# PROJECT ABSTRACT

20MCA246-MAIN PROJECT

# MediMingle

## Smart Doctor Suggestion and Booking System


Project Guide:

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# MediMingle

MediMingle: Smart Doctor Suggestion and Booking System In the era of modern healthcare, efficient doctor-patient interactions are essential for timely and accurate medical care. "MediMingle" is a sophisticated web-based platform designed to address this need by offering users a seamless experience in finding suitable doctors based on their symptoms and booking appointments.

**Front-End**: HTML/CSS, BootStrap

**Back-End**: Python-Django

## Key Modules

- Doctor (user)
- Patient (user)
- Admin

## Doctor

- Registration/Login
- Approve/Reject Patient
- Add Slot
- Manage booking(Edit,delete,reschedule)
- Manage payment
- Manage profile
- Notification

## Patient

- Registration/Login
- Search doctor
- Reviews and ratings Booking
- Manage profile
- Book an appointment
- Notification

**Admin**

- Login
- Add/Delete Doctor
- Enable/Disable Doctor
- Enable/Disable Patient
- Manage Appointments
- Manage Review

Symptom Analysis:

- Collection of user-provided symptoms.
- Validation of symptom data.
- Preparation of symptom data for further analysis.

Symptom-to-Doctor Matching:

- Analysis of user-provided symptoms to determine relevant medical specialties.
- Accurate matching based on predefined rules or machine learning algorithms.
- Recommend doctors to the user.

Appointment Management:

- Rescheduling of appointments based on availability.
- Appointment cancellation with advance notice.

Reviews and Ratings:

Submission of reviews and ratings by users after appointments.

Admin Dashboard:

Doctor profile management, appointment tracking, and user account oversight.

Payment Integration

Implementation of Payment for booking