**Proposal: Diet and Sport Consultancy Website**

**Project Title: FitLife - A Diet and Sport Consultancy Platform**

**Introduction**

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

**2. Admin Panel**

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

**Technical Details**

**Tech Stack**

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

**System Flow**

1. **Authentication System**:
   * Users and admins have separate login portals.
   * Password encryption and secure data handling.
2. **Consultancy Workflow**:
   * Admins add consultants and set their schedules.
   * Users view consultant profiles and book appointments.
   * Payment required to confirm booking.
3. **Store Workflow**:
   * Admins add products to the catalog.
   * Users add products to the cart and proceed to checkout.
   * Orders are confirmed after successful payment.
4. **Chat Workflow (Optional)**:
   * Admin assigns consultants to users for real-time chats.
   * Users can initiate chats during specific hours.