

Application Name: MediSync Hub

Project Requirement Document: Online Doctor Consultation Platform

1. Introduction:

The purpose of this project is to develop an online doctor consultation platform that facilitates seamless communication between doctors and patients. The platform will include features such as user authentication, profile management, appointment scheduling, and payment processing.

2. Technologies:

- Frontend: HTML, CSS, JavaScript, Bootstrap
- Backend: Django
- Database: SQLite

3. Features:

3.1 User Authentication:

- Implement secure login and signup functionality for both doctors and patients.

3.2 Profile Management:

- Allow doctors and patients to view and edit their profiles.

3.3 Doctor Availability:

- Enable doctors to set up their availability by specifying date and time slots for appointments.

3.4 Appointment Booking:

- Patients can search for doctors based on their specialty.
- Display available doctors and their respective time slots.
- Allow patients to choose a preferred doctor and book an appointment based on the doctor's availability.

3.5 Payment Integration:

- After selecting an appointment, patients will be redirected to a secure payment portal for transaction processing.

4. Additional Features (Optional):

- Notification system for appointment reminders.
- Prescription management for doctors.
- Feedback and rating system for both doctors and patients.

5. Security:

- Implement secure authentication and authorization mechanisms.
- Ensure secure transmission of sensitive data, especially during payment transactions.

6. User Interface:

- Develop a user-friendly interface with responsive design for a seamless experience on various devices.

7. Deployment:

- Deploy the application on a secure and scalable server to handle potential growth in user base.

8. Documentation: (Optional)

- Provide comprehensive documentation for developers, including setup instructions and API documentation.

9. Future Enhancements:

- Consider potential future enhancements, such as video consultations, integration with electronic health records (EHR), and additional features based on user feedback.

****Note:** This document serves as a high-level overview of the project requirements. Detailed specifications and design documents will be developed during the development phases.**

GROUP NAME: Error 404

GROUP MEMBERS:

1. Shravesh Mani - 8830661
2. Priya Bhardwaj - 8940263
3. Saketh Gundi - 8942079