**Overview**  
In this assignment, you will build a Django-based Event Management System. The  
system allows users to manage events (post, update, delete) and book events. It will  
include authentication features like user registration, login, and logout. Any user can  
view events, but only registered and logged-in users can book an event or manage  
their own events. Additionally, the homepage will show the current booking status for  
the logged-in user, allowing them to see which events they have already booked.

**Features and Requirements**

**1. User Authentication:**  
○ **Registration**: Implement user registration, allowing new users to create  
an account.  
○ **Login**: Implement a login system to authenticate users.  
○ **Logout**: Users should be able to log out.  
○ **Profile Page**: Each user should have a profile page where they can view  
and update their personal details.

**2. Event Management:**  
○ **Create Event:** A logged-in user can create new events by providing  
details such as event name, date, location, and description.  
○ **Update Event:** Users can update their own events.  
○ **Delete Event:** Users can delete events they have posted.  
○ **View Events**: All users (even those not logged in) should be able to  
view events on the homepage.  
○ **Event Permissions**: Users can only update or delete events they  
created. Admins can manage all events.

**3. Event Booking (Logged-In Users Only):**  
○ Only registered and logged-in users can book an event.  
○ Once a user books an event, that event should appear on their Booked  
Events page.  
○ Display a message on the homepage showing whether the current  
logged-in user has already booked a particular event. For example, show  
“Booked” next to events that the user has already booked.

**4. Homepage:**  
○ The homepage should display all events.  
○ For logged-in users, display the booking status for each event,  
indicating if the current user has already booked that event.  
○ Non-logged-in users should still be able to see events, but when trying to  
book, then redirect the login page.

**5. Booked Events Page:**  
○ Logged-in users should have access to a Booked Events page that lists  
all events they have booked.  
○ This page should show details of the booked events, such as event name,  
date, and location.  
**6. Navigation and User Experience:**  
○ Include a navigation bar with links to the homepage, login/logout,  
registration, profile, and the user’s booked events page.  
**7. Features :**  
○ **Search Functionality**: Add a search bar to the homepage so users can  
search for events by name, date, or location.  
○ **Event Categories:** Implement event categories such as conferences,  
concerts, workshops, etc. Allow users to filter events by category.  
○ **Booking Limits:** Set a booking limit for events, so when the event  
reaches capacity, it shows “Fully Booked”.

**Submission Guidelines:**  
● Submit the project either as a GitHub repository or a zip file containing the full  
Django project with requirement.txt file.  
● Ensure the project includes migrations, models, views, templates, and static  
files.