

General Guidelines for Presentation

- Slides should not be too heavy with content. Better to create point wise.
- If you require more than one slide for any point, right click on that point slide then select duplicate slide and modify the duplicated slide.
- Diagrams must be aligned at centre and clearly visible with caption.
- All the mentioned fonts, font size, title content, etc should not change and strictly as per the given format and guidelines.



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MEDIMATE: Simplifying Healthcare Access

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Project Guide
Ms. Aishwarya Londhe

Contents

- Introduction
- Objectives
- Scope
- Features / Functionality
- Project Outcomes
- Technology Stack
- Block Diagram if applicable

1. Introduction

Medimate is a desktop based application which caters to both doctors and patients.

Problem Identified :

- In many cases it was identified that the families with elderly members, infants and severely ill patients find it difficult to commute to the hospital for their check-ups.
- Till now there is no service which can reduce the hassle of travelling and bringing the medical services at doorsteps.

Solution Proposed :

- Using medimate patients can book home visit appointments and also place orders for medicines as well as diagnostic devices.
- The doctors can keep track of the patients and appoint doctors for them who can visit them at their house at the time of need.

2. Objectives

1. To eliminate the need for visiting hospitals or clinics for non-critical services by bringing these to their doorsteps.
2. To create a platform for user to manage appointments, medical records, and prescriptions efficiently.
3. To allow users to order for medicines and other diagnostic devices as well.
4. To allow the doctors to monitor the appointment requests, accept or reject them and write the prescription and comments from their UI itself.

3. Scope

1. The system is designed primarily for the healthcare industry, catering to hospitals, clinics, and independent doctors.
2. It can be used by doctors, hospitals, and patients ensuring remote medical assistance and digital healthcare management.
3. The project can be expanded to support multiple hospitals, diagnostic centres, and pharmacies for a more comprehensive healthcare network.
4. The system can be adapted to work with government healthcare schemes, insurance providers, and third-party medical services.
5. Enables patients to book check-ups, order medicines, and access online prescriptions without visiting a hospital

4. Feature /Functionality

Feature 1:

- Ensures patient records, prescriptions, and medical history are securely stored and accessed only by authorized users.

Feature 2 :

- Patients will have options of booking a home visit and also order medicines and other diagnostic devices.

Feature 3 :

- The patients can keep a track of their details, health records, upcoming visits, ongoing cases and can also add previous medical records.

Feature 4 :

- Patients and doctors can track appointment statuses in real-time, from booking to completion.

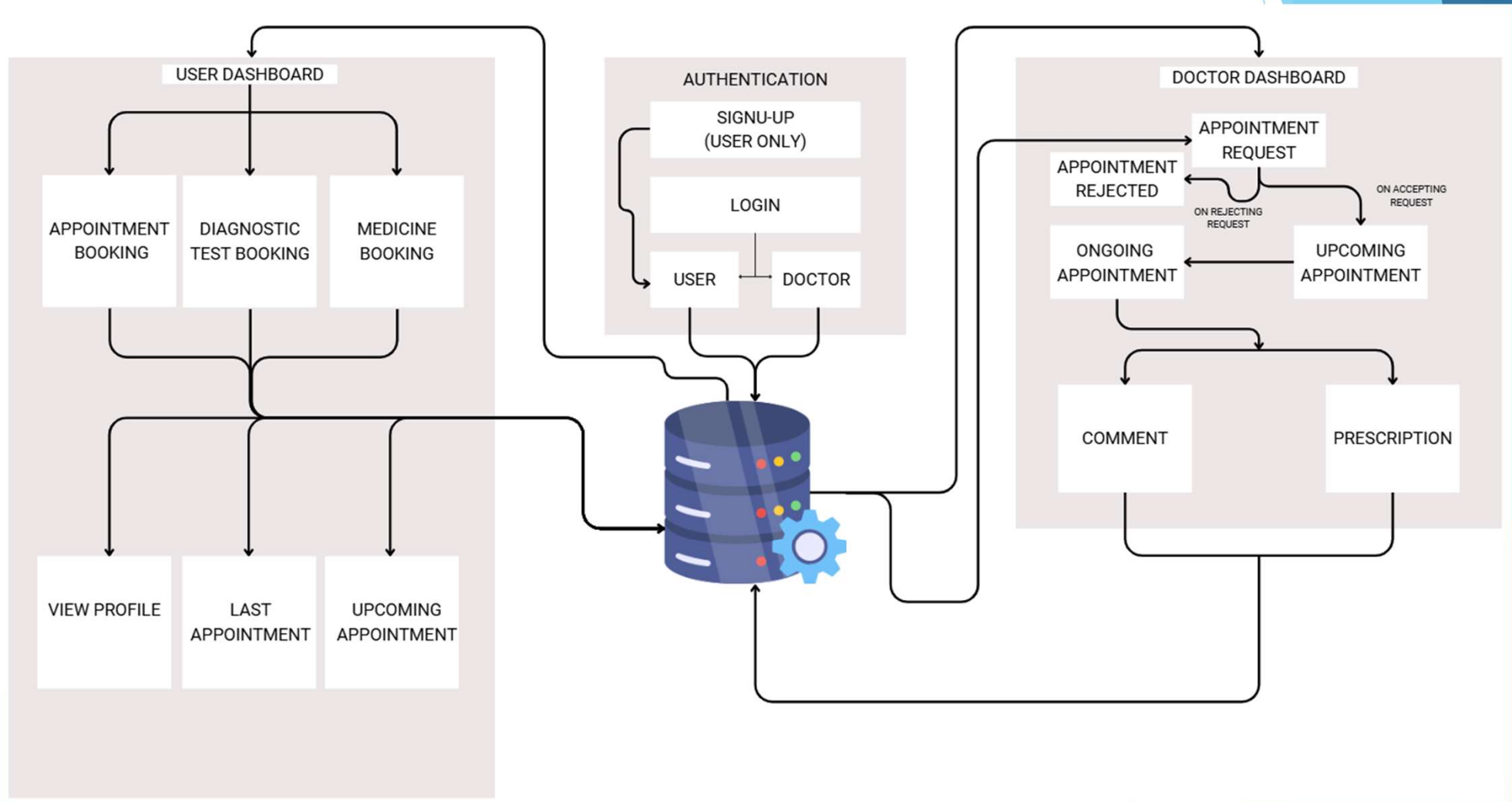
5. Outcome of Project

1. Patients and doctors are provided with intuitive and personalized dashboards tailored to their specific needs.
2. Patients can book an appointment with the doctor of their choice who will visit them.
3. Doctors can keep track of their patient's previous medical records through the doctor's dashboard.
4. Patients can view prescriptions provided by the doctor.
5. Patients can also book medicines, diagnostic devices and any medical tests which can be conducted at home.

6. Technology Stack

1. Frontend: Python's Tkinter was used for creating all the pages in GUI
2. Backend:
 - MySQL is an open-source relational database management system that uses SQL to manage and store data in a structured way.
 - MySQL version 8.0 CE to be used.

7. Block Diagram



Sign Up



MEDIMATE

Simplifying Healthcare Access

Sign Up

Name:

Username:

Phone:


Email:

Password:



Sign Up page

Login



MEDIMATE


Simplifying Healthcare Access

Username:

Password:

Login page

User Dashboard



Welcome, Drishti Bhadsavle!

Book Doctor Appointment

Book Medical Tests

Booked History

View Profile

Logout

Last Appointment

Doctor	Specialization	Date	Status
Raj Kumar	Unknown	2025-04-24	Completed
Priya Sharma	Endocrinology	2025-04-24	Completed
Neha Gupta	Endocrinology	2025-04-23	Completed
Raj Kumar	Cardio	2025-04-10	Completed

Upcoming Appointment

Doctor	Specialization	Date	Time	Status
No upcoming appointments				

MEDIMATE

Simplifying Healthcare Access

Patient dashboard

Logout

MEDIMATE

Welcome, Dr. Raj Kumar

April 27, 2025

Ongoing Patients

No ongoing patients

Upcoming Patients

No upcoming patients

Patient Details

Name: Drish
 DOB: Feb 22, 2005
 Age: 20
 Address: pancharatna, airoli, maharashtra, 400708
 Appointment Date: Apr 24, 2025
 Appointment Time: 11:00 AM

Prescription

Save Prescription

Doctor Comments

Save Comments

Appointment Requests

Paras
 Requested for: Apr 28, 2025 at 11:00 AM

Accept

Decline

Completed Appointments

Patient Name	Date	Time
Drish	Apr 24, 2025	11:00 AM

Patient Medical History

Doctor Name	Specialization	
Priya Sharma	Endocrinology	Apr 24,
Neha Gupta	Endocrinology	Apr 23,
Raj Kumar	Cardio	Apr 10,

Doctor dashboard

Doctor Selection

Doctor Selection

Specialization: All

Min. Experience (years): 0

Apply Filters

Name	Specialization	Experience	Availability
Dr. Aisha Patel	Cardiology	15 years	Mon, Wed, Fri
Dr. Raj Kumar	Cardiology	18 years	Mon to Sat
Dr. Priya Sharma	Endocrinology	11 years	Tue, Thu, Sat
Dr. Vikram Desai	Neurology	17 years	Mon, Wed, Fri
Dr. Neha Gupta	Pediatrics	8 years	Mon to Fri
Dr. Suresh Mehta	Orthopedics	20 years	Wed, Thu, Sat
Dr. Ananya Reddy	Dermatology	10 years	Mon, Tue, Fri
Dr. Sanjay Patel	Psychiatry	16 years	Mon, Wed, Fri
Dr. Kavita Verma	Ophthalmology	9 years	Mon to Thu
Dr. Arjun Singh	Pediatrics	22 years	Mon, Wed, Fri

Selected Doctor: None selected

Date:

Select Date

Time:

Book Appointment

Cancel

Book appointment page

User: Drishti Bhadsavle

Medicines & Consumables				Tests			Diagnostics			
Item	Price (₹)	Select	Quantity	Test	Price (₹)	Select	Item	Price (₹)	Select	Quantity
Crocin	30.00	<input type="checkbox"/>	<input type="text" value="1"/>	Complete Blood Count (CBC)	350.00	<input type="checkbox"/>	Digital Blood Pressure Monitor	1202.00	<input type="checkbox"/>	<input type="text" value="1"/>
Ascorill	209.00	<input type="checkbox"/>	<input type="text" value="1"/>	Liver Function Test (LFT)	500.00	<input type="checkbox"/>	Pulse Oximeter	350.00	<input type="checkbox"/>	<input type="text" value="1"/>
Candid-B	173.50	<input type="checkbox"/>	<input type="text" value="1"/>	Kidney Function Test (KFT)	550.00	<input type="checkbox"/>	Portable ECG/EKG Monitor	8200.00	<input type="checkbox"/>	<input type="text" value="1"/>
CLindac AP	350.00	<input type="checkbox"/>	<input type="text" value="1"/>	Lipid Profile	450.00	<input type="checkbox"/>	Holter Monitor	6000.00	<input type="checkbox"/>	<input type="text" value="1"/>
Penicillin	67.70	<input type="checkbox"/>	<input type="text" value="1"/>	Thyroid Function Test (TFT)	355.00	<input type="checkbox"/>	Glucometer	650.00	<input type="checkbox"/>	<input type="text" value="1"/>
Ketorolac	146.75	<input type="checkbox"/>	<input type="text" value="1"/>	HbA1c Test	349.00	<input type="checkbox"/>	Continuous Glucose Monitoring Device	4500.00	<input type="checkbox"/>	<input type="text" value="1"/>
RabAvert	80.75	<input type="checkbox"/>	<input type="text" value="1"/>	Blood Glucose (Fasting & Random)	150.00	<input type="checkbox"/>	Spirometer	150.00	<input type="checkbox"/>	<input type="text" value="1"/>

Delivery OptionsDelivery Date: Delivery Time Slot: Special Instructions: [Back to Dashboard](#)[Book](#)

Medicine, diagnostic devices and medical test booking page

Patient Profile

Personal Information

Name: Drishti Bhadsavle

Age: 20

Birth Date: 2005-02-22

Address: pancharatna
airoli, maharashtra 400708

Contact Information

Phone Number: 1234567890

Email: drish@gmail.com

[Update Profile](#)[Back to Dashboard](#)

Previous Medical Records

Doctor	Specialization	Appointment Date
Priya Sharma	Endocrinology	2025-04-24
Neha Gupta	Endocrinology	2025-04-23
Raj Kumar	Cardio	2025-04-10

Prescription

No prescription available.

Doctor's Comments

No comments available.

Patient Profile

Profile Update

Profile Information

Username

drish

Name

Drishti Bhadsavle

Phone Number (10 digits)

1234567890

Email

drish@gmail.com

Date of Birth

2005-02-22

Select Date

Age

20

Address

Building Details

pancharatna

City

aioli

State

maharashtra

Pincode

400708

Previous Medical Records

Doctor's Name

Doctor's Specialization

Appointment Date

Select Date

Prescription

Comments

History

Doctor	Specialization	Date	Prescription	Comments
Priya Sharma	Endocrinology	2025-04-24	N/A	N/A
Neha Gupta	Endocrinology	2025-04-23	N/A	N/A
Raj Kumar	Cardio	2025-04-10	N/A	N/A

Delete Selected Record

Back to Dashboard

Update Profile

Add Medical Record

Patient Profile Update

Medical Bookings History

User: Drishti Bhadsavle

Booking ID	Order Date	Time	Medicines	Tests	Diagnostics	Total Amount	Delivery Date	Time Slot	Details
2b857d13...	2025-04-26	11:33:27	1 items	1 items	-	₹723.50	2025-04-28	03:00 PM - 05:00 PM	View

Booking Details - ID: 2b857d13-2264-11f0-89ba-089798afa1b9

MEDICINES & CONSUMABLES:

- Candid-B (Qty: 1) - ₹173.50 x 1 = ₹173.50

TESTS:

- Kidney Function Test (KFT) - ₹550.00

TOTAL AMOUNT: ₹723.50

Payment Method: Cash on Delivery

DELIVERY DETAILS:

- Delivery Date: 2025-04-28
- Time Slot: 03:00 PM - 05:00 PM
- Special Instructions: NONE

[Back to Dashboard](#)

Booking History

Thank You...!!