Name: MD Imran Nazir Udoy

ID   : 22303286

Proposal: Diet and Sport Consultancy Website

Project Title: Fit Life - A Diet and Sport Consultancy Platform

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Introduction

Fit Life is a comprehensive web platform designed to address users' dietary and fitness needs. The platform will provide users with the ability to book consultations with dieticians and sports trainers, purchase health-related products, and optionally engage in real-time chat consultations. (Optional)Fit Life will feature distinct **Admin** and **User Panels** to streamline operations and provide seamless user experiences.

Objectives

1. **For Users**:
   - Effortlessly book consultations with experts.
   - Browse and purchase products related to diet and fitness.
   - Manage their appointments, purchases, and personal profiles.
2. **For Admins**:
   - Manage users, consultants, products, and orders.
   - Monitor transactions and bookings.
   - Oversee website analytics and maintain content.

Features

1. User Panel

- **User Authentication**:
  - Secure login and registration.
  - Profile management.
- **Consultancy Services**:
  - View available consultants with specialization and pricing.
  - Book appointments by selecting date, time, and consultant.
  - Track upcoming and past appointments.
- **Store**:
  - View and purchase products like diet plans, workout guides, and equipment.

- o   Cart functionality with payment integration.
- **Chat (Optional)**:
  - o   Live chat for support or real-time consultation with experts.
- **Payment Gateway**:
  - o   Integration with **Stripe** or **Razor pay** for secure transactions.

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2. Admin Panel

- **User Management**:
  - o   View, edit, and deactivate user accounts.
- **Consultant Management**:
  - o   Add, edit, or remove consultants.
  - o   Manage consultant schedules and availability.
- **Product Management**:
  - o   Add, edit, or remove products.
  - o   Monitor inventory levels.
- **Appointment Management**:
  - o   View all user appointments and resolve booking conflicts.
- **Order Management**:
  - o   Track orders, payments, and delivery status.
- **Dashboard**:
  - o   Visualize site performance metrics (e.g., total sales, bookings, and user growth).

Technical Details

Tech Stack

- **Frontend**: HTML, CSS/Tailwind, JavaScript (with Django templates/React).
- **Backend**: Django (Python).
- **Database**: SQLite (development), SQL (production).
- **Payment Gateway**: Stripe, Razor pay, or PayPal.
- **Chat (Optional)**: Django Channels or third-party APIs like Firebase for real-time communication.

System Flow

1. **Authentication System**:
   - o   Users and admins have separate login portals.
   - o   Password encryption and secure data handling.
2. **Consultancy Workflow**:
   - o   Admins add consultants and set their schedules.

- o Users view consultant profiles and book appointments.
  - o Payment required to confirm booking.
3. **Store Workflow**:
  - o Admins add products to the catalog.
  - o Users add products to the cart and proceed to checkout.
  - o Orders are confirmed after successful payment.
4. **Chat Workflow (Optional)**:
  - o Admin assigns consultants to users for real-time chats.
  - o Users can initiate chats during specific hours.

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CODE ASSIGNMENT

```python
marks = int (input("enter your marks : "))
if marks>0 and marks<101:
    if ((marks>=40 and marks<50)):
        print("passed and you got D")
    elif ((marks>=50 and marks<60)):
        print("passed and you got C")
    elif ((marks>=60 and marks<70)):
        print("passed and you got B")
    elif ((marks>=70 and marks<80)):
        print("passed and you got A")
    elif ((marks>=80 and marks<=100)):
        print("passed and you got A+")
    else:
        print("Failed and you got F")
else:
    print("Invalid mark maybe you typed negative or greater than 100")
```

[12] ✓ 13.3s

··· passed and you got A+

```python
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        print("passed and you got A+")
    else:
        print("Failed and you got F")
else:
    print("Invalid mark maybe you typed negative or greater than 100")
```

[13] ✓ 2.9s

··· Failed and you got F

```python
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```

✓ 5.1s

Invalid mark maybe you typed negative or greater than 100

Class Summary

Last class we learned about conditional statements and conditional operators:

- o This operators combines two conditions and based on that provide output as true or false
- o The condition statements are if-else which are used to make decision making with the help of the operators on the basis of true or false output. Nested if-else also can be used.
- o Last class also talked about the final project of the course and instructor told us to prepare the project proposal for the final project of the course.