Daffodil International Professional Training Institute

Formative Assessment - 2

Qualification: Web Application Development with Python

Batch: WADP-L4-B5

Time: 2 hours 30 mins   **Marks:** 100

Question:

Create a Django project named **event_managing_system**, where users can register and log in using a **custom user model**. After login, they can manage (Create, Read, Update, Delete) their own **event bookings**, **change booking status** using a button (NotStarted ➔ InProgress ➔ Completed), and they can change their account **password**.

Project Setup:

- **Project Name:** event_managing_system
- **App Name:** booking
- **Model:** EventUserModel and EventBookingModel

EventUserModel:

- username
- email
- password
- full_name
- phone_number
- profile_image

EventBookingModel:

- event_title
- event_type(Conference, Concert, Wedding)
- event_description
- event_date
- status (NotStarted, InProgress, Completed)

- location
- created_by (Must be the relationship with the EventUserModel).
- created_at
- updated_at

Templates and Navigation:

Create a master layout using HTML and CSS that includes the following links:

- **Dashboard:** Display all the booking list as Card view. Fields will be (event_title, event_description, event_status)

- **Register:** To register user, used all the fields of the User Model.

- **Login**

- **Logout**

- **Add Booking**

- **My Booking** (Display the booking into table view)

- **Profile**(Every event user can show their profile details into this page)

Event Status Update:

- On the My Booking page, display a status button beside each event.
- Clicking the button will cycle through: NotStarted ➜ InProgress ➜ Completed
- If status completed don't display the button.

Marks Breakdown – 100 Marks:

1. Project Setup and App Initializations – **10 Marks**
2. Model and Admin Setup – **15 Marks**
3. Authentication System (Register, Login, Logout) – **15 Marks**
4. CRUD Operations for Event Booking – **20 Marks**
5. Status Change – **10 Marks**
6. Dashboard and Profile Display – **10 Marks**
7. Change Password – **10 Marks**
8. Django Template Rendering and Navigation – **10 Marks**

Note: Must be follow the instruction.