**ALZHEIMER’S DISEASE PREDICTION WITH AI PERSONALIZED TREATMENT RECOMMENDATION SYSTEM**

**A MAJOR PROJECT REPORT**

###### submitted by

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**AISWARYA VIJAYAKUMAR FACULTY ASSOCIATE**

**Department of Computer Science and IT**

###### in partial fulfilment of the requirement of

**AMRITA VISHWA VIDYAPEETHAM**

###### for the award of the degree of

#### FIVE YEAR INTEGRATED MASTER OF COMPUTER APPLICATIONS

****

**AMRITA VISHWA VIDYAPEETHAM, KOCHI**

**CAMPUS**

**April 2025**



**BONAFIDE CERTIFICATE**

This is to certify that the project report entitled **Alzheimer’s Disease Prediction with AI Personalized Treatment Recommendation System** submitted by Avril Martin (KH.EN.I5MCA22022), Chandana VG (KH.EN.I5MCA22028), Gagana

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Krishna (KH.EN.I5MCA22072) in partial fulfilment of the requirements for the award of the **DEGREE OF FIVE YEAR INTEGRATED MASTER OF**

##### **COMPUTER APPLICATIONS** is a Bonafide record of the work carried out under my guidance and supervision at School of Computing, Amrita Vishwa Vidyapeetham, Kochi Campus.

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The project was evaluated as on:

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DECLARATION

We affirm that the project work entitled **“Alzheimer’s Disease Prediction with AI Personalized Treatment Recommendation System”** being submitted in partial fulfilment for the award of the **DEGREE OF FIVE YEAR INTEGRATED MASTER OF COMPUTER APPLICATIONS** is the original

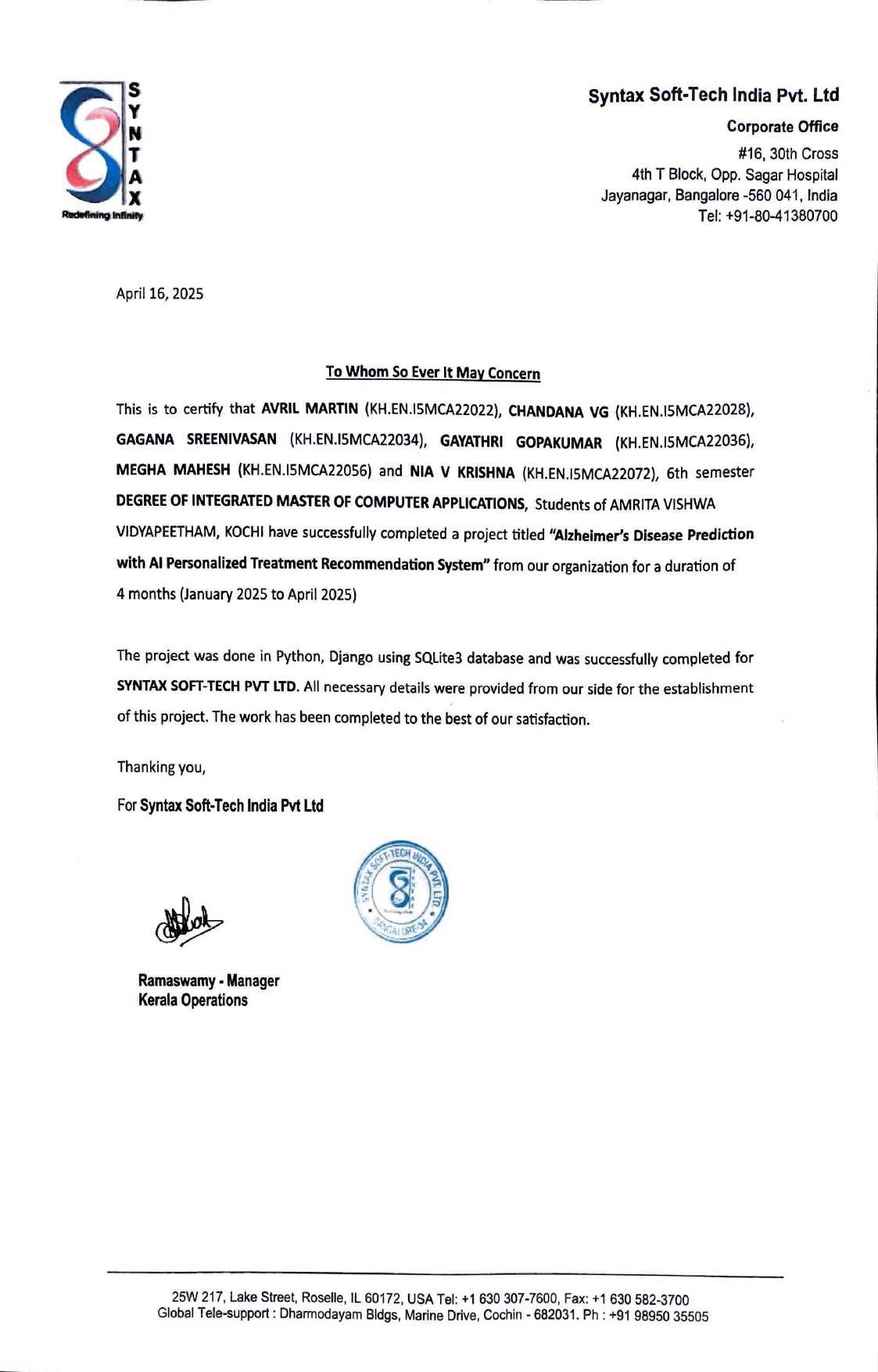
##### work carried out by us. It has not formed the part of any other project work submitted for the award of any degree or diploma, either in this or any other University.

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**DEDICATION**

##### To

##### My parents, all my teachers and the eternal God.

##### Thank you for believing in me and encouraging me throughout.

**ACKNOWLEDGEMENT**

A venture can’t be completely by itself. We take this opportunity to gratefully acknowledge various people who acted as guides along the way.

The success of any work requires the blessings of the Lord Almighty. We thank our God for aiding us in our travel to success.

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This Thanksgiving cannot be complete without mentioning our friends and parents who gave us the mental strength that we almost lost in between the journey.

*Avril Martin Chandana VG Gagana Sreenivasan Gayathri Gopakumar Megha Mahesh*

*Nia V Krishna*

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# INTRODUCTION

## About the System

The proposed system is an integrated, web-based platform that leverages deep learning technologies—specifically Convolutional Neural Networks (CNNs) and Deep Neural Networks (DNNs)—to detect, predict, and manage Alzheimer’s Disease (AD). By analyzing brain imaging data such as MRI scans, the system enables early and accurate diagnosis, which is essential for timely medical intervention and slowing the progression of the disease.

Beyond detection, the platform includes a powerful prediction feature that assesses the risk and stage of Alzheimer’s. This allows patients and clinicians to take proactive steps in managing the disease before it worsens. The system also offers personalized medicine recommendations tailored to each patient's medical history and current condition, ensuring more targeted and effective treatment plans.

To improve accessibility and convenience, the platform allows users to schedule online consultations with neurologists and other healthcare professionals. This is particularly beneficial for patients who have mobility challenges or live in remote locations. In addition, the system provides secure access to medical reports, making it easy for patients and doctors to view, download, and share diagnostic information as needed.

The deep learning models are trained on a high-quality dataset provided by Syntax Soft – Tech India Pvt. Ltd., which includes well-curated MRI scans and relevant clinical data. This ensures greater accuracy in predictions and reduces the chances of misdiagnosis.

By combining advanced AI with practical healthcare features, the platform serves as a comprehensive solution for early Alzheimer’s detection, personalized care, and streamlined medical support—ultimately improving the quality of life for patients and aiding healthcare providers in delivering better outcomes.

# NEED FOR THE SYSTEM

Alzheimer’s disease (AD) is a progressive neurological disorder that leads to cognitive decline, affecting memory, decision-making, and overall brain function. As the disease advances, individuals experience increasing difficulty in performing daily activities, ultimately requiring full-time care. Early diagnosis is crucial in slowing disease progression, enabling timely medical intervention, and improving patients' quality of life. However, current diagnostic methods face significant challenges in providing accurate and timely detection, especially in the early stages of the disease.

Traditional diagnostic approaches, such as cognitive tests, clinical assessments, and manual interpretation of MRI scans, often suffer from subjectivity, time-consuming procedures, and inconsistent accuracy in detecting early-stage Alzheimer’s. Many cases remain undiagnosed until severe cognitive impairment sets in, limiting the effectiveness of available treatments. Additionally, the lack of standardized and automated screening tools contributes to delays in diagnosis, leading to missed opportunities for early intervention.

Beyond diagnostic challenges, patients and caregivers often struggle with fragmented healthcare services. Difficulties in accessing specialists, managing medications, and retrieving medical reports create additional burdens, leading to delays in treatment and care coordination. The absence of integrated and easily accessible platforms for Alzheimer’s management further complicates the process for both patients and healthcare professionals.

Given these limitations, there is a growing need for advanced, technology-driven solutions that can enhance early detection, improve diagnostic accuracy, and streamline patient care**.** A system that leverages modern advancements in medical imaging and digital healthcare services can help bridge the gap, ensuring faster, more precise, and accessible Alzheimer’s detection and management.

# BACKGROUND STUDY

## Existing System

Several advanced systems leverage AI and deep learning for Alzheimer’s detection, analyzing neuroimaging and medical data. Notable systems include ADNI, Deep Brain Network, and IBM Watson for Health, but they face limitations in real-time accessibility and comprehensive solutions.

1. Alzheimer’s Disease Neuroimaging Initiative (ADNI)

ADNI uses machine learning, including SVMs and CNNs, to analyze MRI and PET scan data, identifying Alzheimer’s-related brain changes.

Limitation: Primarily research-focused, lacks real-time clinical application and early intervention prediction.

1. Deep Brain Network

Uses deep learning models like CNNs and GCNs to extract patterns from MRI scans, offering improved accuracy.

Limitation: Does not include disease prediction or continuous patient care features.

1. IBM Watson for Health

Applies AI techniques such as NLP, DNNs, and Reinforcement Learning to analyze medical records and aid diagnosis.

Limitation: Lacks a user-friendly interface and essential features like online consultations or real-time predictive analytics.

## Drawbacks

* **Lack of Real-Time and Automated Predictions:** Most systems do not provide instant, automated diagnosis, delaying early intervention.
* **Absence of Continuous Monitoring:** There is no mechanism for follow-up tracking of patients over time to observe disease progression.
* **Limited Accessibility for Patients and Healthcare Providers:** The platforms are primarily research-focused or complex for direct clinical use.
* **Fragmented Decision-Making and Healthcare Services:** No integrated system combines diagnosis, patient care, medication tracking, and consultations in a single platform.

## Proposed System

The proposed system is designed to revolutionize Alzheimer’s disease detection by leveraging advanced deep learning algorithms to enhance the way Alzheimer’s is diagnosed and managed. Traditional diagnostic methods, such as cognitive assessments and manual interpretation of brain scans, often suffer from delays, subjectivity, and inconsistencies. This system aims to address these limitations by using AI-powered analysis to improve diagnostic accuracy and facilitate early detection, which are essential for timely intervention and improved patient outcomes. Central to the system is a comprehensive dataset of brain imaging, including MRI scans from both healthy individuals and those diagnosed with Alzheimer’s disease. It incorporates a diverse range of data that captures various stages of the disease: from healthy individuals (control group) to early-stage Alzheimer’s patients, where subtle changes in brain structure begin to appear, and moderate to severe Alzheimer’s patients, where significant brain atrophy and cognitive decline have occurred. By using MRI scans across these different stages, the system can recognize differentiated patterns of brain abnormalities, enabling early detection that is critical for timely intervention. Deep learning models, such as Convolutional Neural Networks (CNNs**)** and Deep Neural Networks (DNNs)**,** are employed to analyse these scans, extracting complex patterns and features that are crucial for identifying early signs of Alzheimer’s.

Merits of the Proposed System

* **Comprehensive Data Utilization:** Incorporates MRI scans from both healthy individuals and Alzheimer’s patients for better training.
* **Efficient Data Processing:** Uses grayscale conversion and preprocessing for simplified and enhanced feature extraction.
* **Advanced Feature Extraction:** Leverages CNNs and DNNs for accurate detection.
* **Optimized Performance:** Potential integration of transfer learning to improve accuracy.
* **Reliable Evaluation:** Assesses performance using key metrics like accuracy and specificity.
* **Ethical and Medical Collaboration:** Developed in coordination with healthcare professionals for practical implementation.
* **User-Friendly Interface:** Designed for clinicians to ensure ease of use and accessibility in medical settings.

# PROBLEM FORMULATION

## Main Objectives

The main objectives of the proposed Alzheimer’s Detection System are to enhance early diagnosis**,** improve patient care, and enable continuous monitoring throughout the progression of the disease. By leveraging deep learning algorithms to analyse brain imaging data (using MRI scans), the system aims to provide early detection of Alzheimer’s, facilitating timely interventions and improving patient outcomes. It also focuses on offering personalized treatment recommendations based on the patient’s stage of the disease, helping healthcare providers make informed decisions. The system’s continuous monitoring feature will allow healthcare professionals to track the disease's progression, ensuring that care plans can be adjusted as needed. Additionally, the system will be designed with a user-friendly interface, making it easy for healthcare providers to seamlessly integrate into their workflow and effectively manage Alzheimer’s disease.

## Specific Objectives

The specific objectives of the Alzheimer’s Detection System are to enhance early detection, provide personalized care, and improve disease management. The system aims to use deep learning algorithms to analyse brain imaging data, using MRI scans, to detect early signs of Alzheimer’s disease, enabling timely and accurate diagnosis. It focuses on providing personalized treatment recommendations, helping healthcare providers make informed decisions for targeted and effective care. Additionally, the system continuously monitors changes in brain structure and cognition, ensuring that care plans can be adjusted as needed throughout the disease’s progression. The user-friendly interface ensures ease of use for

clinicians when reviewing patient data and making treatment decisions. These objectives collectively work to improve the early diagnosis, management, and ongoing care of Alzheimer’s patients.

## Methodology

The methodology for developing the Alzheimer’s Detection System follows a structured approach involving both hardware and software components to ensure a smooth, efficient, and effective operation.

Hardware requirements:

* **Operating System**: The system is designed to run on Windows 10, providing a stable platform for development and deployment.
* **Processor**: The system requires a Core i5 processor, offering the necessary computational power to handle deep learning algorithms and large datasets.
* **RAM**: A minimum of 8GB of RAM is required to ensure smooth processing of data and uninterrupted operation, especially when analysing brain imaging data.
* **Storage**: A 100 GB ROM is needed for storing MRI scans, system files, and other data essential for the application.

Software requirements:

* **Frontend**: The user interface is developed using HTML, CSS, and JavaScript to create a responsive, interactive, and accessible platform for healthcare professionals.
* **Backend**: The backend of the system is powered by Python and Django, providing a robust framework for handling deep learning models and processing large datasets.
* **Database**: **SQLite3** is used for managing and storing patient data, allowing efficient querying and data management without complex configurations.

## Platform Selection

The proposed system is designed as a web-based application to ensure accessibility, scalability, and ease of use for healthcare professionals and patients. A web-based approach allows users to access the system from any location, eliminating the need for specialized hardware and enabling remote diagnosis and monitoring.

To ensure robustness and efficiency, the system is developed using modern frameworks and technologies:

* **Frontend:** The user interface is built using HTML, CSS, and JavaScript, providing a responsive and intuitive design for healthcare professionals and patients.
* **Backend:** The backend is powered by Python and Django, offering a secure and scalable framework to process MRI scan data and manage user interactions.
* **Database:** SQLite3 is used as the primary database for storing patient records, diagnostic reports, and medical history, ensuring efficient data management.

1. **SYSTEM ANALYSIS AND DESIGN**

## System Analysis

The proposed system uses deep learning and AI to automate Alzheimer’s detection from MRI scans. It provides a web-based platform for medical professionals to upload MRI images and receive accurate diagnostic results.

Aims To:

* Reduce diagnostic time
* Enhance accuracy
* Store and manage records securely

Functional Requirements:

* User Management: Authentication and authorization
* MRI Image Upload: Secure upload
* Deep Learning Analysis: CNN-based detection
* Diagnosis Reports: Auto-generated results
* Patient Record Management: Store past reports

Nonfunctional Requirements:

* Scalability: Supports multiple users
* Usability: User-friendly interface
* Performance: Fast processing and response time

## Feasibility Analysis

## Technical Analysis

Hardware requirements:

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      * **Database**: SQLite3 is used for managing and storing patient data, allowing efficient querying and data management without complex configurations.
    1. **Economical Analysis**

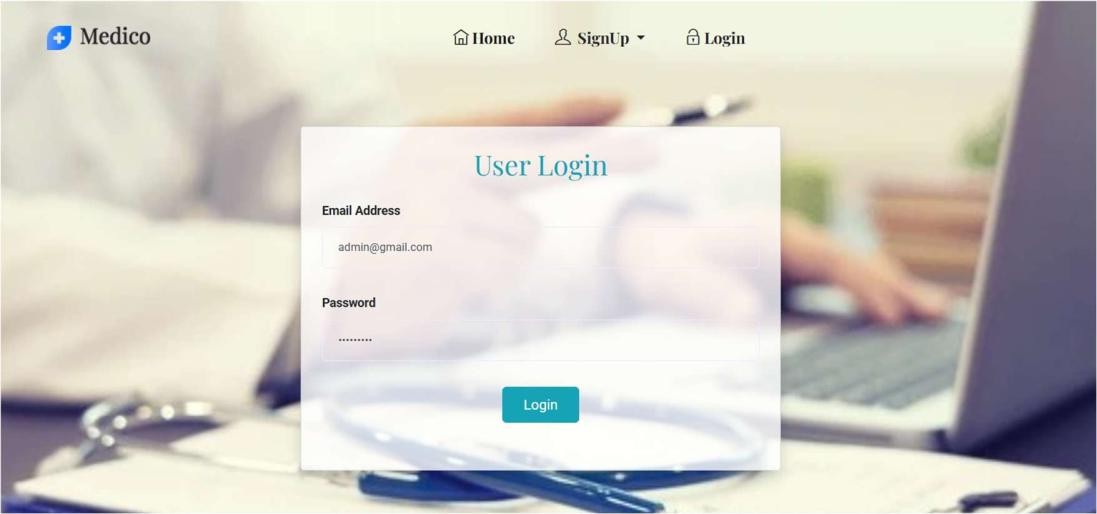
Economic analysis assesses the cost-effectiveness of the Alzheimer’s Detection System, ensuring that development and maintenance costs are justified by its benefits in improving diagnosis and patient care.

1. Deployment Costs
   * Involves software setup, system integration, and staff training.
   * Minimal physical infrastructure reduces implementation costs.
2. Reduced Diagnosis Costs
   * Automates MRI analysis, lowering labor and repeat test costs.
   * Speeds up diagnosis, reducing reliance on manual assessments.
3. Improved Efficiency in Healthcare
   * Enables early intervention, lowering long-term care expenses.
   * Supports faster diagnosis and increases patient handling capacity.
4. Scalability & Accessibility
   * Cloud-based system reduces hardware costs.
   * Accessible to smaller clinics and remote areas.
   * Enables real-time access to reports.
5. Long-term ROI
   * Fewer misdiagnoses and better patient outcomes.
   * Reduces hospital admissions and resource strain.
   * Supports research and may attract funding or insurance integration.
     1. **Performance Analysis**

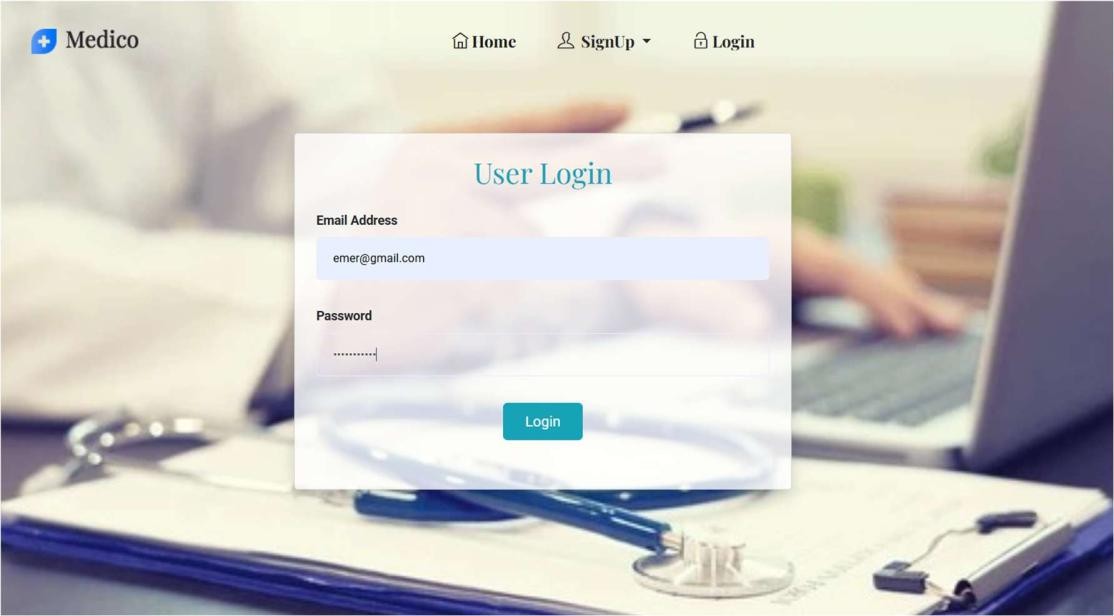
Performance analysis assesses the efficiency, speed, and reliability of the Alzheimer’s Detection System to ensure it meets healthcare and technological standards.

1. Accuracy & Reliability
   * Assesses how consistently the system delivers clinically valid results by comparing with expert diagnoses and testing with varied datasets.
2. Scalability
   * Tests system performance under increased data and user load to confirm its stability and future-readiness.
3. **SYSTEM DESIGN**
   1. **Input Design**

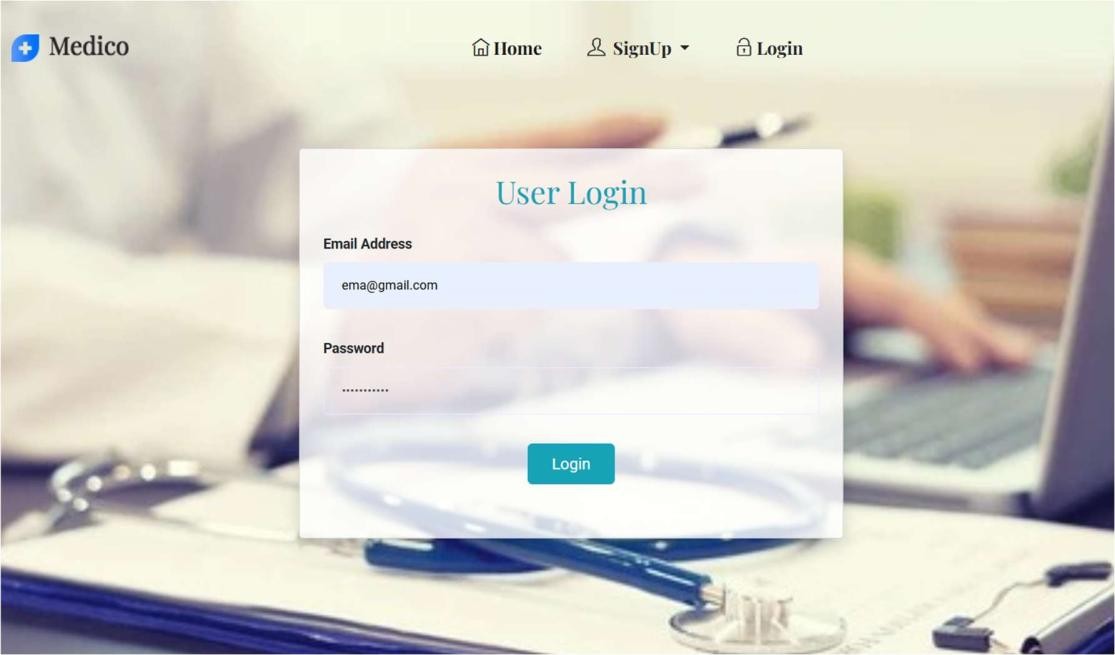
### Admin Panel



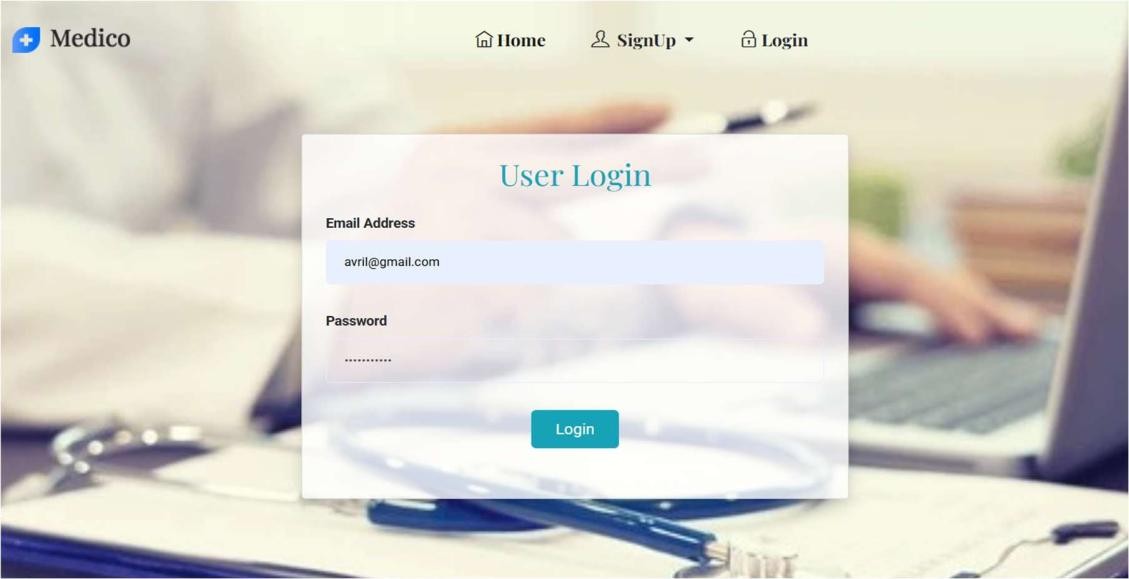
Hospital Reception



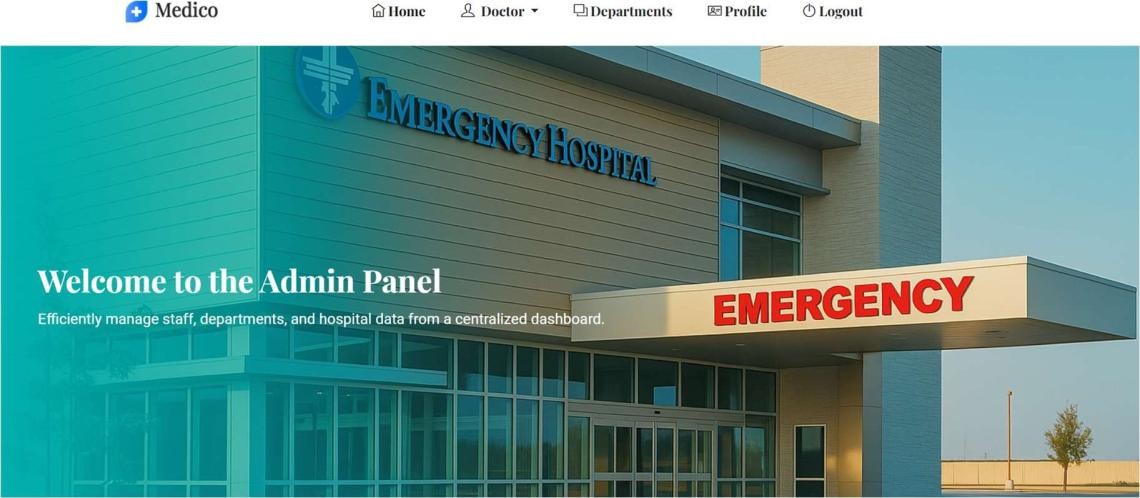
Doctor



Patient



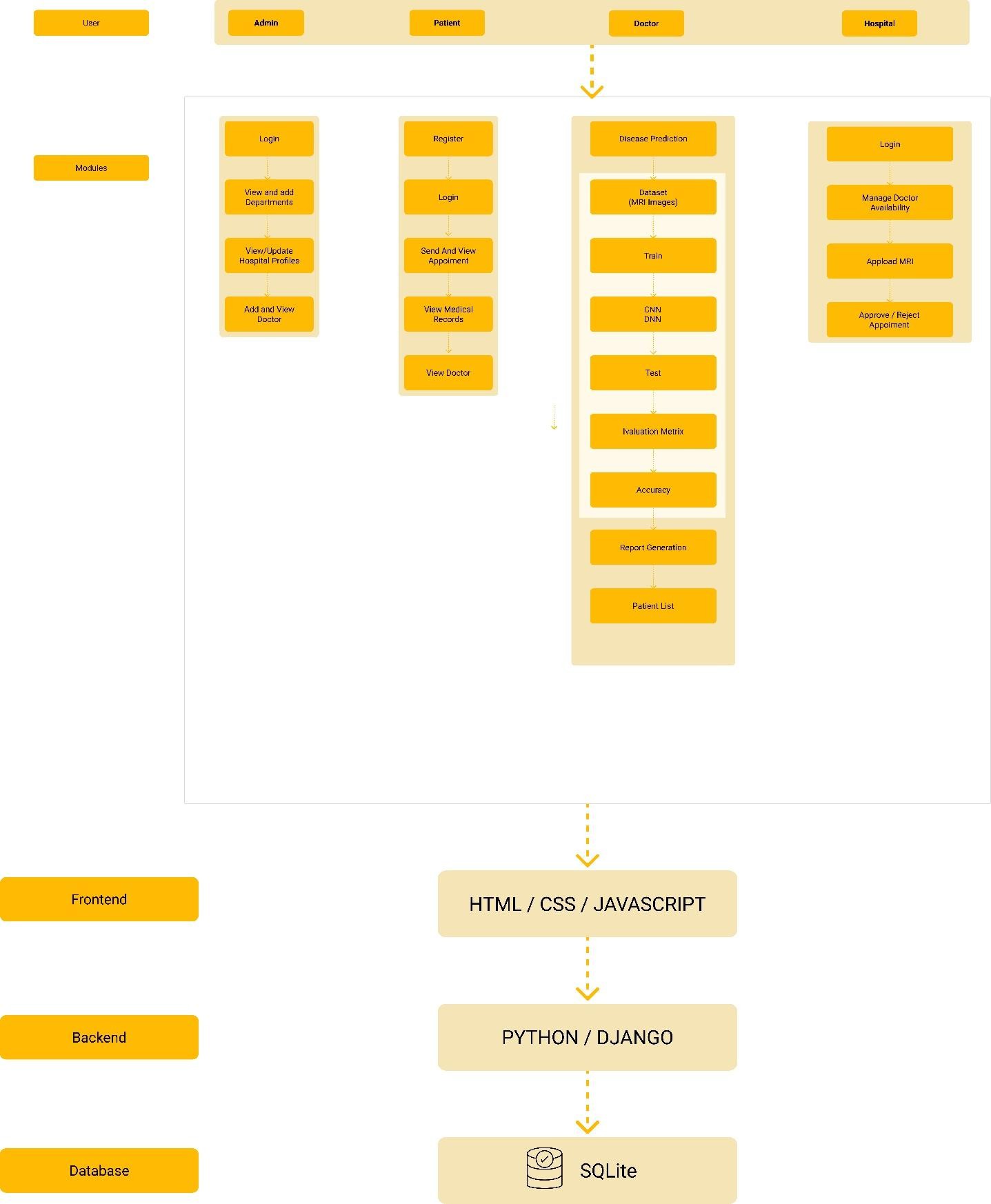
* 1. Output Design

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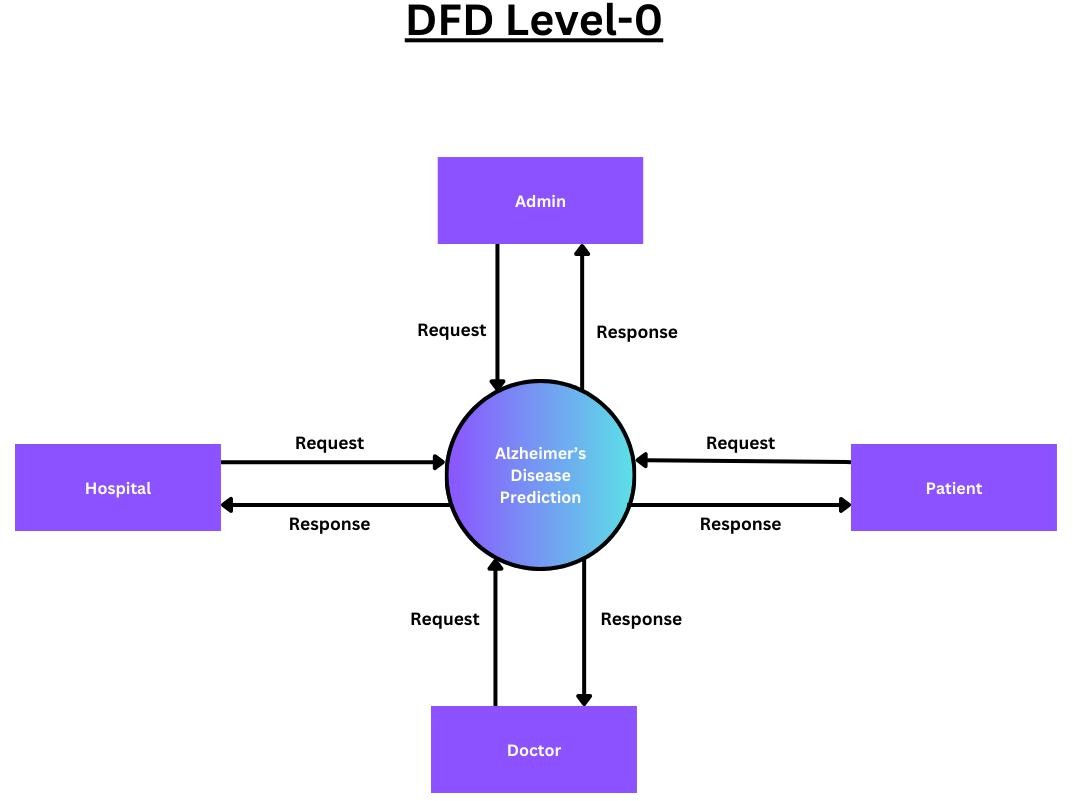


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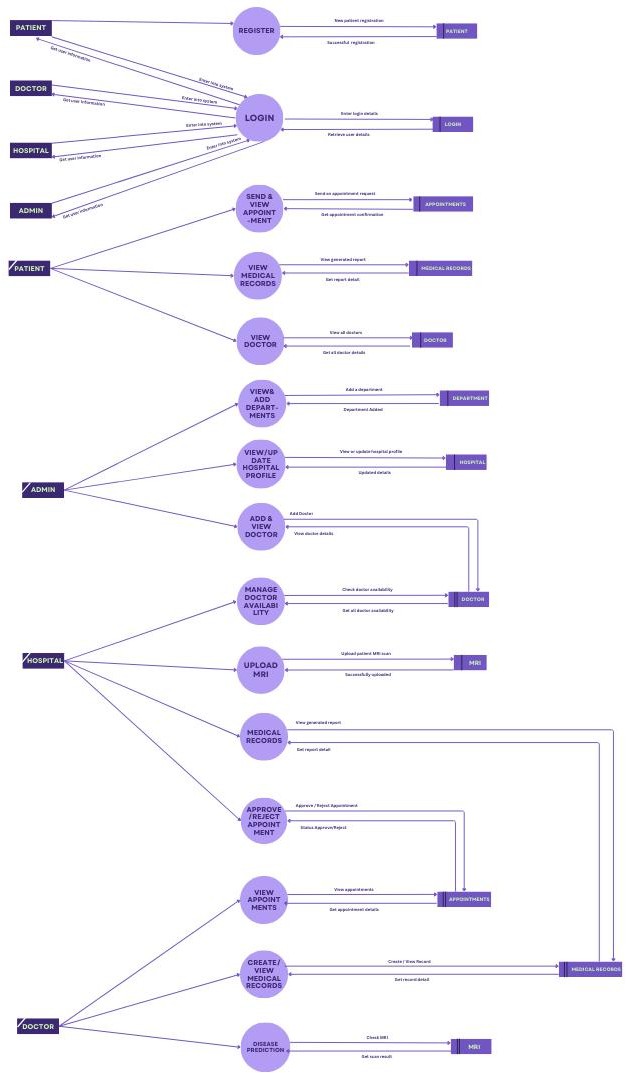
* 1. **Architecture Design**

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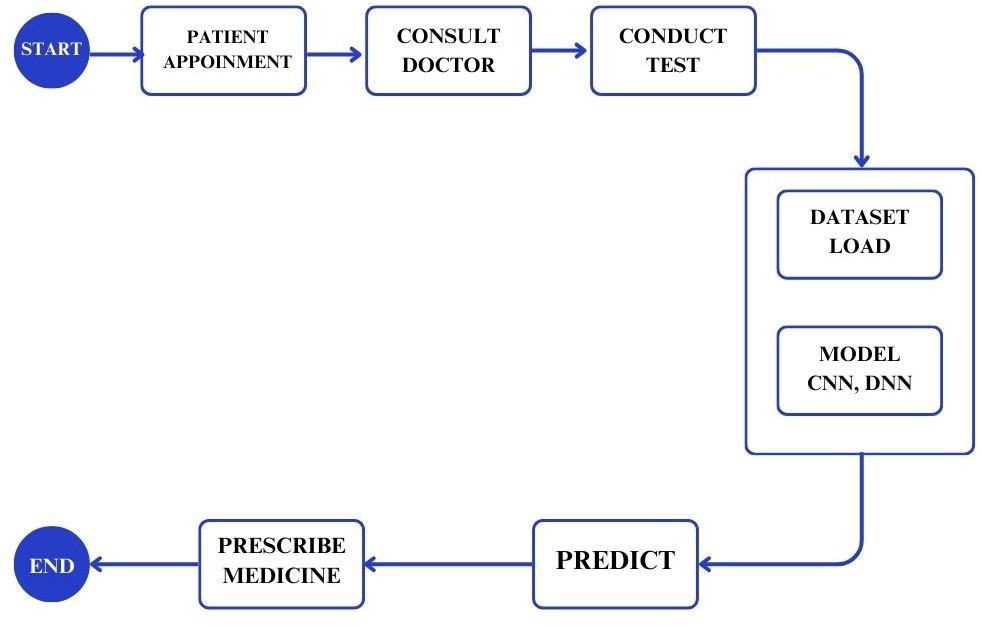
* + 1. **Flow Diagrams**

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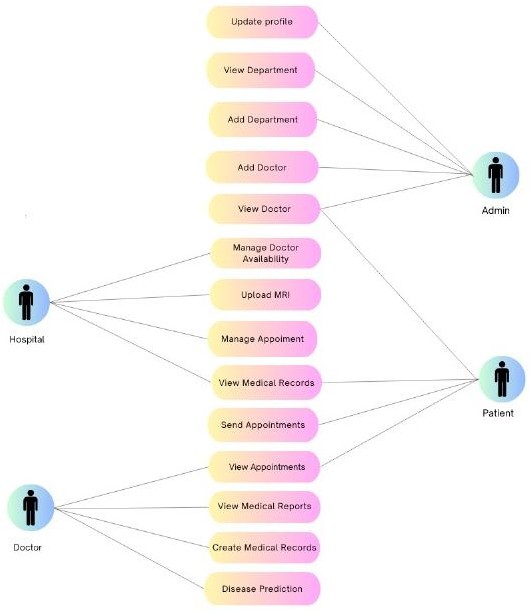
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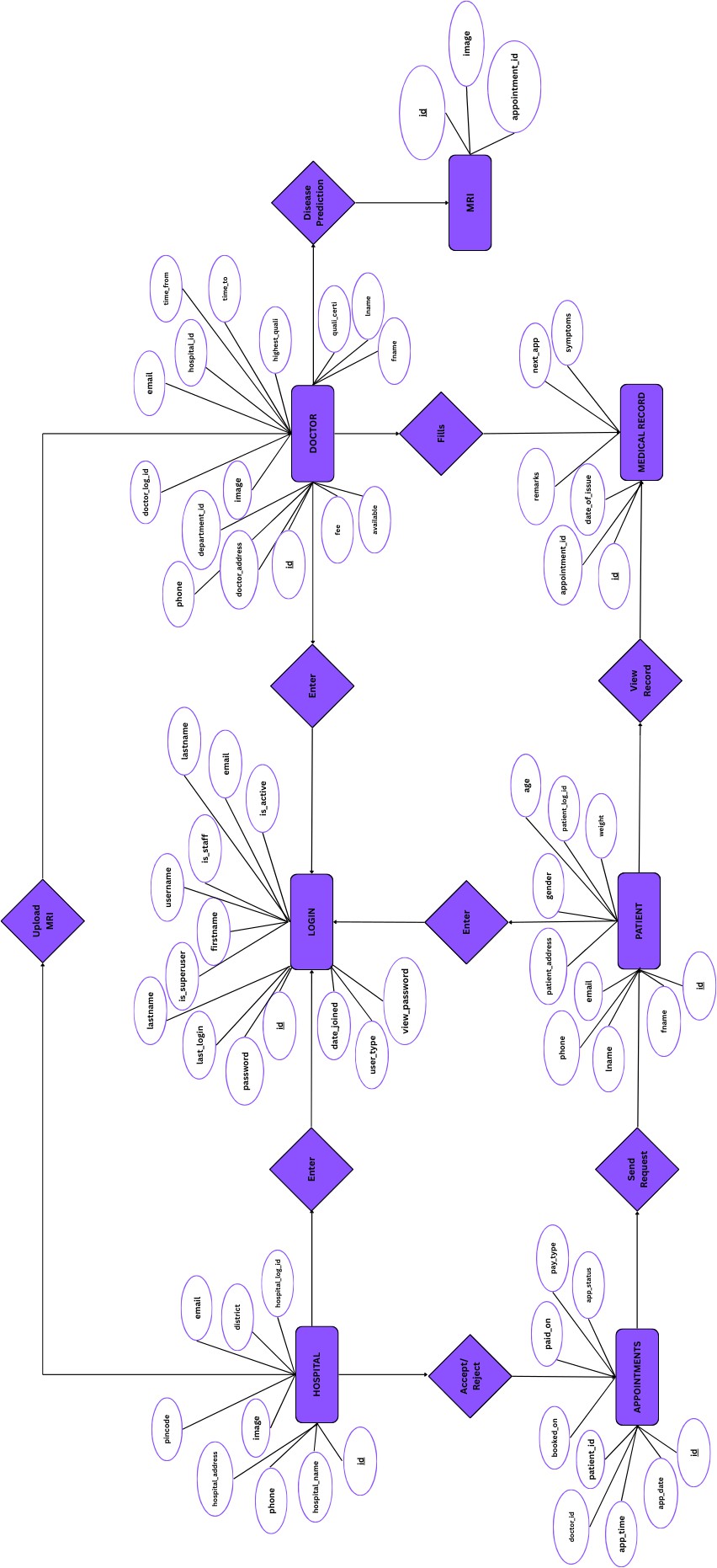
Project Workflow Diagram

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Use Case Diagram

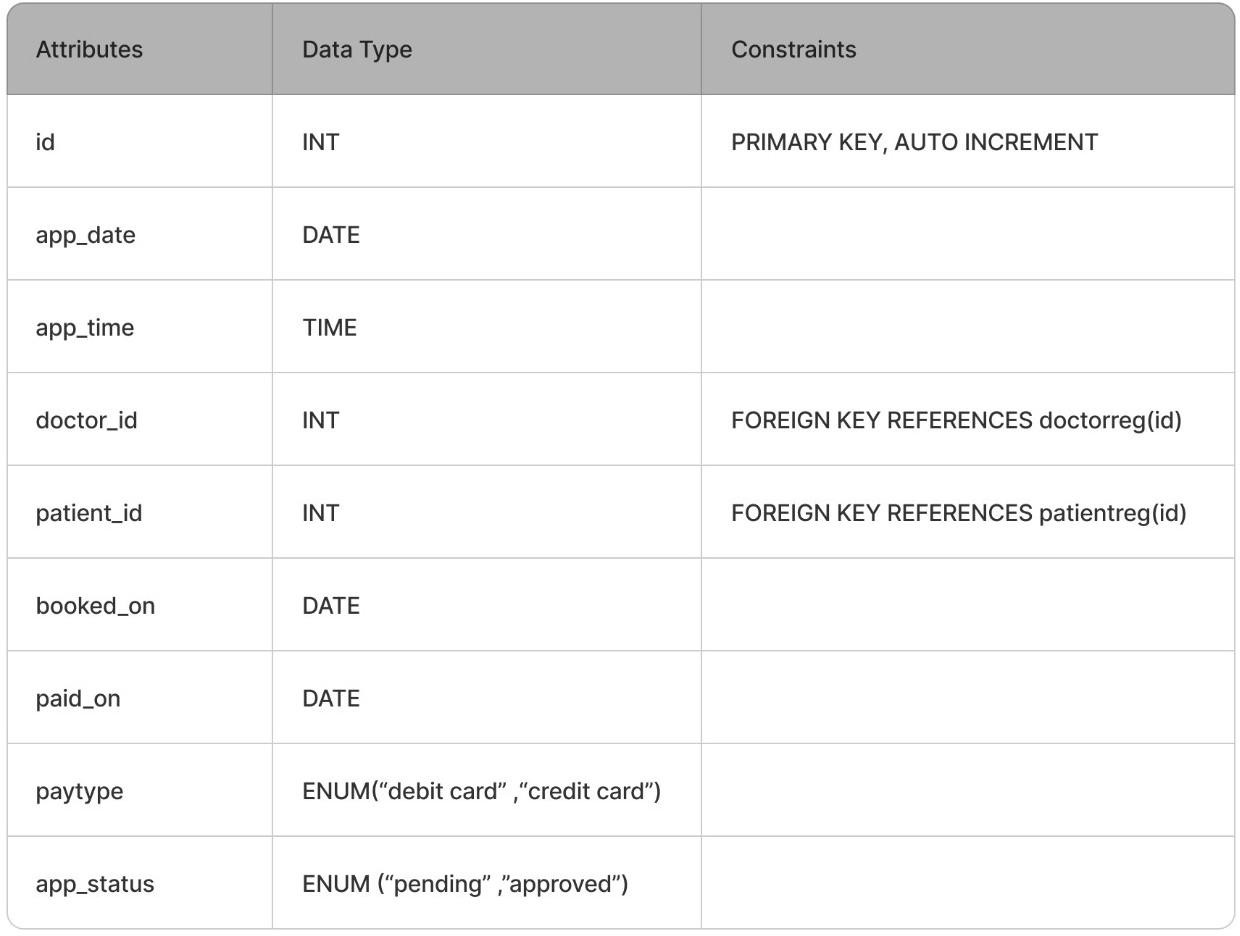
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* + 1. **ER Diagram**

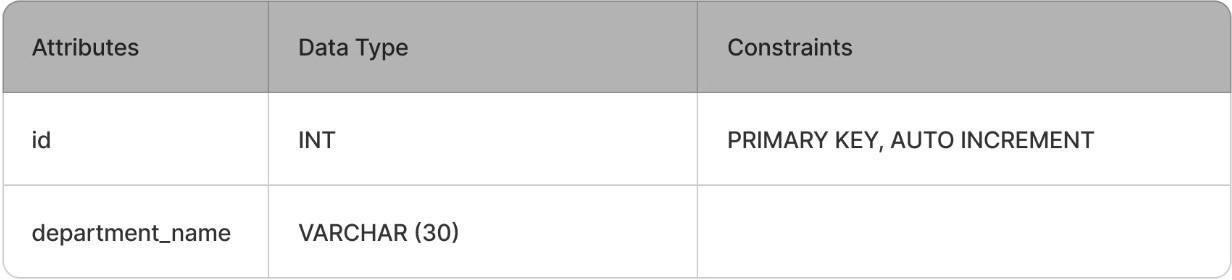
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* + 1. **Table Design**

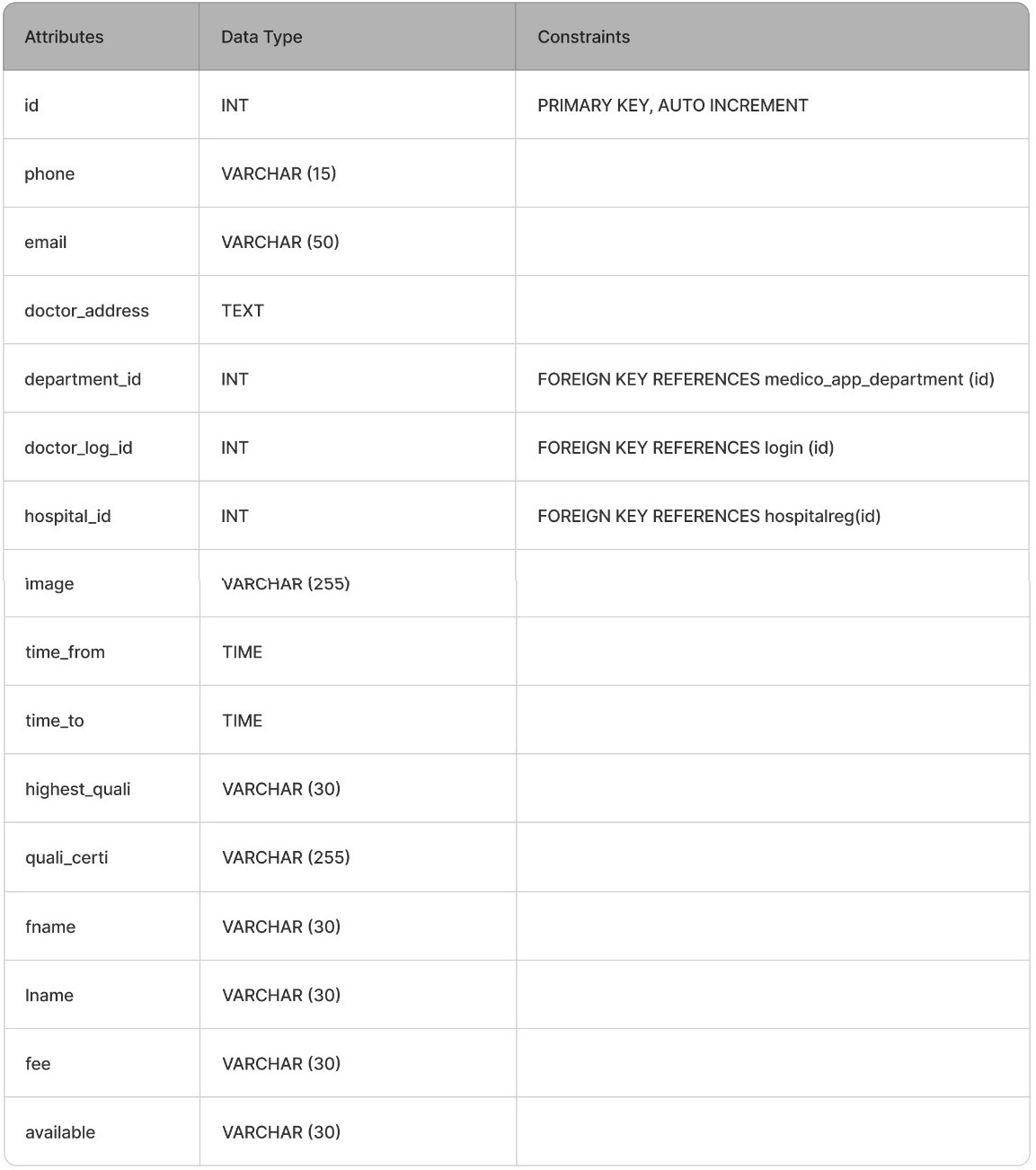
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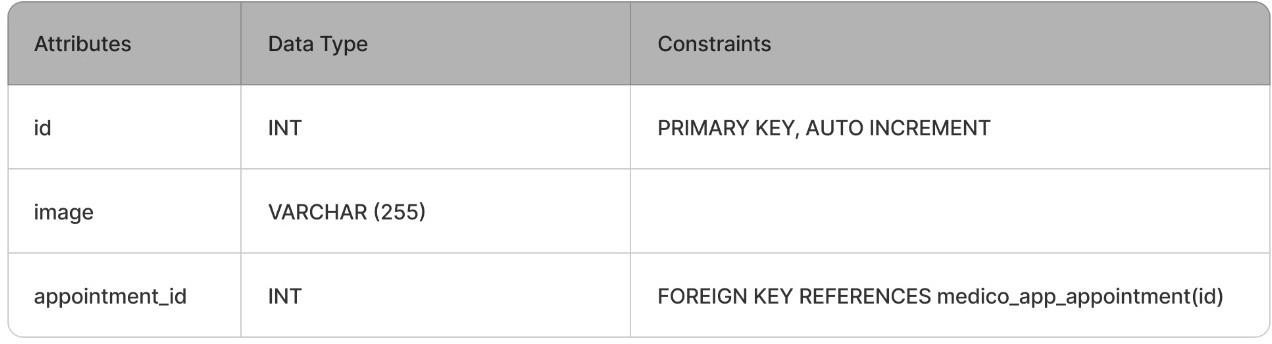
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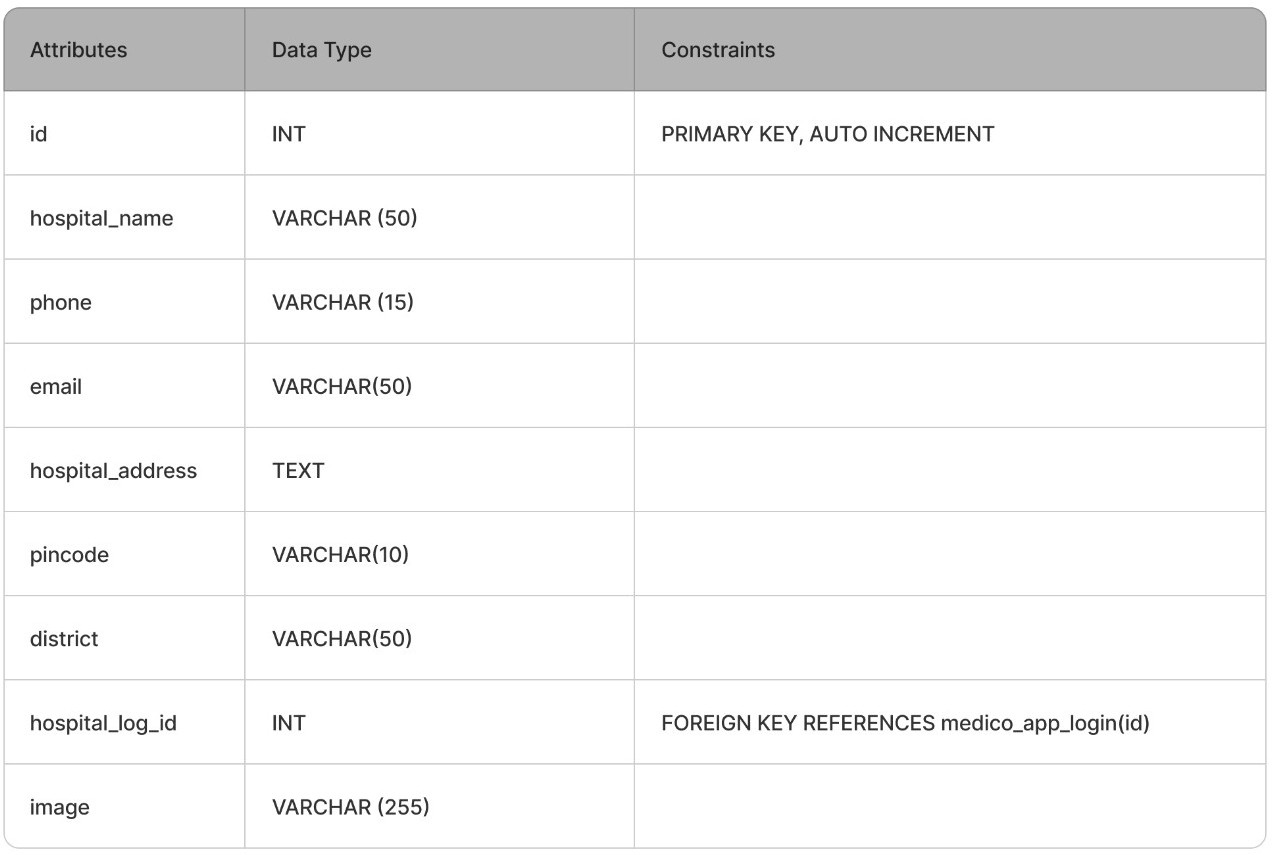
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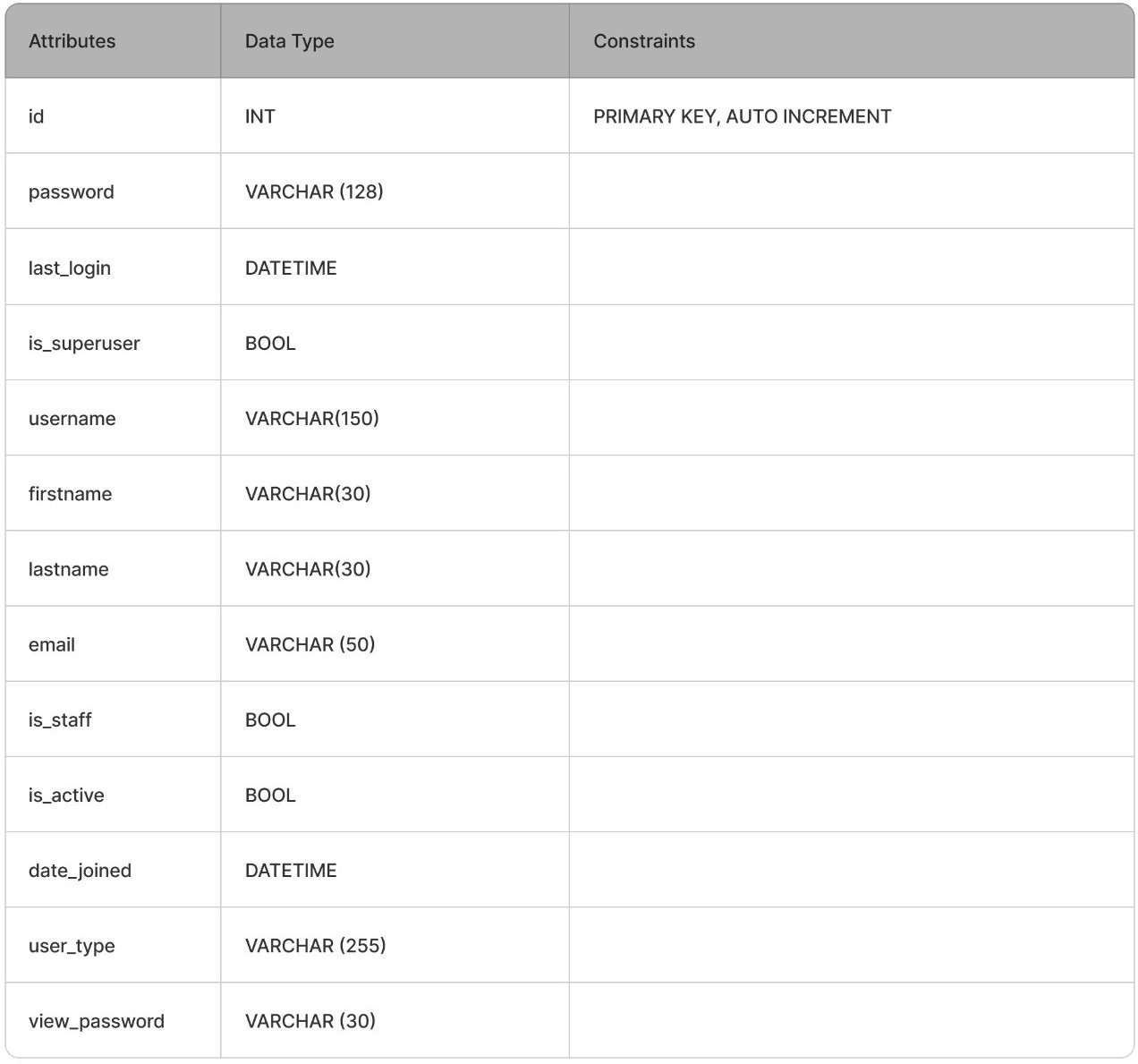
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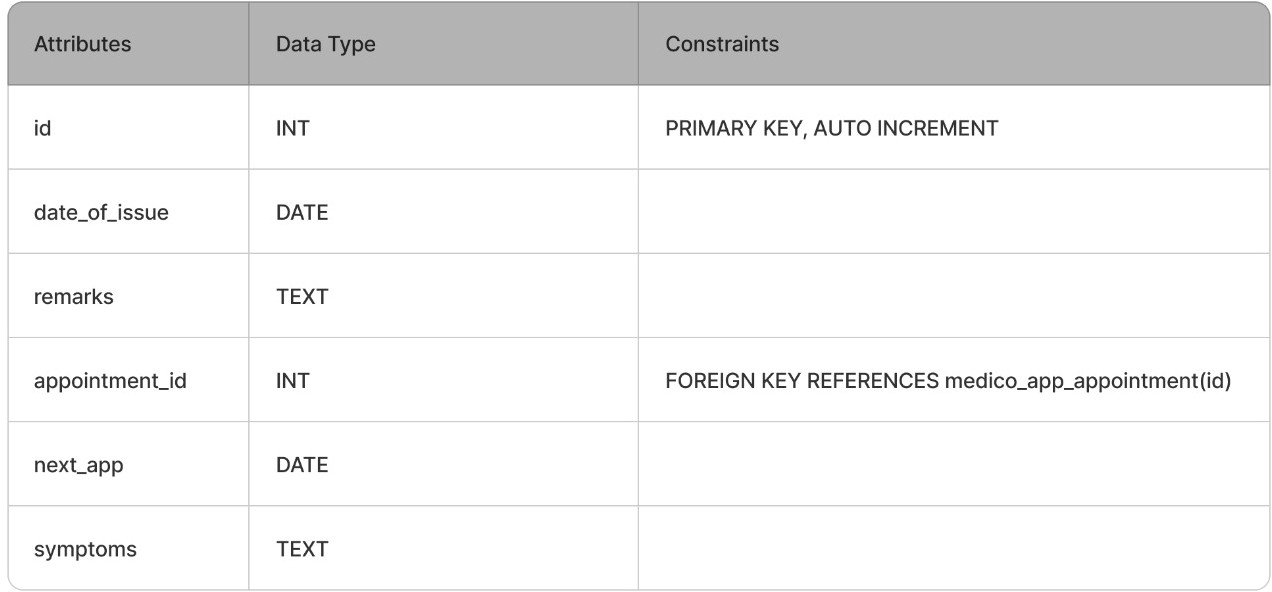
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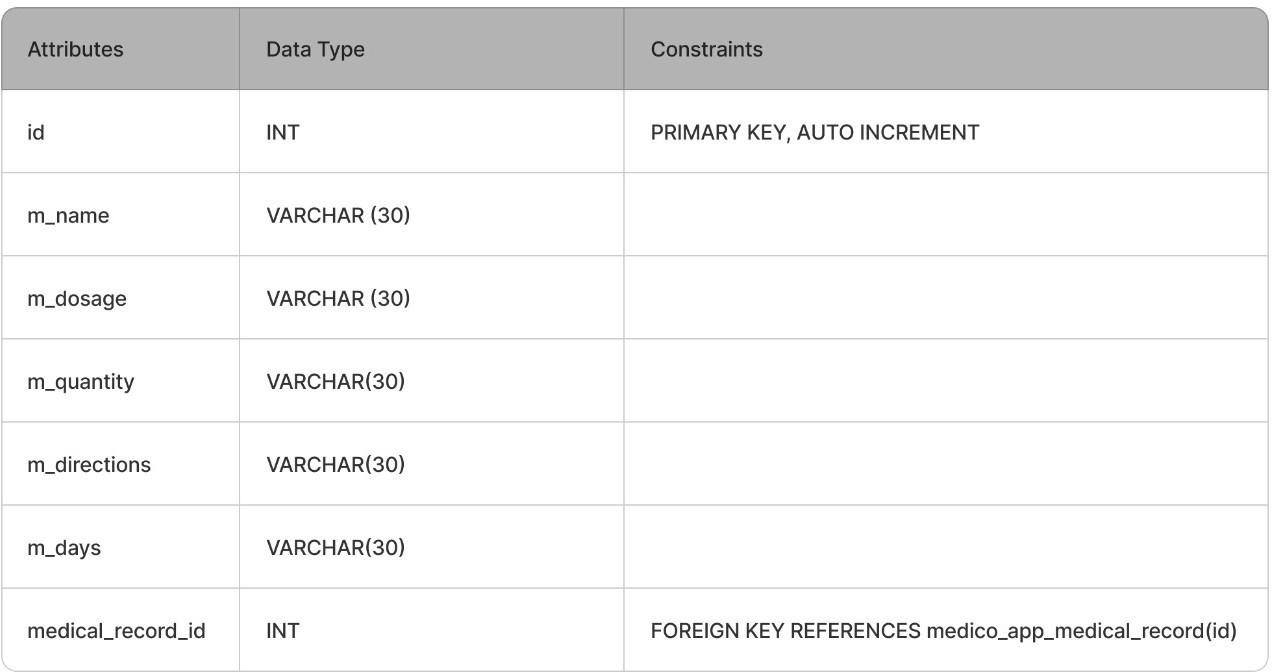
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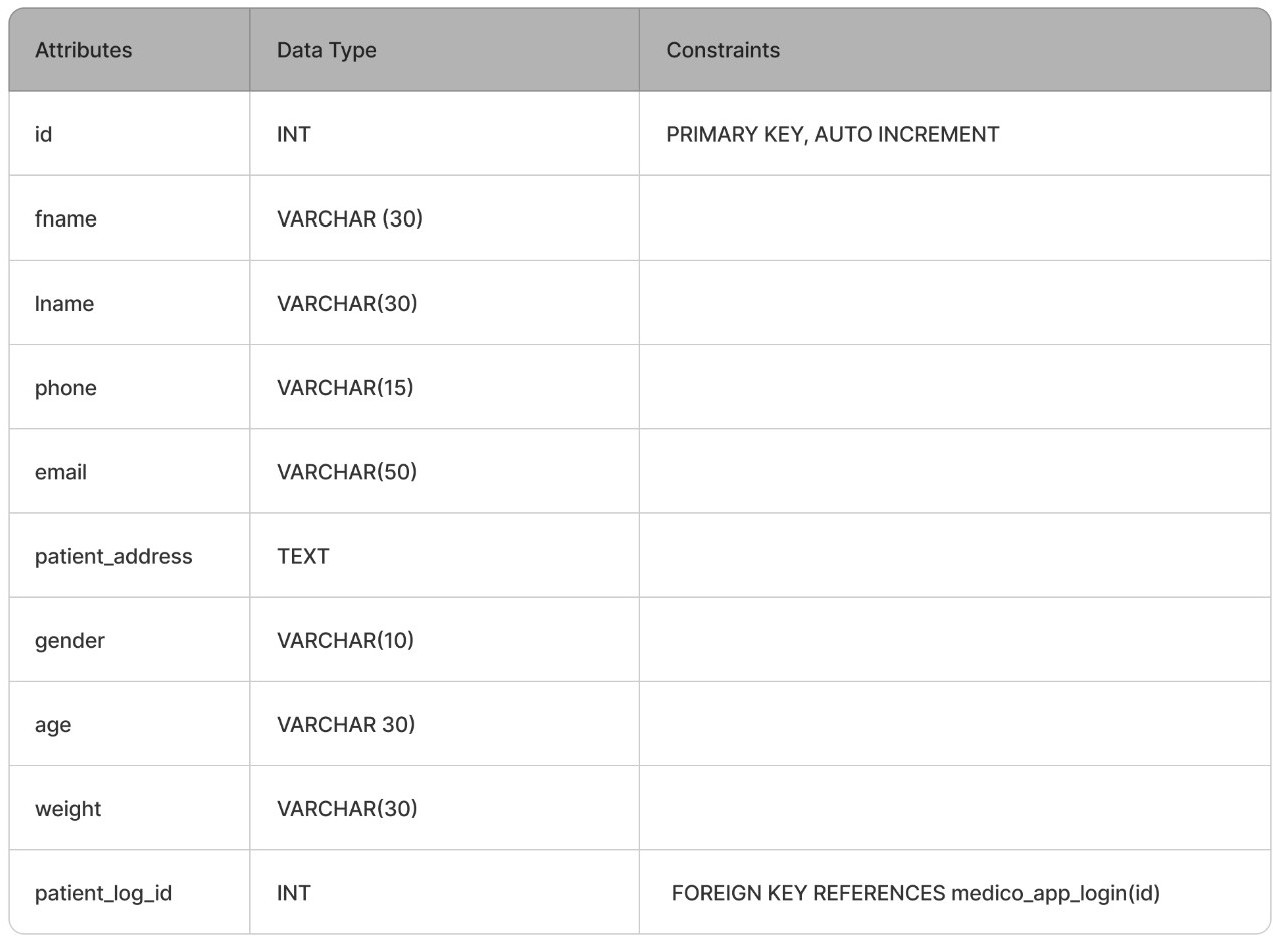
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Medico\_app\_Patient

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1. **SYSTEM TESTING AND IMPLIMENTATION**
   1. **System testing**

System testing ensures that the Alzheimer’s Detection System functions correctly, meets all requirements, and is ready for deployment. It covers the system's functionality, performance, security, compatibility, and usability.

1. Functional Testing
   * **Objective:** Verify that core features like image processing and user access work correctly.
   * **Approach:** Test MRI uploads, disease detection accuracy, and login/data retrieval.
   * **Expected Outcome:** Accurate detection, secure login, and error-free report generation.
2. Compatibility Testing
   * **Objective:** Confirm the system works across different platforms and devices.
   * **Approach:** Run tests on various OS, browsers, and screen sizes.
   * **Expected Outcome:** Smooth operation without UI issues on all supported platforms.
   1. **Maintenance**

Maintenance is vital for ensuring the Alzheimer’s Detection System remains efficient, reliable, and up-to-date. It involves fixing issues, adapting to changes, and improving performance post-deployment.

1. Fixing Issues – Solving bugs, errors, or system crashes that occur during use.
2. Check User Access – Make sure only authorized people can access sensitive data.
3. Maintain Compatibility – Ensure the system works well with different browsers.
4. **CONCLUSION**

The proposed system offers a robust platform for early prediction and management of Alzheimer’s disease, leveraging advanced deep learning algorithms, particularly Convolutional Neural Networks (CNNs) and Deep Neural Networks (DNNs), to analyze MRI scans and neuroimaging data. This enables early detection of Alzheimer's, even in its initial stages, by identifying subtle brain changes often missed by traditional methods, facilitating timely interventions that can slow disease progression and improve outcomes.

Beyond diagnosis, the system includes features for continuous monitoring of cognitive function and disease progression, providing healthcare professionals with real-time data for decision-making. The platform also offers an intuitive interface for healthcare providers to access medical records, track treatment plans, and collaborate with specialists, streamlining patient care.

Designed for ease of use, the system ensures both patients and healthcare professionals can easily navigate its features. Patients benefit from personalized care plans and real-time health tracking, empowering them to manage their condition actively.

By combining early detection, continuous monitoring, and accessible care, the system transforms Alzheimer's diagnosis and management. It improves diagnostic accuracy, tailors interventions to individual needs, and empowers both healthcare providers and patients, potentially enhancing quality of life, reducing costs, and improving patient outcomes.

**9.0 SCOPE FOR FUTURE DEVELOPMENT**

1. Mobile App Support – Create a mobile app for patients and doctors to access reports and appointments easily.
2. Remote Monitoring – Add features to monitor patients from home using wearable devices.
3. Real-time Alerts – Notify doctors or caregivers instantly if abnormal patterns are detected in MRI or behavior data.
4. Multilingual Support – Include different languages to help users from various regions.
5. Voice Assistants – Use voice commands for elderly users to interact easily with the system.
6. **BIBLIOGRAPHY**

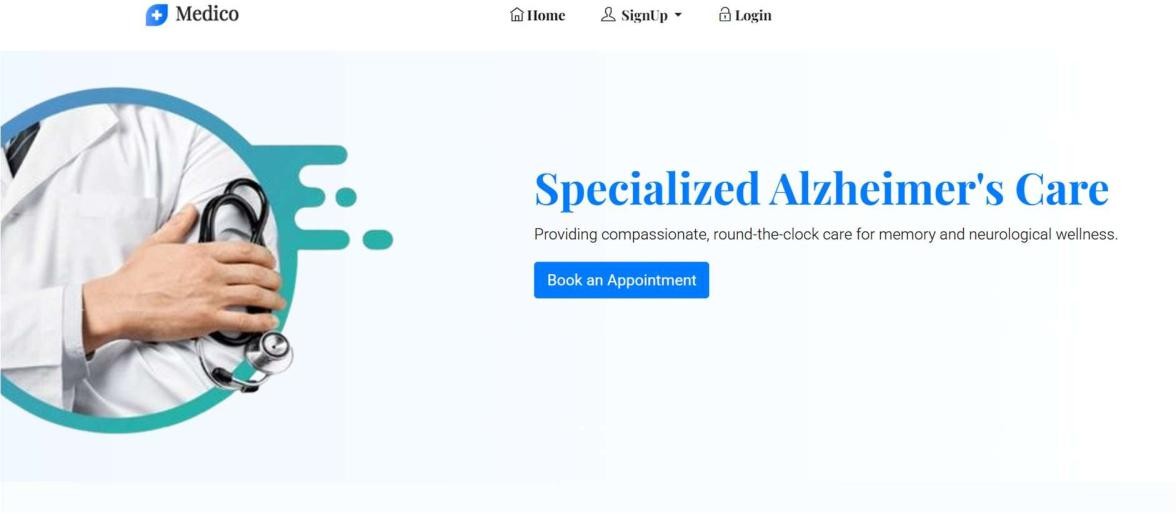
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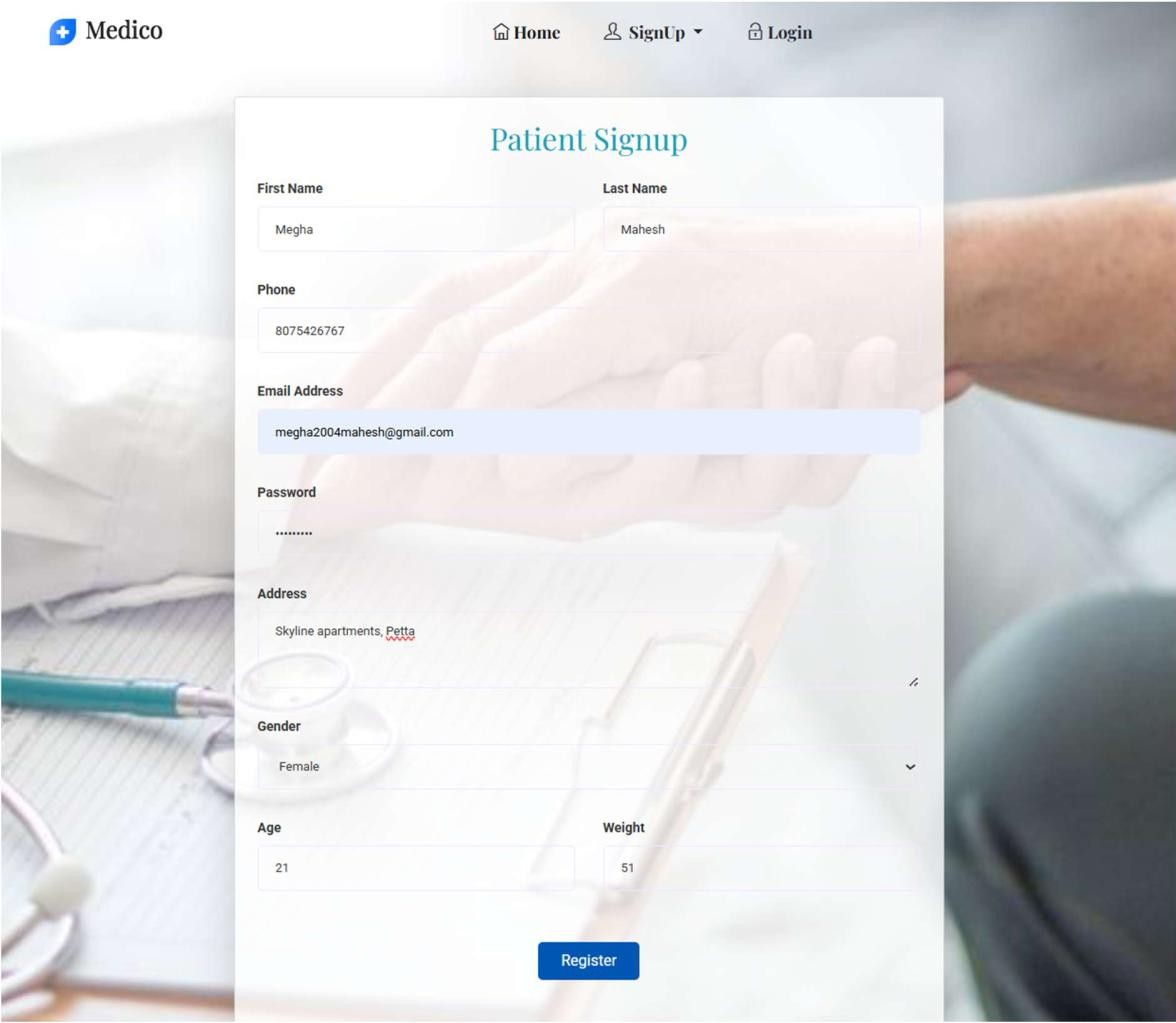
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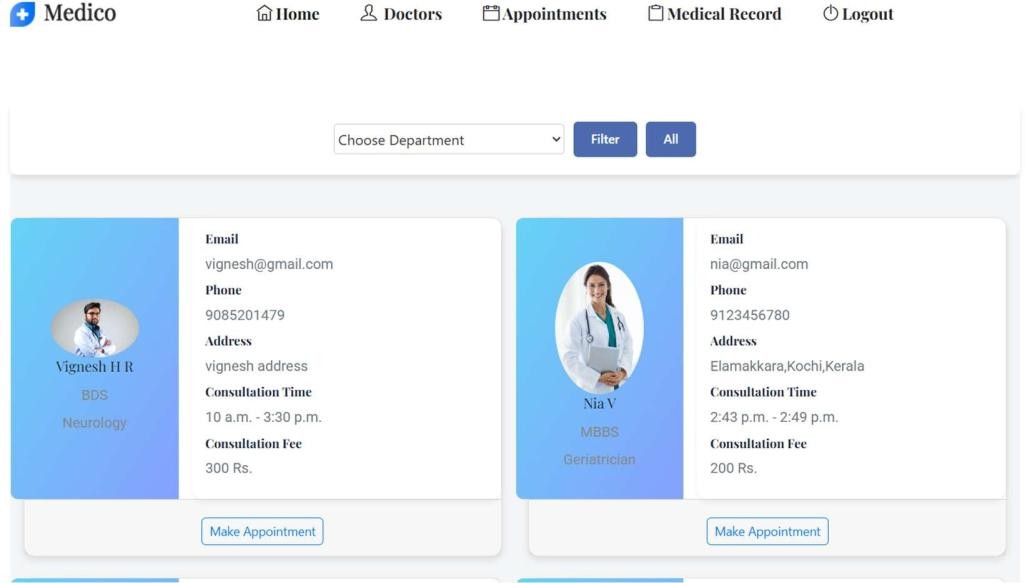
<https://www.geeksforgeeks.org/>

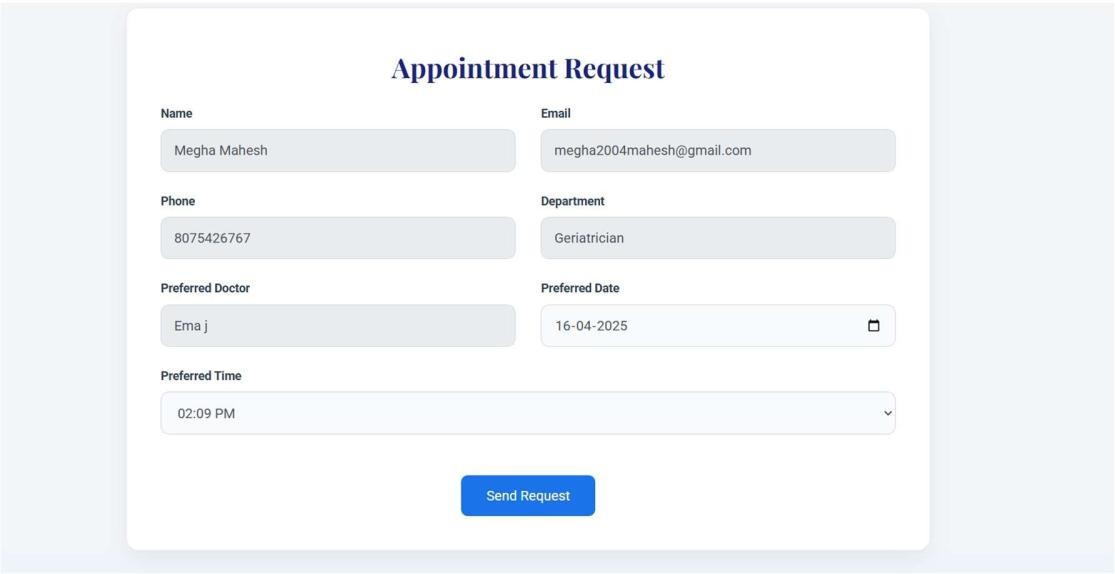
1. **APPENDIX**
   1. **Screenshots**

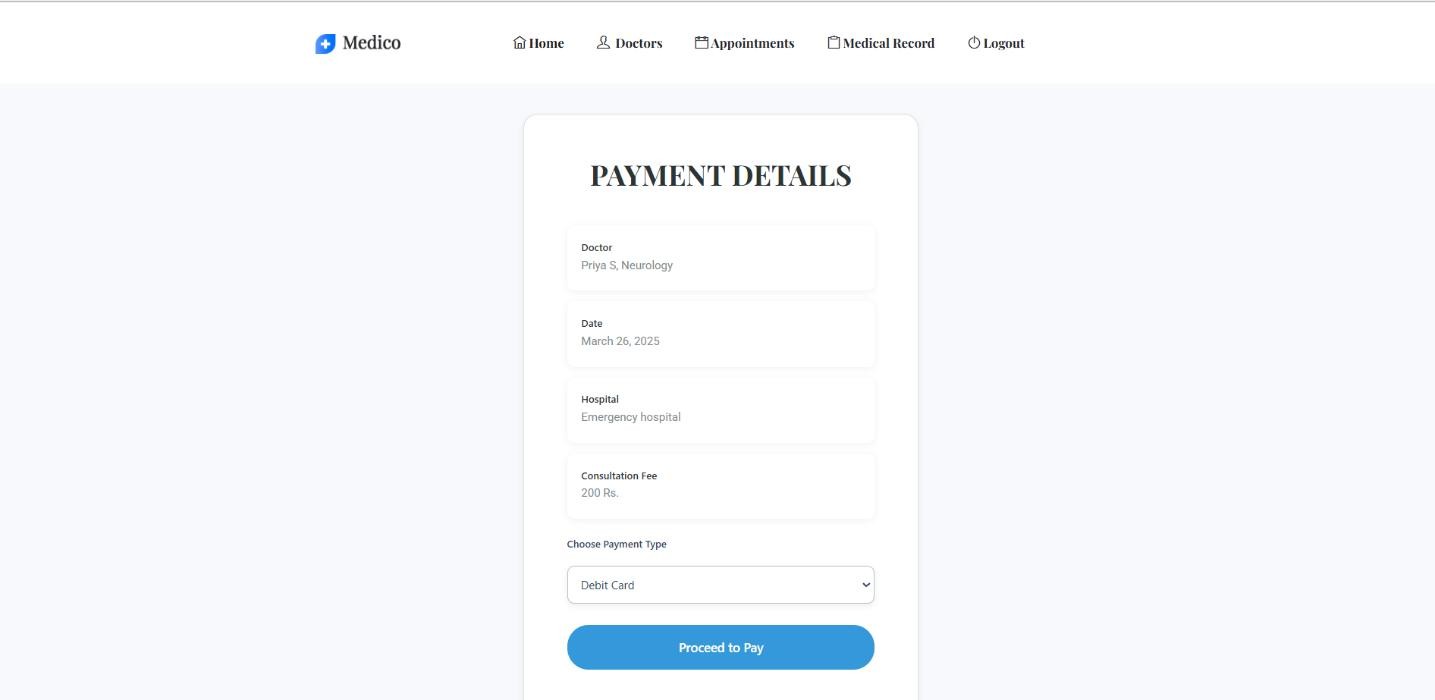
****

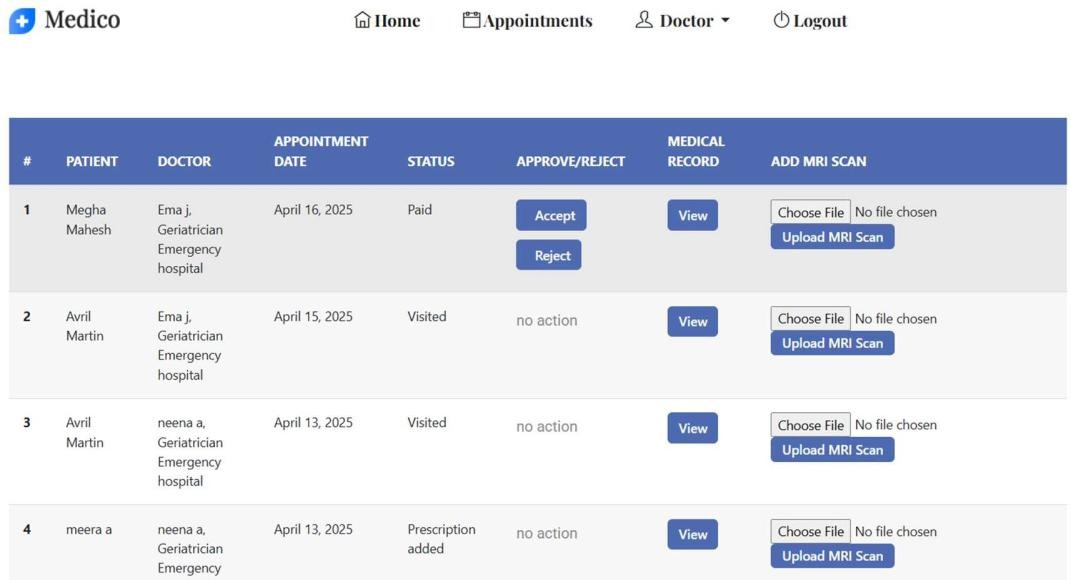
****

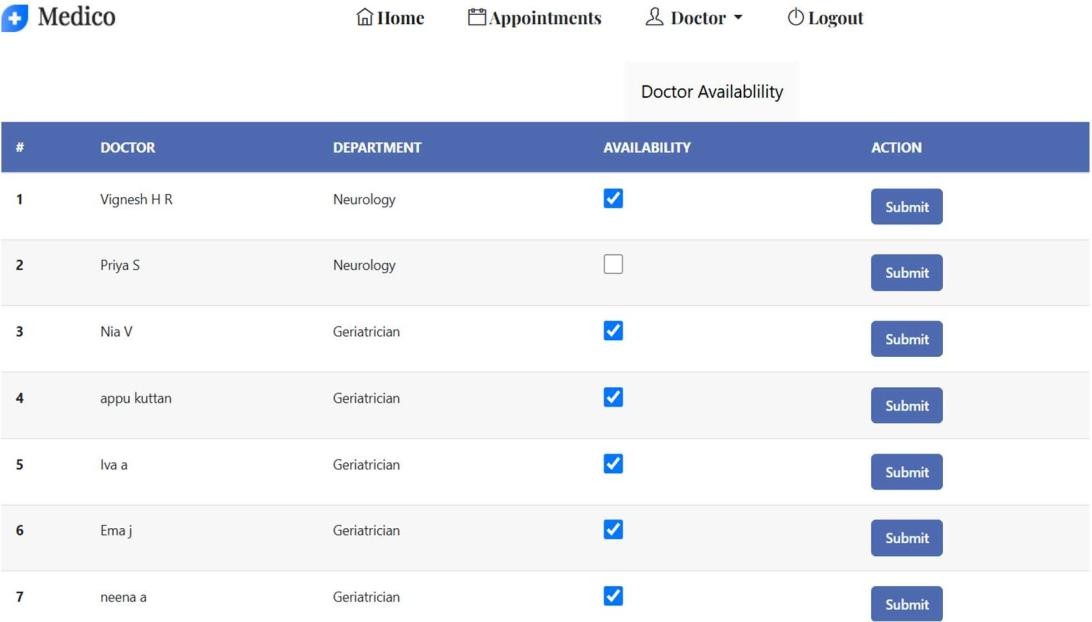


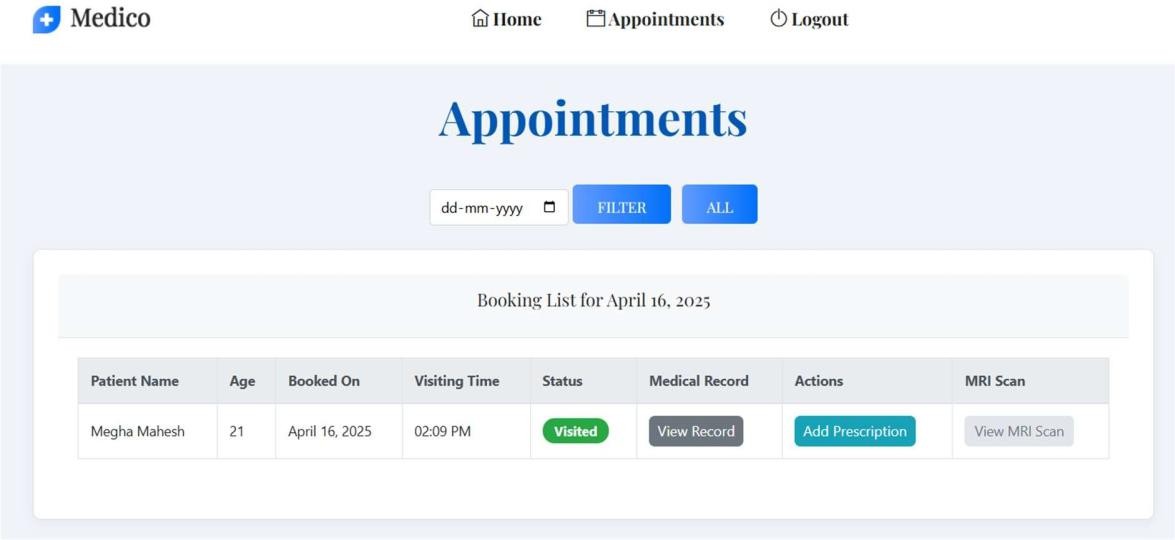
****

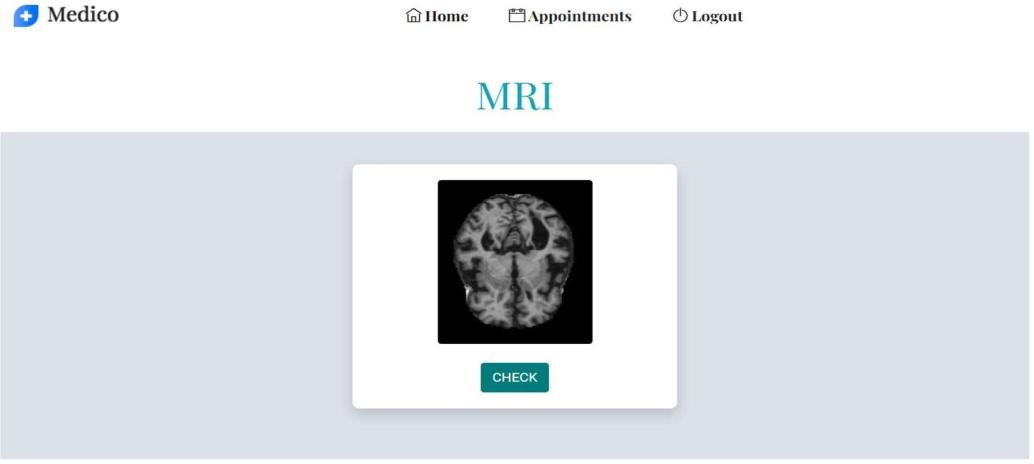


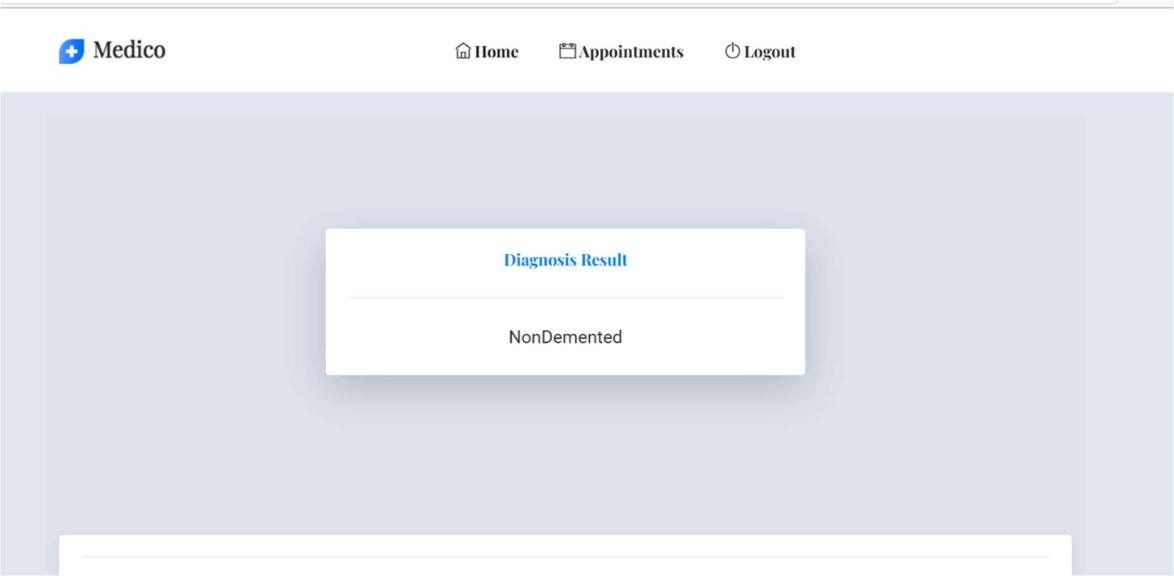
****

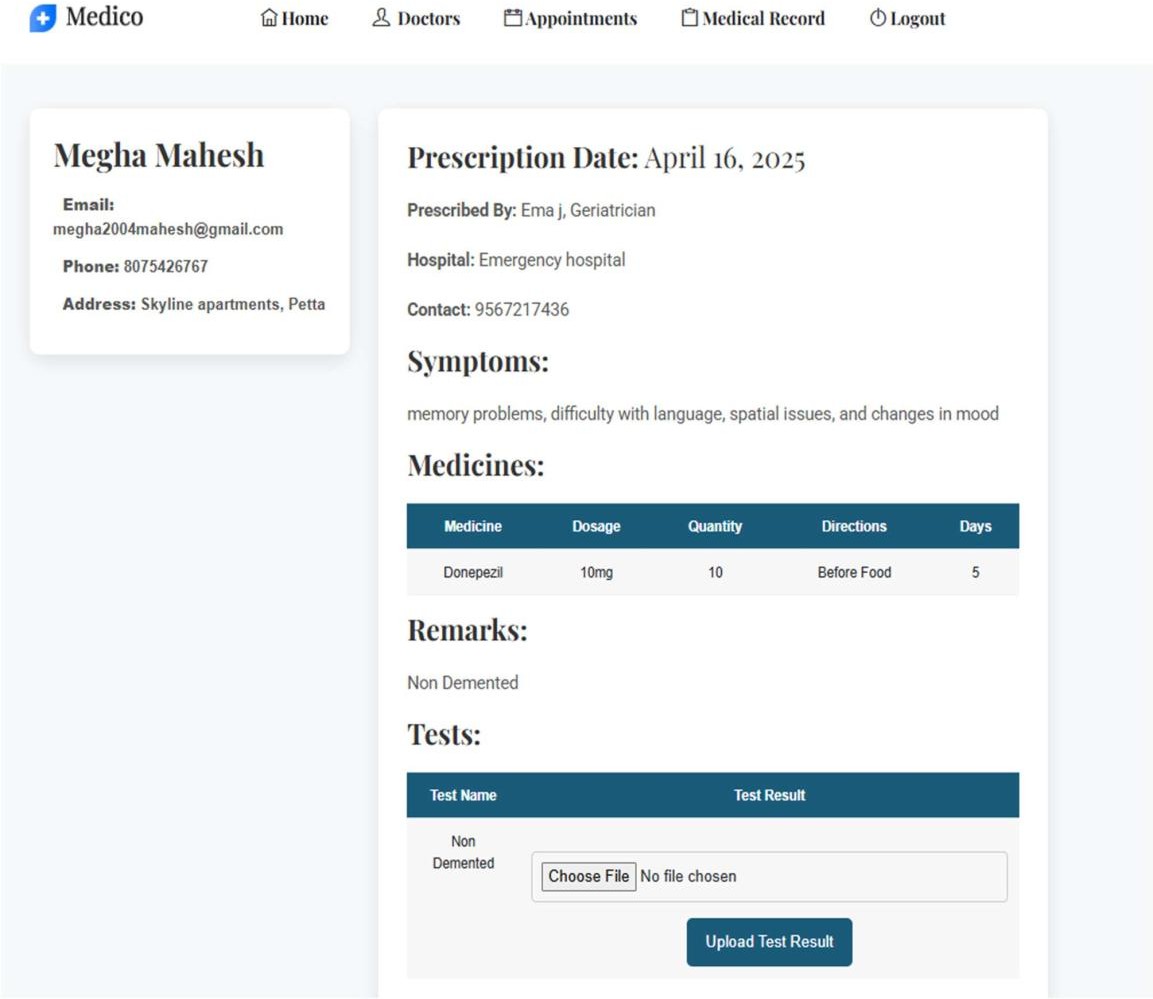


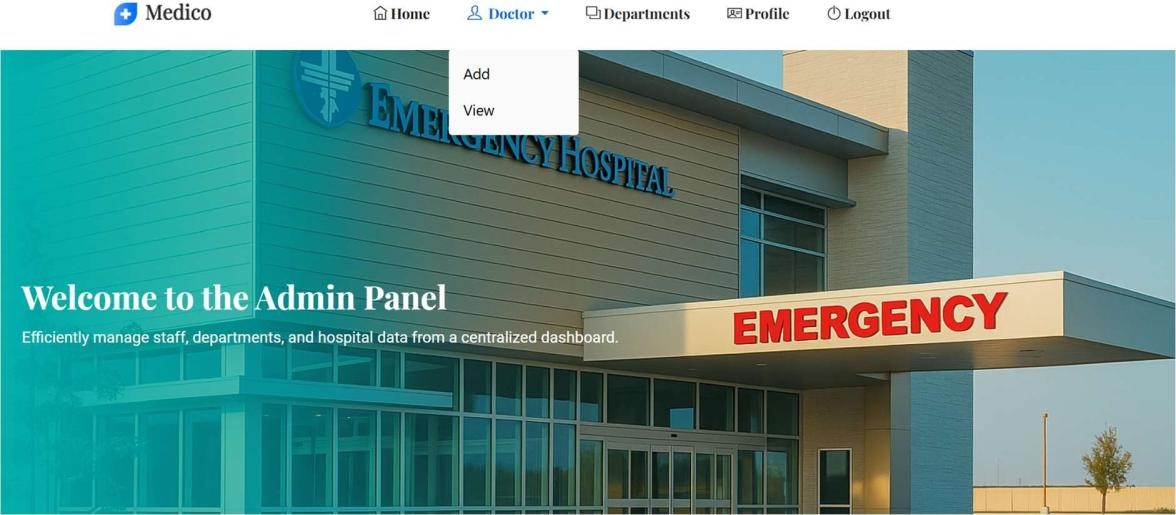
****

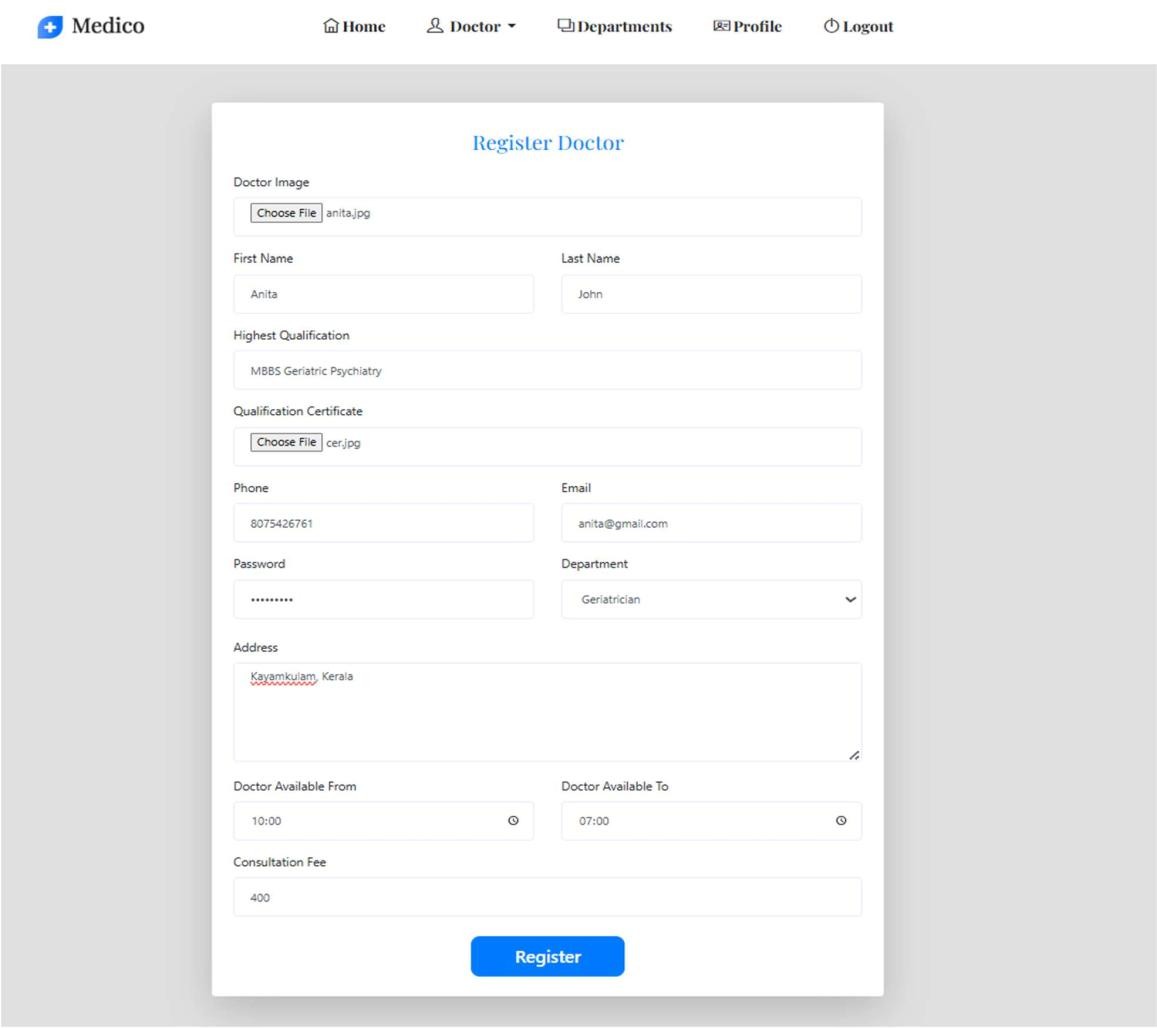


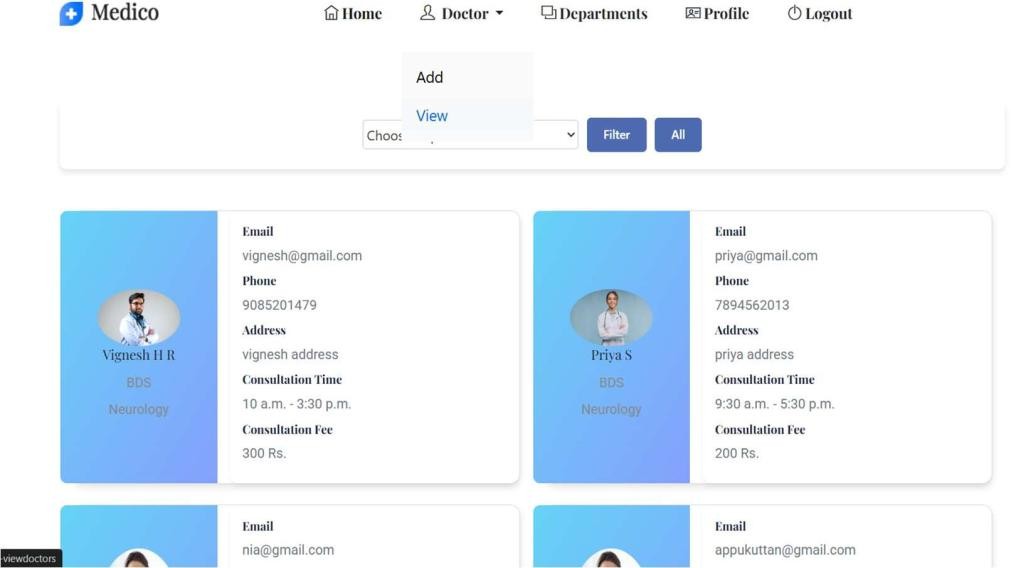
****

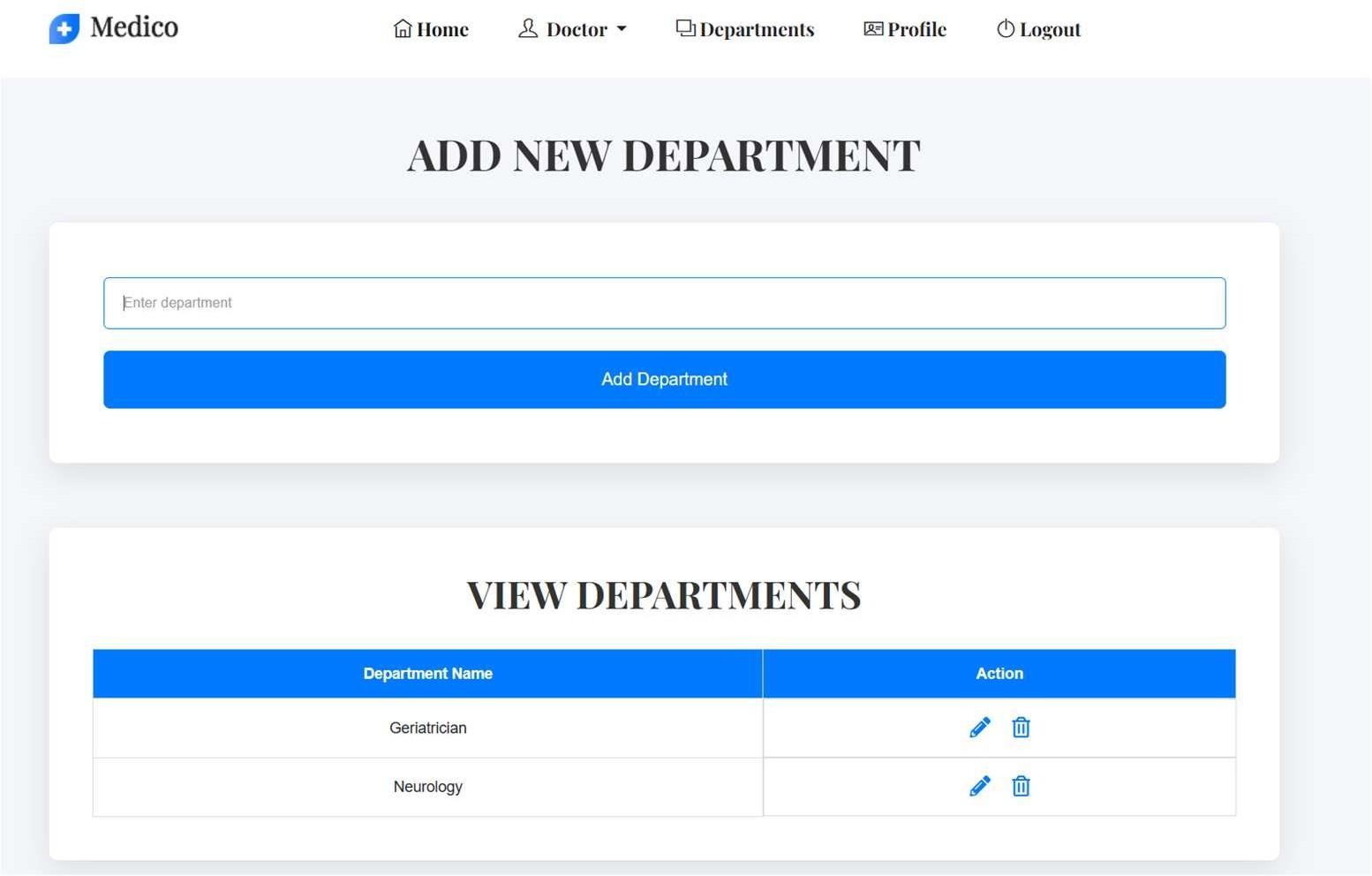
****

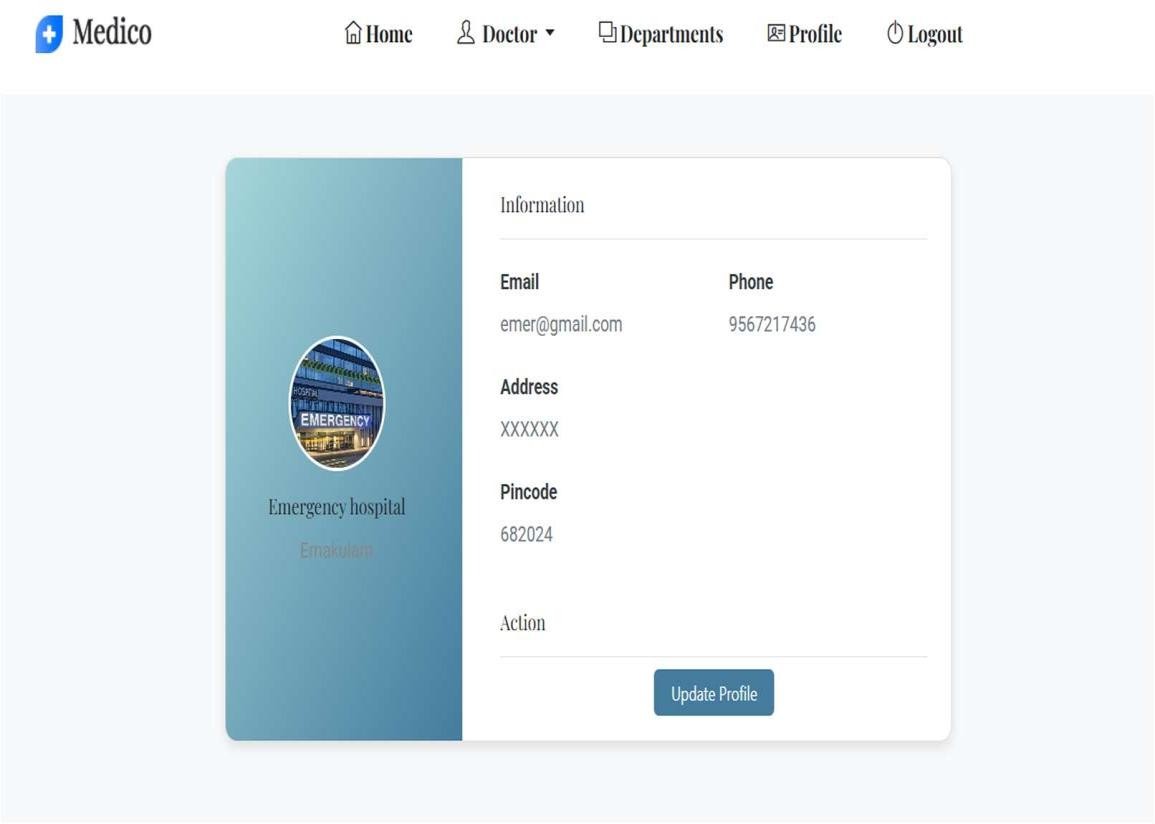


****



****



****

* 1. **Sample Code**

index.html

{% load static %}

{% for message in messages %}

<script>alert('{{message}}')</script>

{% endfor %}

<!doctype html>

<html lang="en">

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

<title>medico</title>

<link rel="icon" href="{% static 'img/favicon.png' %}">

<link rel="stylesheet" href="{% static 'css/bootstrap.min.css' %}">

<link rel="stylesheet" href="{% static 'css/animate.css' %}">

<link rel="stylesheet" href="{% static 'css/owl.carousel.min.css' %}">

<link rel="stylesheet" href="{% static 'css/themify-icons.css' %}">

<link rel="stylesheet" href="{% static 'css/flaticon.css' %}">

<link rel="stylesheet" href="{% static 'css/magnific-popup.css' %}">

<link rel="stylesheet" href="{% static 'css/nice-select.css' %}">

<link rel="stylesheet" href="{% static 'css/slick.css' %}">

<link rel="stylesheet" href="{% static 'css/style.css' %}">

<style>

html, body { height: 100%;

margin: 0;

}

body {

display: flex;

flex-direction: column; min- height: 100vh;

}

main {

flex: 1;

}

footer.footer-area { background-color: #f8f9fa;

padding: 20px 0;

}

</style>

</head>

<body>

<header class="main\_menu home\_menu" style="background-color: rgb(255, 255, 255);">

<div class="container">

<div class="row align-items-center">

<div class="col-lg-12">

<nav class="navbar navbar-expand-lg navbar-light">

<a class="navbar-brand" href="/"> <img src="{% static 'img/logo.png' %}" alt="logo"> </a>

<button class="navbar-toggler" type="button" data-toggle="collapse"

data-target="#navbarSupportedContent" aria- controls="navbarSupportedContent"

aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse main-menu-item justify- content-center" id="navbarSupportedContent">

<ul class="navbar-nav align-items-center" style="font-size:xx-large;">

<li class="nav-item active">

<a style="font-size: large;" class="nav-link" href="/"><i class="ti- home pr-1"></i>Home</a>

</li>

<li class="nav-item dropdown">

<a style="font-size: large;" class="nav-link dropdown-

toggle" href="blog.html" id="navbarDropdown"

role="button" data-toggle="dropdown" aria- haspopup="true" aria- expanded="false"><i class="ti-user pr-1"></i>

SignUp

</a>

<div class="dropdown-menu" aria-labelledby="navbarDropdown">

<!-- <a class="dropdown-item" href="/hospital-signup">Hospital

Signup</a> -->

<a style="font-size: large;" class="dropdown-item" href="/patient- signup">Patient Signup</a>

</div>

</li>

<li class="nav-item">

<a style="font-size: large;" class="nav-link" href="/users- login"><i class="ti-unlock pr-1"></i>Login</a>

</li>

</ul>

</div>

<!-- <a class="btn\_2 d-none d-lg-block" href="#">HOT LINE- 09856</a> -->

</nav>

</div>

</div>

</div>

</header>

<main>

<section class="banner\_part d-flex align-items-center" style="background: linear- gradient(to right, #f0f8ff, #ffffff); height: 650px;">

<div class="container-fluid px-0">

<div class="row no-gutters align-items-center">

<div class="col-md-6">

<img src="{% static 'img/front\_new.png' %}" alt="Hospital Illustration" style="position: relative; left: 0px; height: 550px; margin-top: 100px;">

</div>

<div class="col-md-6" style="margin-left: -70px;">

<h1 class="display-4 font-weight-bold text-primary">Specialized Alzheimer's Care</h1>

<p class="lead" style="color: #000;">Providing compassionate, round-the- clock care for memory and neurological wellness.</p>

<a href="/users-login" class="btn btn-primary btn-lg mt-3">Book an Appointment</a>

</div>

</div>

</div>

</section>

<section class="py-5" style="background-color: #f9fbfc;">

<div class="container">

<div class="row justify-content-center text-center mb-4">

<div class="col-lg-10">

<h2 class="display-5 font-weight-bold text-primary mb-3">Expertise You Can Trust</h2>

<p class="lead mb-0" style="color: #000;">

At Medico Alzheimer's Hospital, we deliver patient-centric, evidence-based care through our core departments — <strong>Neurology</strong> and

<strong>Geriatric Medicine</strong>. With cutting-edge technology and a compassionate approach, we support individuals and families facing Alzheimer’s and related conditions.

</p>

</div>

</div>

<div class="row mt-4">

<div class="col-md-6 mb-4">

div class="p-4 shadow-sm rounded bg-white h-100 border-left border-primary">

<h4 class="mb-3 text-primary">Geriatric Medicine</h4>

<p style="color: #000; font-size: 1.05rem;">

Our Geriatricians specialize in enhancing the health, independence, and dignity

of older adults. Services include senior wellness programs, mobility and medication support, and cognitive and behavioral assessments — all tailored for holistic elder care.

</p>

</div>

</div>

<div class="col-md-6 mb-4">

<div class="p-4 shadow-sm rounded bg-white h-100 border-left border-primary">

<h4 class="mb-3 text-primary">Neurology</h4>

<p style="color: #000; font-size: 1.05rem;">

Our Neurology team offers advanced brain imaging, personalized memory clinic consultations, and long-term neurological support. We focus on individualized care plans for Alzheimer’s and related cognitive disorders.

</p>

</div>

</div>

</div>

<div class="row mt-5">

<div class="col-md-12 text-center mb-4">

<h3 class="text-info font-weight-bold">Why Choose Medico Alzheimer's Hospital?</h3>

<p class="text-muted mb-0">

Because your loved ones deserve care that’s as specialized and heartfelt as it

is scientifically advanced.

</p>

</div>

div class="col-md-4 text-center mb-4">

<i class="ti-medall icon" style="font-size: 3rem; color: #17a2b8;"></i>

<h5 class="mt-3 font-weight-bold">Accredited Specialists</h5>

<p class="text-muted">A team of certified professionals with deep expertise in Alzheimer’s care.</p>

</div>

<div class="col-md-4 text-center mb-4">

<i class="ti-bar-chart-alt icon" style="font-size: 3rem; color: #17a2b8;"></i>

<h5 class="mt-3 font-weight-bold">Personalized, Data-Driven Treatment</h5>

<p class="text-muted">Every treatment plan is guided by real-time health data and research insights.</p>

</div>

<div class="col-md-4 text-center mb-4">

<i class="ti-support icon" style="font-size: 3rem; color: #17a2b8;"></i>

<h5 class="mt-3 font-weight-bold">24/7 Patient Support</h5>

<p class="text-muted">Compassionate support teams available anytime — for both medical and emotional needs.</p>

</div>

</div>

div class="text-center mt-4">

<a href="/users-login" class="btn btn-outline-primary btn-lg">Start Your Journey With Us</a>

</div>

</div>

</section>

</main>

<footer class="footer-area">

<div class="copyright\_part">

<div class="container">

<div class="row align-items-center">

<p class="footer-text m-0 col-lg-8 col- md-12"> Copyright &copy;

<script>document.write(new Date().getFullYear());</script> All rights reserved | Medico

</p>

</div>

</div>

</div>

</footer>

</body>

<script src="{% static 'js/jquery-1.12.1.min.js' %}"></script>

<script src="{% static 'js/popper.min.js' %}"></script>

<script src="{% static 'js/bootstrap.min.js' %}"></script>

<script src="{% static 'js/owl.carousel.min.js' %}"></script>

<script src="{% static 'js/jquery.nice-select.min.js' %}"></script>

<script src="{% static 'js/jquery.ajaxchimp.min.js' %}"></script>

<script src="{% static 'js/jquery.form.js' %}"></script>

<script src="{% static 'js/jquery.validate.min.js' %}"></script>

<script src="{% static 'js/mail-script.js' %}"></script>

<script src="{% static 'js/contact.js' %}"></script>

<script src="{% static 'js/custom.js' %}"></script>

</html>

patient\_signup.html

{% extends 'hospital\_signup.html' %}

{% load static %}

{% block index %}

<style>

.signup-background {

background-image: url('{% static "img/reg\_form.jpeg" %}'); background-size: cover; background-position: center;

padding: 100px 0 50px;

min-height: 100vh;

}

.card {

background-color: rgba(255, 255, 255, 0.8); padding: 30px; border-radius: 10px;

}

.form-control {

background-color: #f7f7f7; /\* Lighter background for better contrast \*/ color: #333333; /\* Dark text color \*/

border: 1px solid #888888; /\* Darker border color \*/ font-size: 1rem; /\* Make text more readable \*/ padding: 10px; /\* Increase padding for easier typing \*/

}

.form-control:focus {

border-color: #007bff; /\* Change the border color when focused \*/

box-shadow: 0 0 5px rgba(0, 123, 255, 0.5); /\* Add a subtle shadow on focus \*/

}

.font-weight-bold {

color: #333333; /\* Dark text color for labels \*/

}

.btn-info {

background-color: #007bff; /\* A deeper blue color for better visibility \*/ border: none;

}

.btn-info:hover {

background-color: #0056b3; /\* Darker blue on hover \*/

}

{

background-color:

#f7f7f7; color: #333333; padding: 10px;

border: 1px solid #888888; /\* Darker border color \*/

}

{

background-color:

#f7f7f7; color: #333333; padding: 10px;

border: 1px solid #888888; /\* Darker border color \*/

}

</style>

<div class="container mt-3">

{% for message in messages %}

<div class="alert alert-info text-center" role="alert" style="max-width: 500px; margin: auto;">

{{ message }}

</div>

{% endfor %}

</div>

<section class="contact-section section\_padding signup-background">

<div class="container">

<div class="row justify-content- center">

<div class="col-md-8">

<div class="card shadow-lg p-4 rounded">

<h3 class="text-info text-center mb-4" style="font-size: 2rem;">Patient Signup</h3>

<form class="form-contact contact\_form" method="post" enctype="multipart/form-data">

{% csrf\_token %}

<div class="row">

<div class="col-sm-6">

<div class="form-group">

<label class="font-weight-bold">First Name</label>

<input class="form-control" name="fname" pattern="[a-zA-Z ]+" required type="text"

title="Only alphabets and spaces are allowed." placeholder="Enter

first name">

</div>

</div>

<div class="col-sm-6">

<div class="form-group">

<label class="font-weight-bold">Last Name</label>

<input class="form-control" name="lname" pattern="[a-zA-Z ]+" required type="text"

title="Only alphabets and spaces are allowed." placeholder="Enter

last name">

</div>

</div>

<div class="col-sm-12">

<div class="form-group">

<label class="font-weight-bold">Phone</label>

<input class="form-control" name="phone" pattern="[6789][0-9]{9}" maxlength="10" required type="text"

title="Phone number must start with 6, 7, 8, or 9 and contain 10 digits." placeholder="Enter phone">

</div>

</div>

<!-- Email -->

<div class="col-sm-12">

<div class="form-group">

<label class="font-weight-bold">Email Address</label>

<input class="form-control" name="email" type="email" pattern="[a- z0-9.\_%+-]+@[a-z0-9.-]+\.[a-z]{2,4}$" required

title="Enter a valid email format (e.g., [example@mail.com).](mailto:example@mail.com)" placeholder="Enter email address">

</div>

</div>

<div class="col-sm-12">

<div class="form-group">

<label class="font-weight-bold">Password</label>

<input class="form-control" name="password" type="password" pattern="^(?=.\*[A-Za-z])(?=.\*\d)(?=.\*[@$!%\*#?&])[A-Za- z\d@$!%\*#?&]{8,}$" required

title="Password must be at least 8 characters long and include at least one letter, one number, and one special character (@, $, !, %, \*, #,

?, &)." placeholder="Enter password">

</div>

</div>

<div class="col-12">

<div class="form-group">

<label class="font-weight-bold">Address</label>

<textarea class="form-control" name="address" cols="30"

rows="3" required placeholder="Enter Address"></textarea>

</div>

</div>

<div class="col-sm-12">

<div class="form-group">

<label class="font-weight-bold">Gender</label>

<select class="form-control" name="gender" required>

<option selected disabled>Choose gender</option>

<option value="Male">Male</option>

<option value="Female">Female</option>

</select>

</div>

</div>

<div class="col-sm-6">

<div class="form-group">

<label class="font-weight-bold">Age</label>

<input class="form-control" name="age" pattern="[0-9]+" maxlength="3" required type="text"

title="Enter a valid age (numeric value only)." placeholder="Enter

age">

</div>

</div>

<div class="col-sm-6">

<div class="form-group">

<label class="font-weight-bold">Weight</label>

<input class="form-control" name="weight" pattern="[0-9]+" maxlength="3" required type="text"

title="Enter a valid weight (numeric value only)." placeholder="Enter weight">

</div>

</div>

</div>

<div class="form-group text-center mt-4">

<button type="submit" class="btn btn-info px-4 py-2" style="border-radius: 5px;">Register</button>

</div>

</form>

</div>

</div>

</div>

</div>

</section>

{% endblock index %}

hospital\_adddoctor.html

{% endblock hospital %}{% extends 'admin/admin\_dashboard.html' %}

{% for message in messages %}

<script>alert('{{message}}')</script>

{% endfor %}

{% block hospital %}

<section class="breadcrumb\_part breadcrumb\_bg " style="background-image: url(../static/img/5183184.jpg);

background-position: center; background-repeat: no-repeat; background-size: cover;

margin-top: 70px; width: 100%; height: 500px;" >

<div class="container">

<div class="row">

<div class="col-lg-12">

<div class="breadcrumb\_iner">

<div class="breadcrumb\_iner\_item" >

</div>

</div>

</div>

</div>

</div>

</section>

<h3 style=" color: #17a2b8; font-size: 3rem; margin-bottom: 5px; text-align: center;">Add Doctor</h3>

<section class="contact-section section\_padding" style="margin-top: -65px;">

<div class="container">

<div class="row ">

<div class="col-lg-8 mx-auto">

<form class="form-contact contact\_form" method="post" enctype="multipart/form-data">

{% csrf\_token %}

<div class="row">

<div class="col-sm-12">

<div class="form-group">

<p>Enter doctor image</p>

<input class="form-control" name="image" type="file" onfocus="this.placeholder

= ''"

onblur="this.placeholder = 'Enter doctor image'" placeholder='Enter doctor image'>

</div>

</div>

<div class="col-sm-6">

<div class="form-group">

<input class="form-control" name="fname" pattern="[a-zA-Z ]+" required type="text" onfocus="this.placeholder = ''"

onblur="this.placeholder = 'Enter first name'" placeholder='Enter first name'>

</div>

</div>

<div class="col-sm-6">

<div class="form-group">

<input class="form-control" name="lname" pattern="[a-zA-Z ]+" required type="text" onfocus="this.placeholder = ''"

onblur="this.placeholder = 'Enter last name'" placeholder='Enter last name'>

</div>

</div>

<div class="col-sm-12">

<div class="form-group">

<input class="form-control" name="hqualification" pattern="[a-zA-Z ]+" required type="text" onfocus="this.placeholder = ''"

onblur="this.placeholder = 'Enter highest qualification'" placeholder='Enter highest qualification'>

</div>

</div>

<div class="col-sm-12">

<div class="form-group">

<p>Enter qualification certificate</p>

<input class="form-control" name="qcertificate" type="file"

onfocus="this.placeholder = ''"

onblur="this.placeholder = 'Enter qualification certificate'" placeholder='Enter qualification certificate'>

</div>

</div>

<div class="col-sm-12">

<div class="form-group">

<input class="form-control" name="phone" pattern="[6789][0-9]{9}" maxlength="10" required type="text" onfocus="this.placeholder = ''"

onblur="this.placeholder = 'Enter phone'" placeholder='Enter phone'>

</div>

</div>

<div class="col-sm-12">

<div class="form-group">

<input class="form-control" name="email" pattern="[a-z0-9.\_%+-]+@[a-z0-9.-]+\.[a- z]{2,4}$" required type="email" onfocus="this.placeholder = ''"

onblur="this.placeholder = 'Enter email address'" placeholder='Enter email address'>

</div>

</div>

<div class="col-sm-12">

<div class="form-group">

<input class="form-control" name="password" pattern="^(?=.\*[A-Za- z])(?=.\*\d)(?=.\*[@$!%\*#?&])[A-Za-z\d@$!%\*#?&]{8,}$" required type="password" onfocus="this.placeholder = ''"

onblur="this.placeholder = 'Enter password'" placeholder='Enter password'>

</div>

</div>

<div class="col-sm-12">

<div class="form-group">

<select class="form-control" name="department" aria-label="Default select example" style="display: block;

width: 100%;

padding: 0.375rem 0.75rem; font-weight: 400;

line-height: 1.5; color: #6c757d;

transition: border-color .15s ease-in-out,box-shadow .15s ease-in-out;">

<option selected disabled style="color: #495057;">Choose Department</option>

{% for department in departments %}

<option value="{{department.id}}">{{department.department\_name}}</option>

{% endfor %}

</select>

</div>

</div>

<div class="col-12">

<div class="form-group">

<textarea class="form-control w-100" name="address" cols="30" rows="9" onfocus="this.placeholder = ''" onblur="this.placeholder = 'Enter Address'" placeholder='Enter Address'></textarea>

</div>

</div>

<div class="col-sm-6">

<div class="form-group">

<p>Doctor available from:</p>

<input class="form-control" name="tfrom" type="time" onfocus="this.placeholder =

''"

onblur="this.placeholder = 'Enter '" placeholder='Enter '>

</div>

</div>

<div class="col-sm-6">

<div class="form-group">

<p>Doctor available to:</p>

<input class="form-control" name="tto" type="time" onfocus="this.placeholder = ''" onblur="this.placeholder = 'Enter '" placeholder='Enter '>

</div>

</div>

<div class="col-sm-12">

<div class="form-group">

<input class="form-control" name="fee" pattern="[0-9]+" required type="text" onfocus="this.placeholder = ''"

onblur="this.placeholder = 'Enter consultation fee'" placeholder='Enter consultation

fee'>

</div>

</div>

<div class="form-group mt-3" style="text-align: center;">

<button type="submit" class="button button-contactForm btn\_1" style="border-radius: 5px; margin-left: 20px;">Register</button>

</div>

</form>

</div>

</div>

</div>

</section>

{% endblock hospital %}

hospital\_viewappointments.html

{% extends 'hospital/hospital\_dashboard.html' %}

{% for message in messages %}

<script>

alert('{{ message }}');

</script>

{% endfor %}

{% block hospital %}

<style> body {

background-color: #ffffff;

font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;

}

.gradient-custom {

background: linear-gradient(to right bottom, rgb(139, 132, 228), rgb(133, 145, 253));

}

.section-header h3 { font-size: 3rem; font- weight: 600;

color:

#1e263d;

margin-top:

50px;

margin-bottom: 30px;

}

.container {

padding: 30px 15px;

}

.table {

width: 100%; background-color:

#fff; border- radius: 10px;

box-shadow: 0 4px 8px rgba(0, 0, 0,

0.1); margin-top: 30px; border-collapse: collapse;

}

.table th, .table td { padding:

15px; text- align: left;

border-bottom: 1px solid #ddd;

}

.table thead {

background-color: #4e6ab1; color: #fff; font-weight: 600;

text-transform: uppercase;

}

.table tbody { background-color:

#fff;

}

.table tbody tr:nth- child(even) {

background-color:

#f7f7f7;

}

.table tbody tr:hover { background-color: #e9e9e9;

}

.btn-gray {

background-color:

#4e6ab1; color: #fff; padding: 6px 12px; border- radius: 5px; border: none;

text-decoration:

none; font-

weight: 600; margin-right:

8px; display:

inline-block;

transition: background-color 0.3s ease;

}

.btn-gray:hover { background-color:

#6a8ce8; color: #fff; text-decoration: none;

}

.upload-button {

background-color:

#4e6ab1; color: #fff; padding: 3px 12px; border- radius: 5px; border: none;

text-decoration:

none; font-

weight: 600; margin-right:

8px; display:

inline-block;

transition: background-color 0.3s ease;

}

h3.text-info

{ font-size: 3rem;

font-weight: 600; color: #1e263d; margin-top: 50px; margin- bottom: 20px;

}

</style>

<div class="container mt-5">

<div class="row justify-content-center">

<div class="col-md-8 text-center">

<h3 class="text-info">

</h3>

</div>

</div>

<div class="table-responsive mt-4">

<table class="table">

<thead>

<tr>

<th>#</th>

<th>Patient</th>

<th>Doctor</th>

<th>Appointment Date</th>

<th>Status</th>

<th>Approve/Reject</th>

<th>Medical Record</th>

<th>Add MRI Scan</th>

</tr>

</thead>

<tbody>

{% for data in appointments %}

<tr>

<th scope="row">{{ forloop.counter }}</th>

<td>{{ data.patient.fname }} {{ data.patient.lname }}</td>

<td>{{ data.doctor.fname }} {{ data.doctor.lname }}, {{ data.doctor.department.department\_name }} <br>{{ data.doctor.hospital.hospital\_name

}}</td>

<td>{{ data.app\_date }}</td>

<td>

{% if data.app\_status == 'Confirm'

%} Paid

{% else %}

{{ data.app\_status }}

{% endif %}

</td>

<td>

{% if data.app\_status == 'Confirm' %}

<a href="/doctor-markstatus?appointmentid={{ data.id

}}&status=Visited" class="btn-gray" style="margin-bottom: 10px;" ><i class="far fa-times-circle mr- 2"></i>Accept</a>

<a href="/doctor-markstatus?appointmentid={{ data.id }}&status=Not Visited" class="btn-gray" ><i class="far fa-check-circle mr-2"></i>Reject</a>

{% else %}

<p>no action</p>

{% endif %}

</td>

<td><a href="/hospital-viewmedicalrecord?appointmentid={{ data.id }}"

class="btn- gray">View</a></td>

<td>

{% if data.mri\_scan %}

<a href="{{ data.mri\_scan.url }}" target="\_blank">View MRI</a>

{% else %}

<form method="POST" enctype="multipart/form-data" action="{% url 'upload\_mri'

data.id

%}">

{% csrf\_token %}

<input type="file" name="image" required>

<input type="hidden" name="appointment\_id" value="{{ data.id }}">

<button type="submit" class="upload-button">Upload MRI Scan</button>

</form>

{% endif %}

</td>

</tr>

{% endfor %}

</tbody>

</table>

</div>

</div>

{% endblock hospital %}

doctor\_viewmri.html

{% extends 'doctor/doctor\_dashboard.html' %}

{% for message in messages %}

<script>alert('{{ message }}')</script>

{% endfor %}

{% block doctor %}

<style>

body {

margin-top: 20px;

}

.rounded-3 {

border-radius: 0.3rem !important;

}

a, a:active, a:focus

{ color:

#616161;

text-decoration: none; transition: all 0.2s ease- in-out;

}

.text-secondary, .text-secondary- hover:hover { color: #59b73f

!important;

}

.display-25 {

font-size: 1.4rem;

}

.text-primary, .text-primary-hover:hover

{ color: #ff712a !important;

}

p {

margin: 0 0 20px;

}

.mb-1-6, .my-1-6 {

margin-bottom: 1.6rem;

}

.scan-card img {

max-height: 300px; object- fit: contain; margin: 0 auto;

}

.scan-card { display:

flex;

flex-direction: column; align- items: center;

padding: 20px; width: 100%;

}

.middle-portion {

background-color: #dae1e7; /\* Slightly darker grayish- blue \*/ padding: 40px 0;

}

.card {

border: 1px solid #ddd; border-

radius: 8px; background-color:

#fff;

box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);

}

.btn-info {

background-color: #017c7b; border-color: #017c7b;

}

.btn-info:hover {

background-color: #015f5d; border-color: #015f5d;

}

</style>

<div class="container mt-5">

<div class="row justify-content-center">

<div class="col-md-8 text-center">

<h3 class="text-info" style="font-size: 3rem; margin-top: 50px; margin- bottom: 20px;">

MRI

</h3>

</div>

</div>

</div>

<div class="container middle-portion">

<div class="row justify-content-center">

{% if data %}

{% for d in data %}

<div class="col-md-6 col-lg-4 mb-4 d-flex justify-content-center">

<div class="card shadow scan-card text-center">

<img src="/static/media/{{ d.image }}" alt="MRI Scan" class="img- fluid rounded mb-3">

<a href="/Reques?id={{ d.id }}" class="btn btn-info mt-2">CHECK</a>

</div>

</div>

{% endfor %}

{% else %}

<div class="col-12 text-center">

<h2>NO FILE UPLOADED</h2>

</div>

{% endif %}

</div>

</div>

{% endblock doctor %} checkalzhim.html

{% extends 'doctor/doctor\_dashboard.html' %}

{% for message in messages %}

<script>alert('{{message}}')</script>

{% endfor %}

{% block doctor %}

<style>

body {

margin-top: 20px;

background-color: #e0e6f0; /\* Slightly darker gray-blue background \*/

}

.bg-light-blue {

background-color: #d6ecf8 !important; /\* Darker than before \*/ color: #2a6c8d;

padding: 7px 18px; border- radius: 4px;

}

.bg-light-green {

background-color: rgba(40, 167, 69, 0.25)

!important; padding: 7px 18px; border-radius: 4px;

color: #218838 !important;

}

.buttons-to-right { position: absolute; right: 0;

top: 40%;

}

.btn-gray { color:

#444;

background-color:

#d9d9d9; padding: 7px 18px;

border-radius: 4px;

}

.booking:hover .buttons-to-right .btn- gray { opacity: 1;

transition: .3s;

}

.buttons-to-right .btn- gray { opacity: 0; transition: .3s;

}

.btn-gray:hover {

background-color: #1b7fc3; color: #fff;

}

.booking {

margin-bottom: 30px;

border-bottom: 1px solid #ccc; padding-bottom: 30px;

}

.booking:last-child

{ margin- bottom: 0px; border-bottom: none; padding- bottom: 0px;

}

@media screen and (max-width: 575px) {

.buttons-to-right

{ top: 10%;

}

.buttons-to-right a { display: block;

margin-bottom: 20px;

}

.bg-light-blue,

.bg-light-green,

.btn-gray { padding: 7px;

}

}

.card {

margin-bottom: 20px; background- color: #ffffff; border- radius: 4px; border: none;

padding: 25px;

box-shadow: 0 4px 12px rgba(0, 0, 0, 0.08); /\* Deeper shadow for a more pro look \*/

}

.mb-5, .my-5 {

margin-bottom: 3rem !important;

}

.msg-img {

margin-right: 20px;

}

.msg-img img

{ width:

60px;

border-radius: 50%;

}

.fs-5 {

font-size: 1.25rem;

}

.content-area {

background-color: #dce3ed; /\* Slightly darker blue- gray \*/ padding-top: 30px;

padding-bottom: 30px;

}

</style>

<div class="container mt-5">

<div class="row justify-content-center">

<div class="col-md-8 text-center">

<h3 class="text-info" style="font-size: 3rem; margin-top: 50px; margin-

bottom: 20px;">

</h3>

</div>

</div>

</div>

{% if data %}

<div class="container d-flex justify-content-center align-items-center content-area" style="min-height: 60vh;">

<div class="col-md-8 col-lg-6">

<div class="card shadow-lg border-0 rounded-4 p-4 text-center">

<h4 class="mb-3 text-primary" style="font-weight: 600;">Diagnosis Result</h4>

<hr class="mb-4">

<p class="fs-5" style="color: #333;">{{ data }}</p>

</div>

</div>

</div>

{% endif %}

<div class="container content-area">

<div class="row">

<div class="col-md-12">

<div class="card card-white mb-5">

<div class="card-heading clearfix border-bottom mb-4"></div>

<div class="card-body">

<ul class="list-unstyled">

{% for appointment in appointments %}

<li class="position-relative booking">

<div class="media">

<div class="media-body">

<h5 class="mb-4">

{{ appointment.patient.fname }} {{ appointment.patient.lname }}

{% if appointment.app\_status == "Pending" %}

<span class="badge badge-primary mx-3">Pending</span>

{% elif appointment.app\_status == "Approve" %}

<span class="badge badge-warning">Approve</span>

{% elif appointment.app\_status == "Reject" %}

<span class="badge badge-danger">Reject</span>

{% elif appointment.app\_status == "Not Visited" %}

<span class="badge badge-danger">Not Visited</span>

{% elif appointment.app\_status == "Visited" %}

<span class="badge badge-success ml-3">Visited</span>

{% elif appointment.app\_status == "Prescription added" %}

<span class="badge badge-success ml-3">Prescription added</span>

{% elif appointment.app\_status == "Cancel" %}

<span class="badge badge-danger">Cancel</span>

{% elif appointment.app\_status == "Confirm" %}

<span class="badge badge-success ml-3">Confirm</span>

{% endif %}

</h5>

<div class="mb-3">

<span class="mr-2 d-block d-sm-inline-block mb-2 mb-sm- 0">Booked On:</span>

<span class="bg-light-blue">{{ appointment.booked\_on }}</span>

</div>

<div class="mb-3">

<span class="mr-2 d-block d-sm-inline-block mb-2 mb-sm- 0">Visiting Time:</span>

<span class="bg-light-blue">{{ appointment.app\_time }}</span>

</div>

<div class="mb-3">

<span class="mr-2 d-block d-sm-inline-block mb-1 mb-sm-

0">Basic Info:</span> Years</span>

}}</span>

<span class="border-right pr-2 mr-2">{{ appointment.patient.age }}

<span class="border-right pr-2 mr-2"> {{ appointment.patient.email

<span>{{ appointment.patient.phone }}</span>

</div>

{% if appointment.paid\_on %}

<div class="mb-3">

<span class="mr-2 d-block d-sm-inline-block mb-2 mb-sm- 0">Payment on:</span>

<span class="bg-light-blue">{{ appointment.paid\_on }}</span>

</div>

{% endif %}

{% if appointment.paytype %}

<div class="mb-3">

<span class="mr-2 d-block d-sm-inline-block mb-2 mb-sm- 0">Payment type:</span>

<span class="bg-light-blue">{{ appointment.paytype }}</span>

</div>

{% endif %}

<a href="/doctor-viewmedicalrecord?appointmentid={{ appointment.id }}" class="btn-gray">Medical Record</a>

</div>

</div>

<div class="buttons-to-right">

{% if appointment.app\_status == "Pending" %}

<a href="/doctor-rejectappointment?appointmentid={{ appointment.id

}}" class="btn-gray mr-2"><i class="far fa-times-circle mr-2"></i> Reject</a>

<a href="/doctor-approveappointment?appointmentid={{ appointment.id

}}" class="btn-gray"><i class="far fa-check-circle mr-2"></i> Approve</a>

{% elif appointment.app\_status == "Approve" %}

<p>Payment action Pending from user</p>

{% elif appointment.app\_status == "Reject" %}

<p>Rejected by you</p>

{% elif appointment.app\_status == "Cancel" %}

<p>Cancelled by user</p>

{% elif appointment.app\_status == "Confirm" %}

{% if app\_date == today %}

<a href="/doctor-markstatus?appointmentid={{ appointment.id

}}&status=Visited" class="btn-gray mr-2"><i class="far fa-times-circle mr- 2"></i> Visited</a>

<a href="/doctor-markstatus?appointmentid={{ appointment.id

}}&status=Not Visited" class="btn-gray"><i class="far fa-check-circle mr-2"></i> Not Visited</a>

{% else %}

<p>Confirmed</p>

{% endif %}

{% elif appointment.app\_status == "Not Visited" %}

<p>Patient not visited</p>

{% elif appointment.app\_status == "Visited" %}

<a href="/doctor-addmedical?appointmentid={{ appointment.id }}" class="btn-gray mr-2"><i class="far fa-times-circle mr- 2"></i> Add Prescription</a>

{% elif appointment.app\_status == "Prescription added" %}

<p>Prescription added</p>

{% endif %}

</div>

</li>

{% endfor %}

</ul>

</div>

</div>

</div>

</div>

</div>

{% endblock doctor %}

Views.py

from django.shortcuts import render,redirect from .models import \*

from datetime import date,datetime,timedelta from django.contrib.auth import authenticate from django.contrib import messages

import alzimers as al def index(request):

return render(request,'index.html') def users\_login(request):

if request.POST: email=request.POST['email'] password=request.POST['password']

user=authenticate(username=email,password=password) if user is not None:

if user.user\_type=='admin': msg=messages.success(request,'Welcome to admin dashboard') return redirect('/admin-dashboard')

elif user.user\_type == 'hospital':

hospital = HospitalReg.objects.get(hospital\_log=user) # Fetch the hospital object messages.success(request, f'Welcome {hospital.hospital\_name} to the hospital

dashboard') # Use f-string for formatting

request.session['hid'] = hospital.id # Store hospital ID in session return redirect('/hospital-dashboard')

elif user.user\_type == 'patient':

patient = PatientReg.objects.get(patient\_log=user) # Fetch the patient object

messages.success(request, f'Welcome {patient.fname} {patient.lname} to the patient dashboard') # Use f-string

request.session['pid'] = patient.id # Store patient ID in session return redirect('/patient-dashboard')

elif user.user\_type == 'doctor':

doctor = DoctorReg.objects.get(doctor\_log=user) # Fetch the doctor object messages.success(request, f'Welcome Dr. {doctor.fname} {doctor.lname} to the doctor

dashboard') # Use f-string

request.session['did'] = doctor.id # Store doctor ID in session return redirect('/doctor-dashboard')

else:

msg=messages.success(request,'Invalid Login again') return redirect('/users-login')

return render(request,'users\_login.html') def Reques(request):

data=""

if request.GET: id=request.GET.get("id") data=MRI.objects.get(id=id)

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*",type,"\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*") ss=str("static/media/")+str(data.image)

data=al.alzhim(ss)

return render(request,"doctor/checkalzhim.html",{"data":data}) def admin\_dashboard(request):

return render(request,'admin/admin\_dashboard.html') def admin\_approvehospital(request):

hospitals=HospitalReg.objects.filter(hospital\_log is\_active=0)

return render(request,'admin/admin\_approvehospital.html',{"hospitals":hospitals}) def admin\_approvesinglehospital(request):

hid=request.GET.get('hid') hospital=HospitalReg.objects.get(id=hid).hospital\_log.id

hlogin=Login.objects.filter(id=hospital).update(is\_active=1) msg=messages.success(request,'Hospital approved sucessfully') return redirect('/admin-viewhospitals')

def admin\_viewhospitals(request): hospitals=HospitalReg.objects.filter(hospital\_log is\_active=1)

return render(request,'admin/admin\_viewhospitals.html',{"hospitals":hospitals}) def admin\_rejectsinglehospital(request):

hid=request.GET.get('hid') hospital=HospitalReg.objects.get(id=hid).hospital\_log.id hlogin=Login.objects.filter(id=hospital).update(is\_active=0) msg=messages.success(request,'Hospital rejected sucessfully') return redirect('/admin-viewhospitals')

def admin\_viewdoctors(request):

departments = Department.objects.all().order\_by('department\_name') doctors = DoctorReg.objects.all() # Fetch all doctors, ignoring hospital\_id if request.method == "POST":

department\_id = request.POST.get('department', "").strip()

if department\_id.isdigit(): # Validate department ID before filtering doctors = doctors.filter(department\_id=int(department\_id))

return render(request, 'admin/admin\_viewdoctors.html', { "doctors": doctors,

"departments": departments

})

def admin\_adddepartments(request): if request.POST:

department=request.POST['department']

if Department.objects.filter(department\_name iexact=department).exists(): msg=messages.success(request,'Department already added')

return redirect('/admin-adddepartments') else:

department=Department.objects.create(department\_name=department)

department.save()

msg=messages.success(request,'Department name added sucessfully') return redirect('/admin-adddepartments')

departments=Department.objects.all().order\_by('department\_name')

return render(request,'admin/admin\_adddepartments.html',{"departments":departments}) def admin\_adddoctor(request):

departments=Department.objects.all().order\_by('department\_name') hospital=request.session['hid']

print(hospital)

if request.POST: fname=request.POST['fname'] lname=request.POST['lname'] phone=request.POST['phone'] fee=request.POST['fee'] image=request.FILES['image'] email=request.POST['email'] password=request.POST['password']

hqualification=request.POST['hqualification'] qcertificate=request.FILES['qcertificate'] address=request.POST['address'] department=request.POST['department'] tfrom=request.POST['tfrom'] tto=request.POST['tto']

if Login.objects.filter(username=email).exists(): print('exists,,,,,,') msg=messages.success(request,'Already Taken') return redirect('/admin-adddoctor')

else:

d\_login=Login.objects.create\_user(user\_type='doctor',view\_password=password,username=e mail,password=password)

d\_login.save()

dadd=DoctorReg.objects.create(doctor\_log=d\_login,hospital\_id=hospital,department\_id=dep artment,fname=fname,fee=fee,lname=lname,image=image,phone=phone,

email=email,highest\_quali=hqualification,quali\_certi=qcertificate,doctor

\_address=address,time\_from=tfrom,

time\_to=tto)

dadd.save()

msg=messages.success(request,'Doctor added sucessfully') return redirect('/admin-viewdoctors')

return render(request,'admin/admin\_adddoctor.html',{"departments":departments}) def admin\_updatedepartment(request):

did=request.GET.get('did') department=Department.objects.get(id=did)

if request.POST: department=request.POST['department']

department=Department.objects.filter(id=did).update(department\_name=department) msg=messages.success(request,'Department name updated sucessfully')

return redirect('/admin-adddepartments')

return render(request,'admin/admin\_updatedepartment.html',{"department":department}) def admin\_deletedepartment(request):

did=request.GET.get('did') department=Department.objects.filter(id=did).delete() msg=messages.success(request,'Department name deleted sucessfully') return redirect('/admin-adddepartments')

def admin\_viewappointments(request): appointments=Appointment.objects.all().order\_by("-id")

return render(request,'admin/admin\_viewappointments.html',{'appointments':appointments}) def admin\_viewmedicalrecord(request):

appointmentid=request.GET.get('appointmentid') patient=Appointment.objects.get(id=appointmentid).patient.id pdata=PatientReg.objects.get(id=patient) prescriptiondatas=Medical\_record.objects.filter(appointment patient\_id=patient).order\_by('-id')

print(prescriptiondatas) medicines=Medicie\_details.objects.all() print(medicines) tests=Test\_details.objects.all() print(tests)

return render(request,'admin/admin\_viewmedicalrecord.html',{"prescriptions":prescriptiondatas,"medicines"

:medicines,"tests":tests,"pdata":pdata}) def admin\_viewprofile(request):

hospital=request.session['hid'] print(hospital) hdata=HospitalReg.objects.get(id=hospital)

return render(request,'admin/admin\_viewprofile.html',{"data":hdata}) def admin\_updateprofile(request):

hospitalid=request.GET.get('hid') hospital=HospitalReg.objects.get(id=hospitalid) if request.POST:

phone=request.POST['phone'] if 'image' in request.FILES:

image=request.FILES['image'] else:

image=hospital.image

if 'district' in request.POST: district=request.POST['district']

else:

district=hospital.district address=request.POST['address'] pin=request.POST['pincode']

hup=HospitalReg.objects.filter(id=hospitalid).update(image=image,phone=phone,district=distric t,hospital\_address=address,pincode=pin)

msg=messages.success(request,'Hospital details updated sucessfully')

return redirect('/admin-viewprofile')

return render(request,'admin/admin\_updateprofile.html',{"data":hospital}) def hospital\_signup(request):

if request.POST: name=request.POST['name'] phone=request.POST['phone'] image=request.FILES['image'] email=request.POST['email'] password=request.POST['password'] district=request.POST['district'] address=request.POST['address'] pin=request.POST['pincode'] licence=request.FILES['licence']

if Login.objects.filter(username=email).exists(): print('exists,,,,,,') msg=messages.success(request,'Already Taken') return redirect('/')

else:

h\_login=Login.objects.create\_user(user\_type='hospital',view\_password=password,username= email,password=password,is\_active=0)

h\_login.save() hadd=HospitalReg.objects.create(hospital\_log=h\_login,hospital\_name=name,image=image,ph

one=phone,

email=email,district=district,hospital\_address=address,pincode=pin, licence=licence)

hadd.save()

msg=messages.success(request,'Hospital added sucessfully, Wait for approval') return redirect('/')

return render(request,'hospital\_signup.html') def hospital\_dashboard(request):

return render(request,'hospital/hospital\_dashboard.html')

def update\_doctor(request): hospital=request.session['hid']

doctor\_id = request.GET.get('doctor\_id') availability = request.GET.get('availability') print(doctor\_id)

print(availability) available=DoctorReg.objects.filter(id=doctor\_id).update(available=availability) doctors=DoctorReg.objects.filter(hospital\_id=hospital) departments=Department.objects.all().order\_by('department\_name') print(doctors)

return render(request,'hospital/hospital\_viewdoctors.html',{"doctors":doctors,"departments":departments}) def hospital\_viewdoctors(request):

hospital=request.session['hid'] print(hospital)

print("hi1") departments=Department.objects.all().order\_by('department\_name')

if request.POST:

print("hi2") department=request.POST['department']

doctors=DoctorReg.objects.filter(hospital\_id=hospital,department\_id=department) doctors=DoctorReg.objects.filter(hospital\_id=hospital)

print(doctors) return

render(request,'hospital/hospital\_viewdoctors.html',{"doctors":doctors,"departments":departments}) def hospital\_viewdocappointments(request):

doctor=request.GET.get('docid') print(doctor)

appointments=Appointment.objects.filter(doctor\_id=doctor).order\_by("-id") print(appointments,'appointmentsffffffffff')

return render(request,'hospital/hospital\_viewdocappointments.html',{'appointments':appointments})

def hospital\_viewappointments(request): appointments=Appointment.objects.all().order\_by("-id")

return render(request,'hospital/hospital\_viewappointments.html',{'appointments':appointments}) def hospital\_viewmedicalrecord(request):

appointmentid=request.GET.get('appointmentid') patient=Appointment.objects.get(id=appointmentid).patient.id pdata=PatientReg.objects.get(id=patient) prescriptiondatas=Medical\_record.objects.filter(appointment patient\_id=patient).order\_by('-id') print(prescriptiondatas)

medicines=Medicie\_details.objects.all() print(medicines) tests=Test\_details.objects.all() print(tests)

return render(request,'hospital/hospital\_viewmedicalrecord.html',{"prescriptions":prescriptiondatas,"medicin es":medicines,"tests":tests,"pdata":pdata})

from django.shortcuts import render, redirect from django.contrib import messages

from .models import Login, PatientReg # Make sure models are correctly imported def patient\_signup(request):

if request.method == "POST": # Use request.method instead of request.POST fname = request.POST['fname']

lname = request.POST['lname'] phone = request.POST['phone'] email = request.POST['email']

password = request.POST['password'] address = request.POST['address'] gender = request.POST['gender']

age = request.POST['age'] weight = request.POST['weight']

if Login.objects.filter(username=email).exists():

messages.error(request, 'Email is already taken') # Changed message type to error return redirect('/patient-signup')

else:

p\_login = Login.objects.create\_user(user\_type='patient', view\_password=password, username=email, password=password)

p\_login.save()

padd = PatientReg.objects.create(

patient\_log=p\_login, gender=gender, age=age, fname=fname, lname=lname, weight=weight, phone=phone, email=email, patient\_address=address

)

padd.save()

messages.success(request, 'Patient added successfully') # No need to assign msg return redirect('/users-login')

return render(request, 'patient\_signup.html') def patient\_dashboard(request):

patient\_id = request.session.get('pid') # Get patient ID from session full\_name = "Patient"

if patient\_id: try:

patient = PatientReg.objects.get(id=patient\_id)

full\_name = f"{patient.fname} {patient.lname}" if patient.lname else patient.fname except PatientReg.DoesNotExist:

pass

return render(request, 'patient/patient\_dashboard.html', {'patient\_name': full\_name}) def patient\_viewhospitals(request):

hospitals=HospitalReg.objects.filter(hospital\_log is\_active=1)

return render(request,'patient/patient\_viewhospitals.html',{"hospitals":hospitals}) def patient\_viewdoctors(request):

departments = Department.objects.all().order\_by('department\_name')

doctors = DoctorReg.objects.filter(available=1) # Fetch all doctors, ignoring hospital\_id if request.method == "POST":

department\_id = request.POST.get('department', "").strip()

if department\_id.isdigit(): # Validate department ID before filtering doctors = doctors.filter(department\_id=int(department\_id))

return render(request, 'patient/patient\_viewdoctors.html', { "doctors": doctors,

"departments": departments

})

def patient\_makeappointment(request): period\_list=[] doctorid=request.GET.get('docid') print(doctorid)

bdate = request.GET.get('bdate') print(bdate,'bdatellllllll') formatted\_date = None

if bdate:

bdate = bdate.replace(".", '').replace('Sept', 'Sep').replace('March', 'Mar').replace('April', 'Apr').replace('June', 'Jun').replace('July', 'Jul')

print(bdate) try:

date\_obj = datetime.strptime(bdate, '%b %d, %Y') formatted\_date = date\_obj.strftime('%Y-%m-%d') print(formatted\_date, 'formatted\_datellllll')

except ValueError:

print("Invalid date format:", bdate) doctor=DoctorReg.objects.get(id=doctorid) patient=request.session['pid']

print(patient) patient=PatientReg.objects.get(id=patient)

from datetime import datetime, timedelta

def split\_time\_range(start\_time, end\_time, interval\_minutes): time\_periods = []

current\_time = start\_time

while current\_time <= end\_time: time\_periods.append(current\_time)

current\_time += timedelta(minutes=interval\_minutes) return time\_periods

now = datetime.now() print("TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTsss")

end\_time = now.replace(hour=17, minute=0, second=0, microsecond=0) # Generate for the next 24 hours

print(end\_time) interval\_minutes = 30

time\_periods = split\_time\_range(now, end\_time, interval\_minutes) period\_list = []

for period in time\_periods:

formatted\_time = period.strftime("%I:%M %p") print(formatted\_time, 'bbbbbbbbbbbbb') period\_list.append(formatted\_time)

if request.POST: app\_date=request.POST['app\_date'] app\_time=request.POST['inlineRadioOptions'] print(app\_date,app\_time,'app\_')

if Appointment.objects.filter(doctor=doctor,app\_date=app\_date,app\_time=app\_time): msg=messages.success(request,'Appointment time already taken')

return redirect('/patient-viewappointments') else:

app\_add=Appointment.objects.create(patient=patient,doctor=doctor,app\_date=app\_date,app\_t ime=app\_time)

app\_add.save()

#msg=messages.success(request,'Your appoint request has been send, wait for doctors action') return redirect('/patient-viewappointments')

return

render(request,'patient/patient\_makeappointment.html',{"doctor":doctor,"patient":patient,"periods":pe riod\_list,"formatted\_date":formatted\_date})

def patient\_viewappointments(request): patient=request.session['pid'] print(patient)

print('hiiiiiiiiiii') appointments=Appointment.objects.filter(patient\_id=patient) print(appointments)

return render(request,'patient/patient\_viewappointments.html',{"appointments":appointments}) def patient\_cancelappointment(request):

appointmentid=request.GET.get('appointmentid') print(appointmentid)

appointment=Appointment.objects.filter(id=appointmentid).update(app\_status='Cancel') msg=messages.success(request,'You cancelled the appointment')

return redirect('/patient-viewappointments') def patient\_payfeeappointment(request):

appointmentid=request.GET.get('appointmentid') print(appointmentid) appointment=Appointment.objects.get(id=appointmentid) if request.POST:

return redirect('/patient-addcarddetails?appointmentid='+str(appointmentid))

return render(request,'patient/patient\_payfeeappointment.html',{"appointment":appointment}) def patient\_addcarddetails(request):

appointmentid=int(request.GET.get('appointmentid')) if request.POST:

pdate=date.today() ptype='Debit Card'

appointment=Appointment.objects.filter(id=appointmentid).update(paid\_on=pdate,paytype=ptyp e,app\_status="Confirm")

msg=messages.success(request,'Payment sucess, Appointment confirmed') return redirect('/patient-viewappointments')

return render(request,'patient/patient\_addcarddetails.html') def patient\_viewprescription(request):

appointmentid=request.GET.get('appointmentid') print(appointmentid) appointmentdata=Appointment.objects.get(id=appointmentid)

prescriptiondata=Medical\_record.objects.get(appointment=appointmentid) medicines=Medicie\_details.objects.filter(medical\_record=prescriptiondata) tests=Test\_details.objects.filter(medical\_record=prescriptiondata)

return render(request,'patient/patient\_viewprescription.html',{"appointment":appointmentdata,"prescription"

:prescriptiondata,"medicines":medicines,"tests":tests}) def patient\_viewmedicalrecord(request):

patient=request.session['pid'] print(patient) pdata=PatientReg.objects.get(id=patient) if request.POST:

tres=request.FILES['tupload'] testid=request.POST['tid'] print(tres,testid)

tresult=Test\_details.objects.filter(id=testid).update(test\_upload=tres) msg=messages.success(request,'Test Result uploaded sucessfully')

prescriptiondatas=Medical\_record.objects.filter(appointment patient\_id=patient).order\_by('-id') print(prescriptiondatas)

medicines=Medicie\_details.objects.all() print(medicines) tests=Test\_details.objects.all() print(tests)

return render(request,'patient/patient\_viewmedicalrecord.html',{"prescriptions":prescriptiondatas,"medicines ":medicines,"tests":tests,"pdata":pdata})

def doctor\_dashboard(request):

doctor\_id = request.session.get('did') # Get doctor ID from session full\_name = "Doctor"

if doctor\_id: try:

doctor = DoctorReg.objects.get(id=doctor\_id)

full\_name = f"Dr. {doctor.fname} {doctor.lname}" if doctor.lname else f"Dr. {doctor.fname}" except DoctorReg.DoesNotExist:

pass

return render(request, 'doctor/doctor\_dashboard.html', {'doctor\_name': full\_name}) def doctor\_viewappointments(request):

doctor=request.session['did'] print(doctor) doctor=DoctorReg.objects.get(id=doctor) today = date.today() print(today,'datemmmmz')

appointments=Appointment.objects.filter(doctor=doctor,app\_date=today,app\_status in=['Visited']

)

ddate=today

if request.POST: ddate=request.POST['ddate']

appointments=Appointment.objects.filter(doctor=doctor,app\_date=ddate)

return render(request,'doctor/doctor\_viewappointments.html',{'appointments':appointments,'app\_date':ddate,' today':today})

def doctor\_approveappointment(request): appointmentid=request.GET.get('appointmentid') print(appointmentid)

appointment=Appointment.objects.filter(id=appointmentid).update(app\_status='Approve') msg=messages.success(request,'You approved the appointment wait for users payment') return redirect('/doctor-viewappointments')

def doctor\_rejectappointment(request):

appointmentid=request.GET.get('appointmentid') print(appointmentid)

appointment=Appointment.objects.filter(id=appointmentid).update(app\_status='Reject') msg=messages.success(request,'You rejected the appointment')

return redirect('/doctor-viewappointments') def doctor\_markstatus(request):

appointmentid=request.GET.get('appointmentid') print(appointmentid) status=request.GET.get('status')

print(status) appointments=Appointment.objects.all().order\_by("-id") if status=='Visited':

appointment=Appointment.objects.filter(id=appointmentid).update(app\_status='Visited') msg=messages.success(request,'Successfully Approved')

return render(request,'hospital/hospital\_viewappointments.html',{'appointments':appointments}) elif status=='Not Visited':

appointment=Appointment.objects.filter(id=appointmentid).update(app\_status='Not Visited') msg=messages.success(request,'Rejected')

return render(request,'hospital/hospital\_viewappointments.html',{'appointments':appointments}) return render(request,'hospital/hospital\_viewappointments.html',{'appointments':appointments})

def doctor\_addmedical(request): appointmentid=request.GET.get('appointmentid') appointment=Appointment.objects.get(id=appointmentid) if request.method == 'POST':

symptoms = request.POST.get('symptoms') remarks = request.POST.get('remarks') print(remarks,'remarksd')

medicine\_names = request.POST.getlist('medicine\_name') medicine\_dosages = request.POST.getlist('medicine\_dosage') medicine\_quantitys = request.POST.getlist('medicine\_quantity') medicine\_directionss = request.POST.getlist('medicine\_directions')

medicine\_dayss = request.POST.getlist('medicine\_days') test\_names = request.POST.getlist('test\_name')

bdate = request.POST.get('bdate')

medicines = [{'name': name, 'dosage': dosage, 'quantity': quantity, 'directions': directions, 'days': days} for name, dosage, quantity, directions, days in zip(medicine\_names,

medicine\_dosages,

medicine\_quantitys, medicine\_directionss, medicine\_dayss)] tests=[{'name':name} for name in (test\_names)] print(remarks,medicines,tests,bdate)

if bdate:

prescription\_data=Medical\_record.objects.create(appointment=appointment,symptoms=sympt

oms,

remarks=remarks,next\_app=bdate)

prescription\_data.save()

else:

prescription\_data=Medical\_record.objects.create(appointment=appointment,symptoms=sympt

oms,

remarks=remarks)

prescription\_data.save()

medicineslist\_length=(len(medicines)) for item in range(medicineslist\_length):

medicine\_data=Medicie\_details.objects.create(medical\_record=prescription\_data,m\_name= medicines[item]['name'],m\_dosage=medicines[item]['dosage'],m\_quantity=medicines[item]['q

uantity'],

m\_directions=medicines[item]['directions'],m\_days=medicines[item]['days']) medicine\_data.save()

testslist\_length=(len(tests)) for item in range(testslist\_length):

test\_data = Test\_details.objects.create(medical\_record=prescription\_data, test\_name=tests[item]['name'])

test\_data.save()

appointment=Appointment.objects.filter(id=appointmentid).update(app\_status='Prescription

added')

msg=messages.success(request,'Prescription added') return redirect('/doctor-viewappointments')

return render(request,'doctor/doctor\_addmedical.html') def doctor\_viewmedicalrecord(request):

appointmentid=request.GET.get('appointmentid') patient=Appointment.objects.get(id=appointmentid).patient.id pdata=PatientReg.objects.get(id=patient) prescriptiondatas=Medical\_record.objects.filter(appointment patient\_id=patient).order\_by('-id') print(prescriptiondatas)

medicines=Medicie\_details.objects.all() print(medicines) tests=Test\_details.objects.all() print(tests)

return render(request,'doctor/doctor\_viewmedicalrecord.html',{"prescriptions":prescriptiondatas,"medicines"

:medicines,"tests":tests,"pdata":pdata}) return

render(request,'patient/patient\_viewmedicalrecord.html',{"prescriptions":prescriptiondatas,"medicines ":medicines,"tests":tests,"pdata":pdata})

def upload\_mri(request, appointment\_id):

if request.method == 'POST' and request.FILES.get('image'): appointment = Appointment.objects.get(id=appointment\_id) mri\_scan = MRI.objects.create(

appointment=appointment, image=request.FILES['image']

)

mri\_scan.save() # Save the uploaded MRI image to the database

return redirect('/hospital-viewappointments/') # Redirect to where you want to view the appointments

return HttpResponse("Failed to upload MRI scan", status=400) def doctor\_viewmri(request):

id=request.GET.get("appointmentid") data=MRI.objects.filter(appointment\_id=id)

return render(request,"doctor/doctor\_viewmri.html",{"data":data})