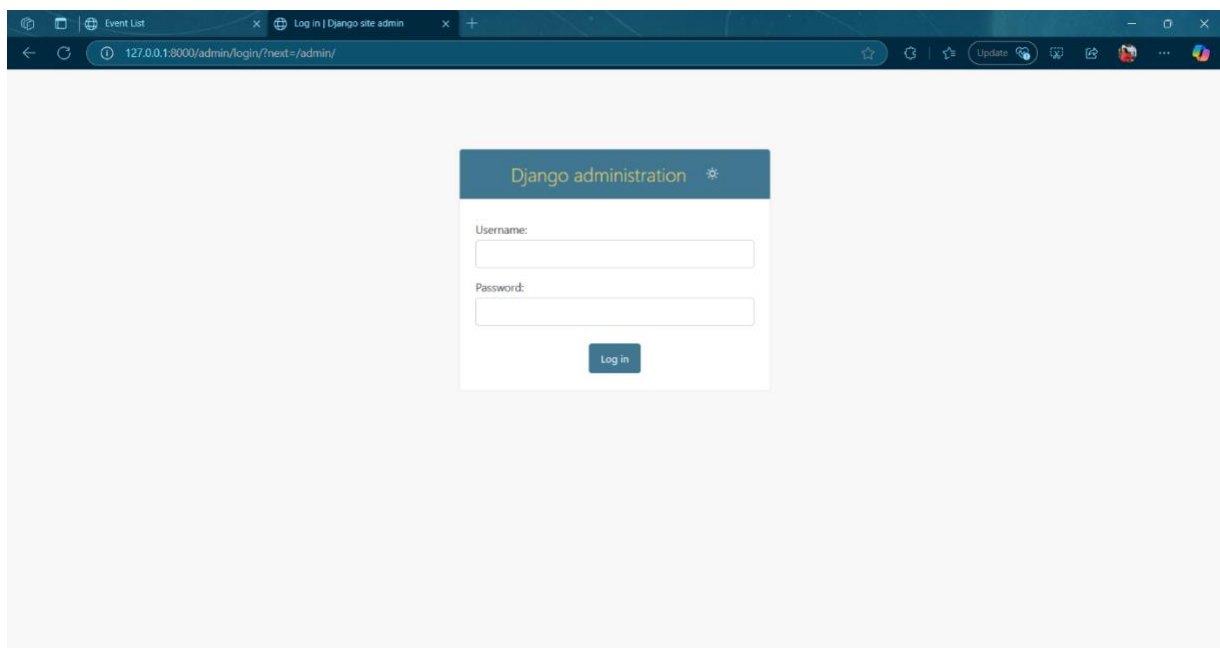
- Admin panel to manage events and registrations.
- CRUD functionality for events using Django's class-based views (ListView, CreateView, DeleteView).
- User-friendly navigation and templates.

## Output:



### Welcome to the Event Management System

[Go to Events](#)



Event Management System

GUNJAN MURTHY H | Change

Site administration | Django site

127.0.0.1:8000/admin/event\_registration/registration/1/change/

Django administration

WELCOME SONU VIEW SITE / CHANGE PASSWORD / LOG OUT

Home > Event\_Registration > Registrations > GUNJAN MURTHY H

Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

Groups + Add

Users + Add

EVENT\_REGISTRATION

Registrations + Add

The registration "GUNJAN MURTHY H" was added successfully. You may edit it again below.

Change registration

HISTORY

Names: GUNJAN MURTHY H

Email: gunjan@123gmail.com

Phone: 9864768995

Event name: Annual Day

☐ Is approved

SAVE Save and add another Save and continue editing

Delete

Event Management System

Select registration to change |

Site administration | Django site

127.0.0.1:8000/admin/event\_registration/registration/

Django administration

WELCOME SONU VIEW SITE / CHANGE PASSWORD / LOG OUT

Home > Event\_Registration > Registrations

Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

Groups + Add

Users + Add

EVENT\_REGISTRATION

Registrations + Add

Select registration to change

ADD REGISTRATION +

Action: Go 0 of 2 selected

<input type="checkbox"/>	NAME	EMAIL	EVENT NAME	IS APPROVED
<input type="checkbox"/>	sonu	sonu@123gmail.com	Sports Day	<input checked="" type="checkbox"/>
<input type="checkbox"/>	GUNJAN MURTHY H	gunjan@123gmail.com	Annual Day	<input checked="" type="checkbox"/>

2 registrations

FILTER

Show counts

1 By is approved

All

Yes

No

127.0.0.1:8000/admin/event\_registration/registration/?o=1