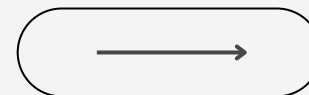


DATE

22/05/2024

# HOSPITAL MANAGEMENT SYSTEM

A DBMS Project for connecting DB and the Frontend designs



PRESENTED BY

Shanthosh S	220701263
Saivishawaram R	220701239

# ABSTRACT

- Modern healthcare facilities rely heavily on the Hospital Management System to manage numerous administrative and clinical tasks effectively.
- Systems that are both reliable and complete are desperately needed in order to improve patient care, optimize organizational efficiency, and streamline operations.
- This project proposes a website-based HMS to address these challenges.
- The main features, functions, and advantages of the HMS are highlighted in this project report, which provides a thorough overview of the system's development, implementation, and evaluation.





# Modules

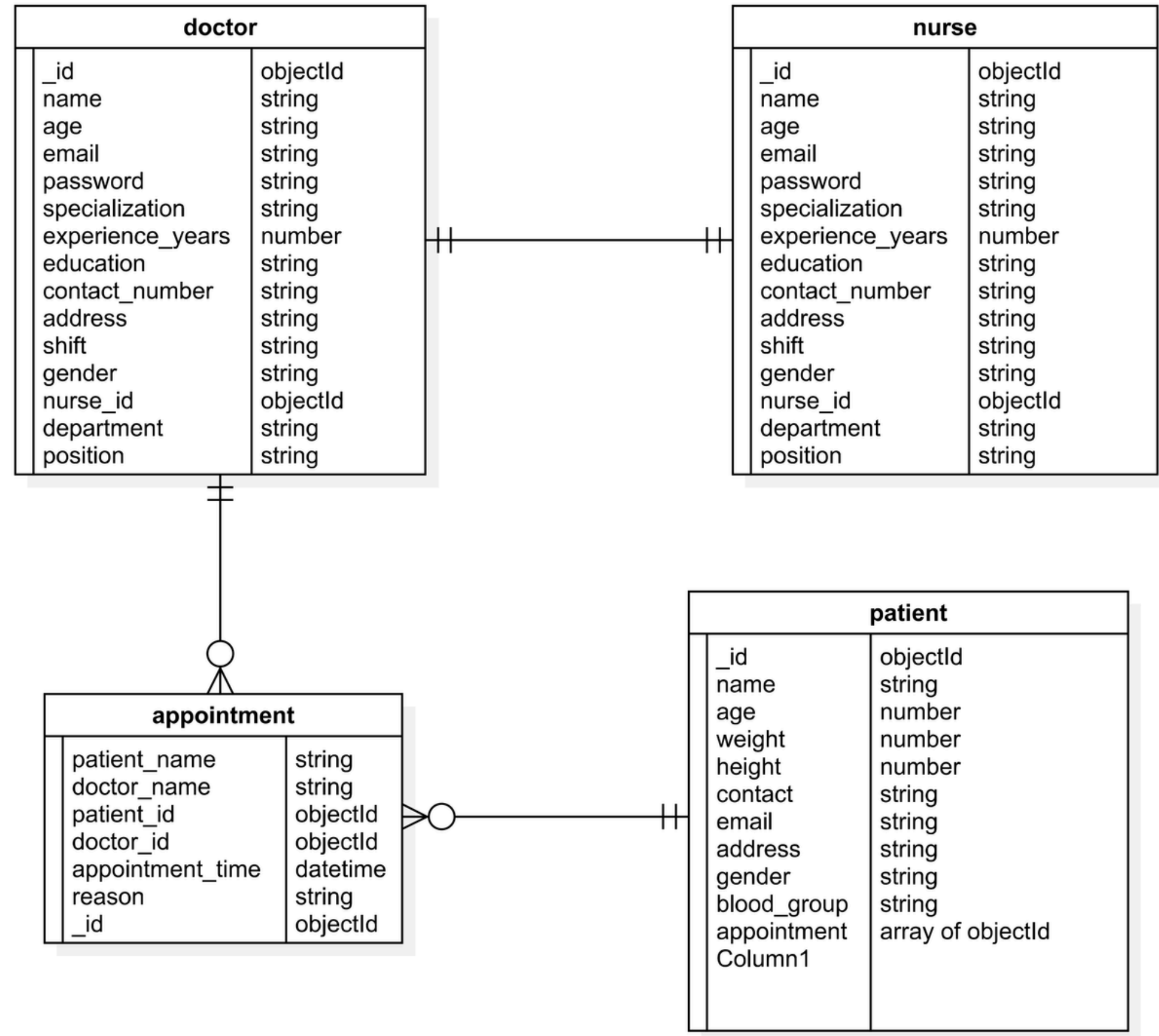
- CRUD Operations for Patients
- CRUD Operations for Staff
- CRUD Operations for Patient
- Schedule Appointments
- Check Ward Availability



- CRUD Operations: Simplifies patient and staff record management for better access and updates.
- Appointment Scheduling: Streamlines appointment booking for patients and avoids conflicts for doctors.
- Ward Availability: Enables real-time tracking of available beds for efficient patient allocation.

# ERD Diagram

The ERD serves as a blueprint for developers building the HMS. It fosters communication between stakeholders (hospital staff, developers) by providing a shared understanding of how data flows and interacts within the system. This reduces errors and ensures the final HMS functions as intended, meeting the needs of both patients and hospital staff.

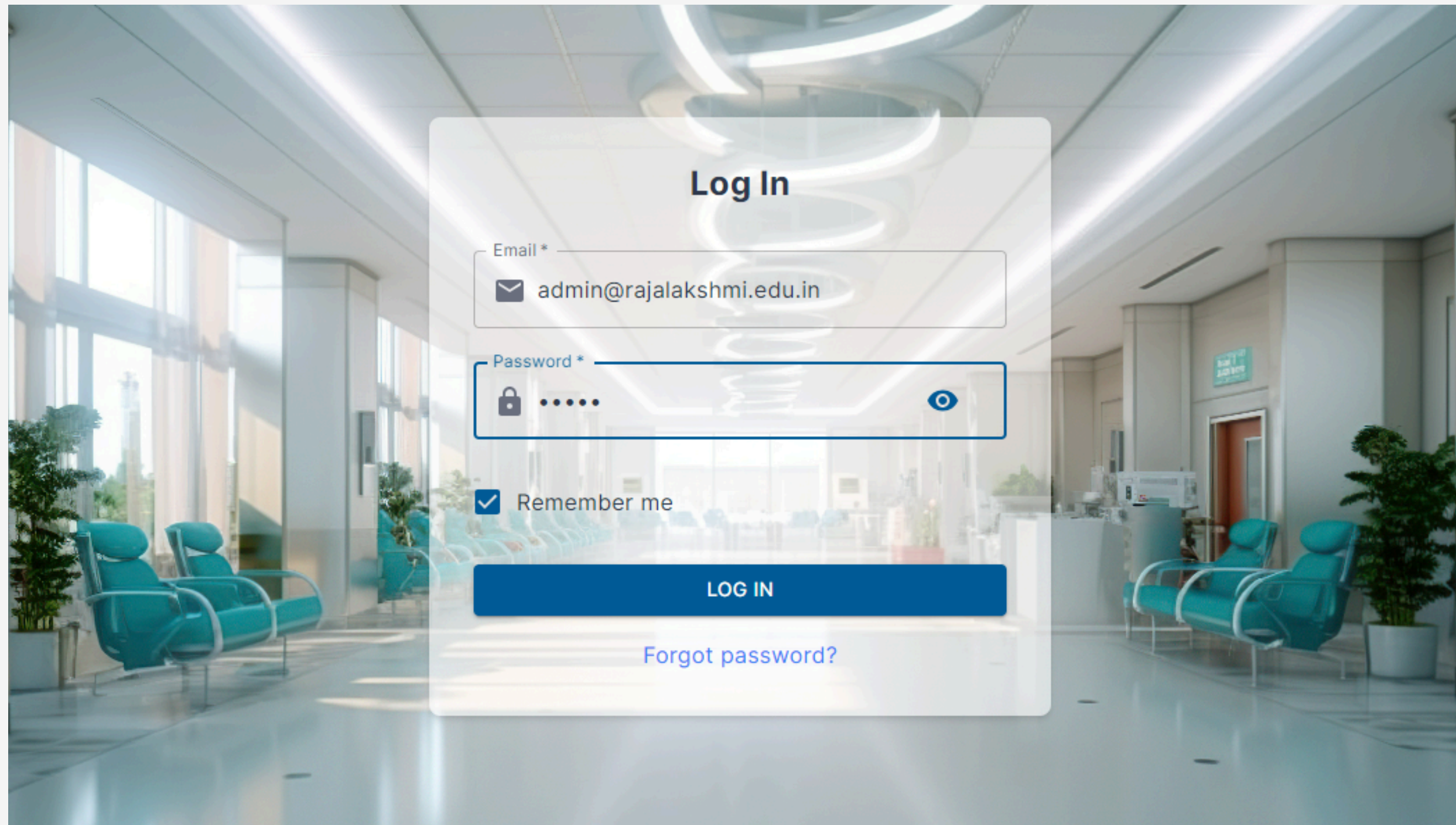


# Objective

- The primary goal of a Hospital Management System is to enhance the efficiency, accuracy, and quality of healthcare delivery while improving patient satisfaction and outcomes;
- By providing instant access to patient information, facilitating seamless communication between the healthcare providers and automating routine tasks, an HMS enables hospitals to delivery timely and effective care to patients, thereby saving efforts for both healthcare providers and patients alike.
- It manages all the information about doctors, nurses, appointments, admission details, room availability.
- This project is totally built at administrative end and this only the administrator is guaranteed the access.



# Project Outcome

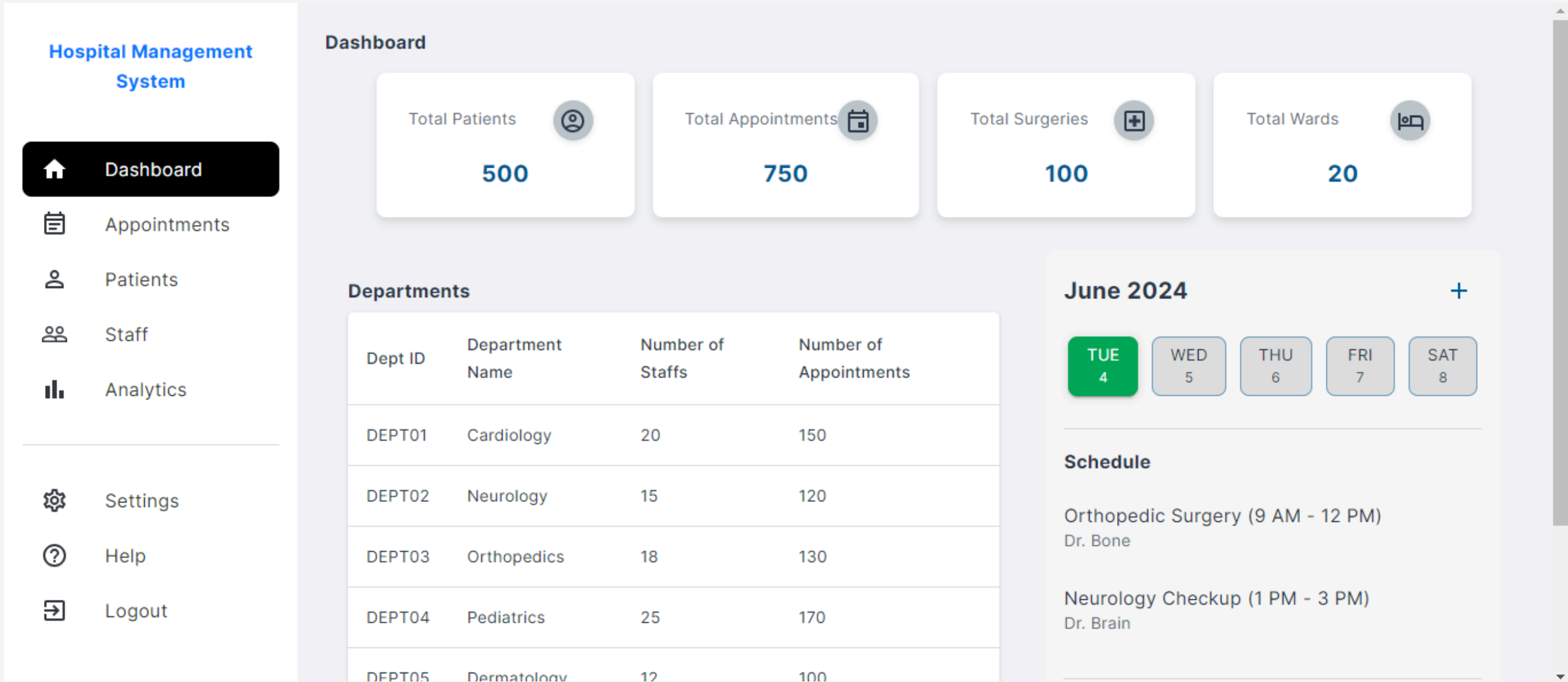


Login Page

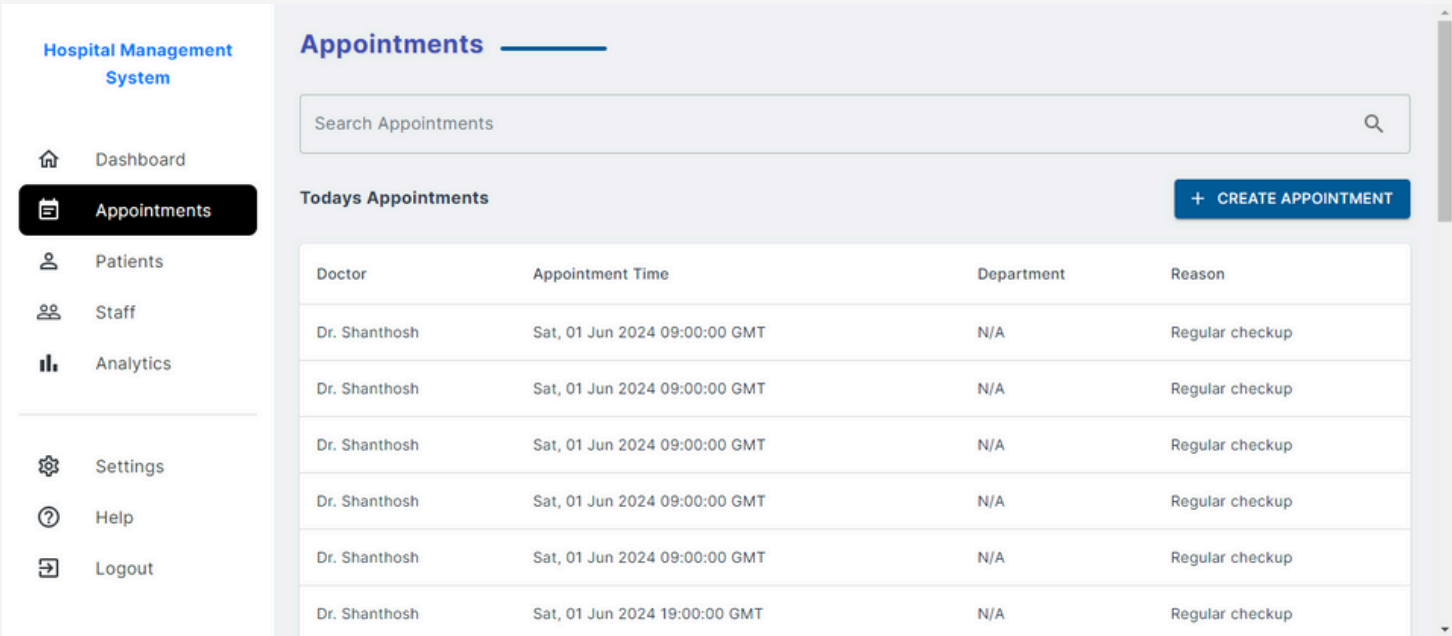
The Login Page of the hospital management system serves as the gateway to the administrative functionalities, ensuring that only authorized personnel can access sensitive information and perform critical tasks.

The Dashboard provides an overview of the hospital's operations, displaying scheduled appointments, pending tasks, and key notifications, enabling the admin to manage and monitor activities efficiently.

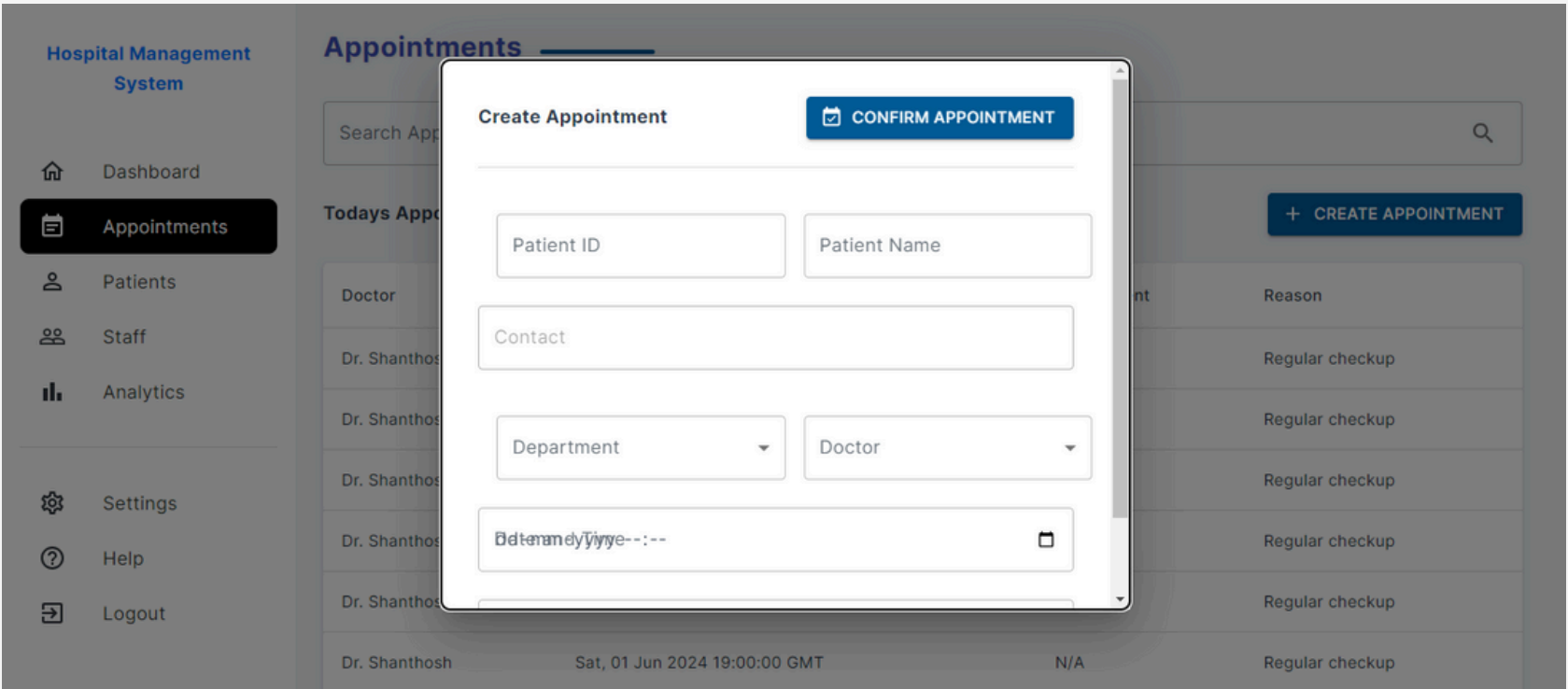
# Dashboard



# Appointment Page



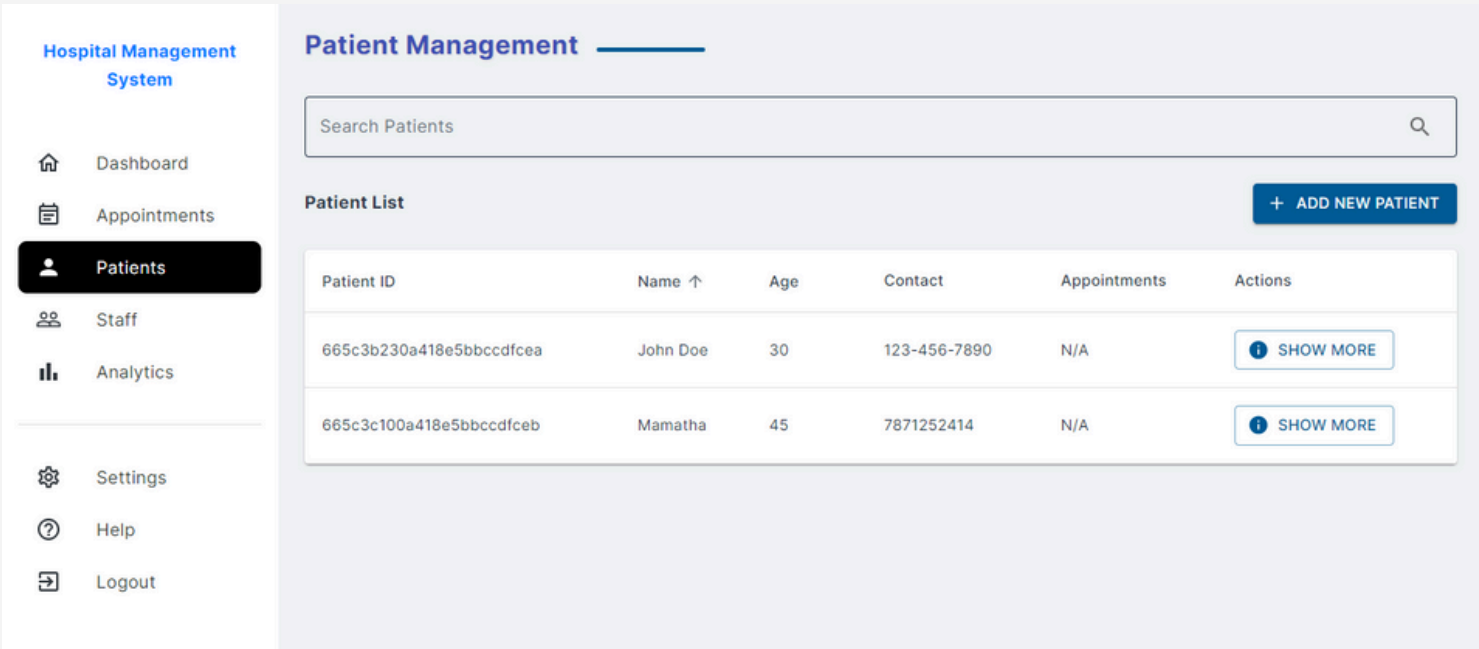
# Create Appointment



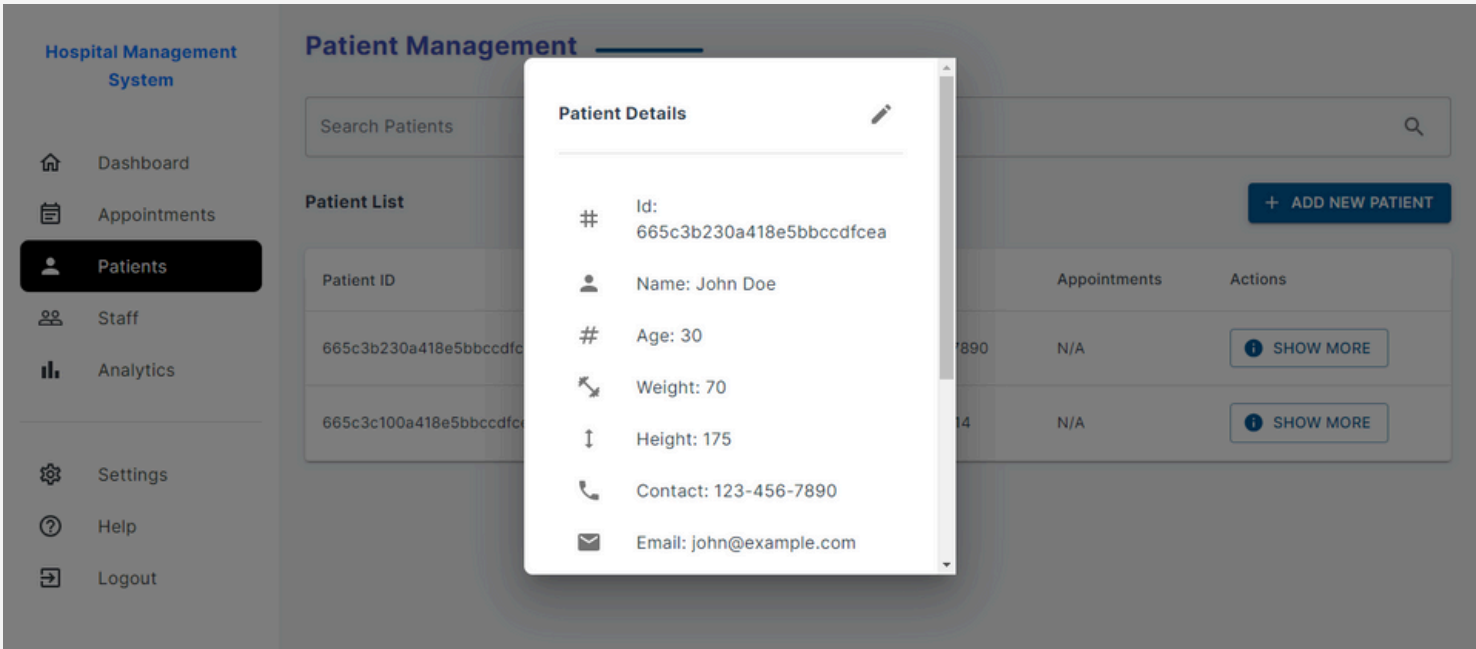
The Appointment Page allows the admin to schedule, reschedule, and cancel patient appointments with doctors, offering a calendar view of doctors' availability and ensuring efficient management of appointment slots.



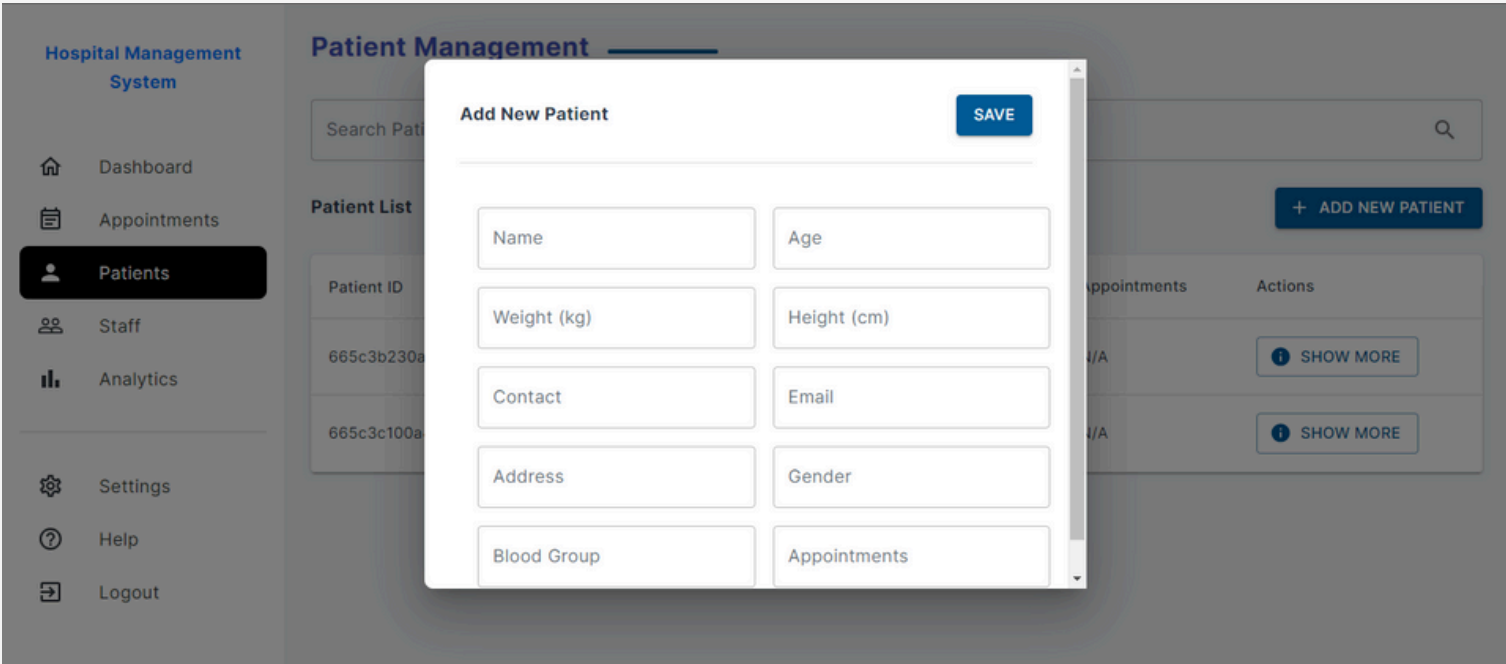
# Patient Page



# Patient Details

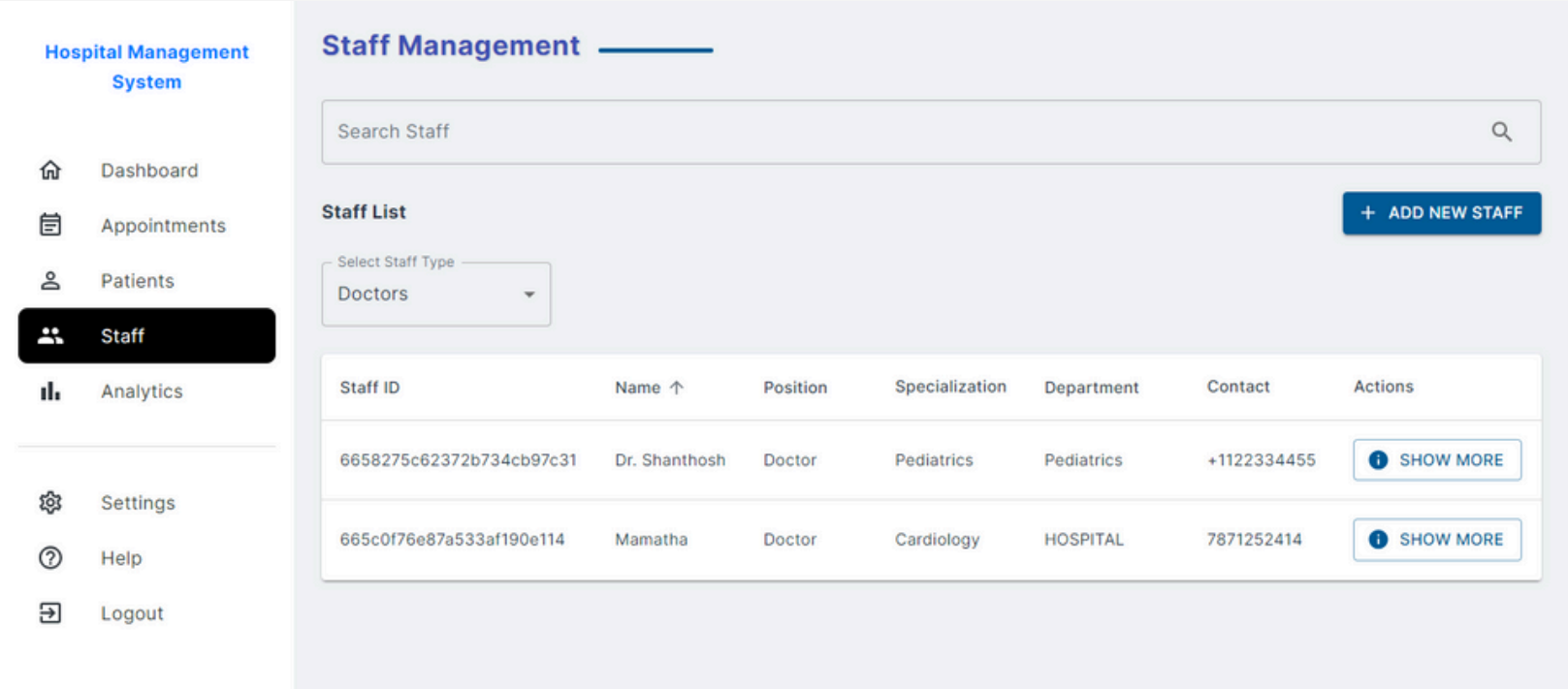


# Add new Patient



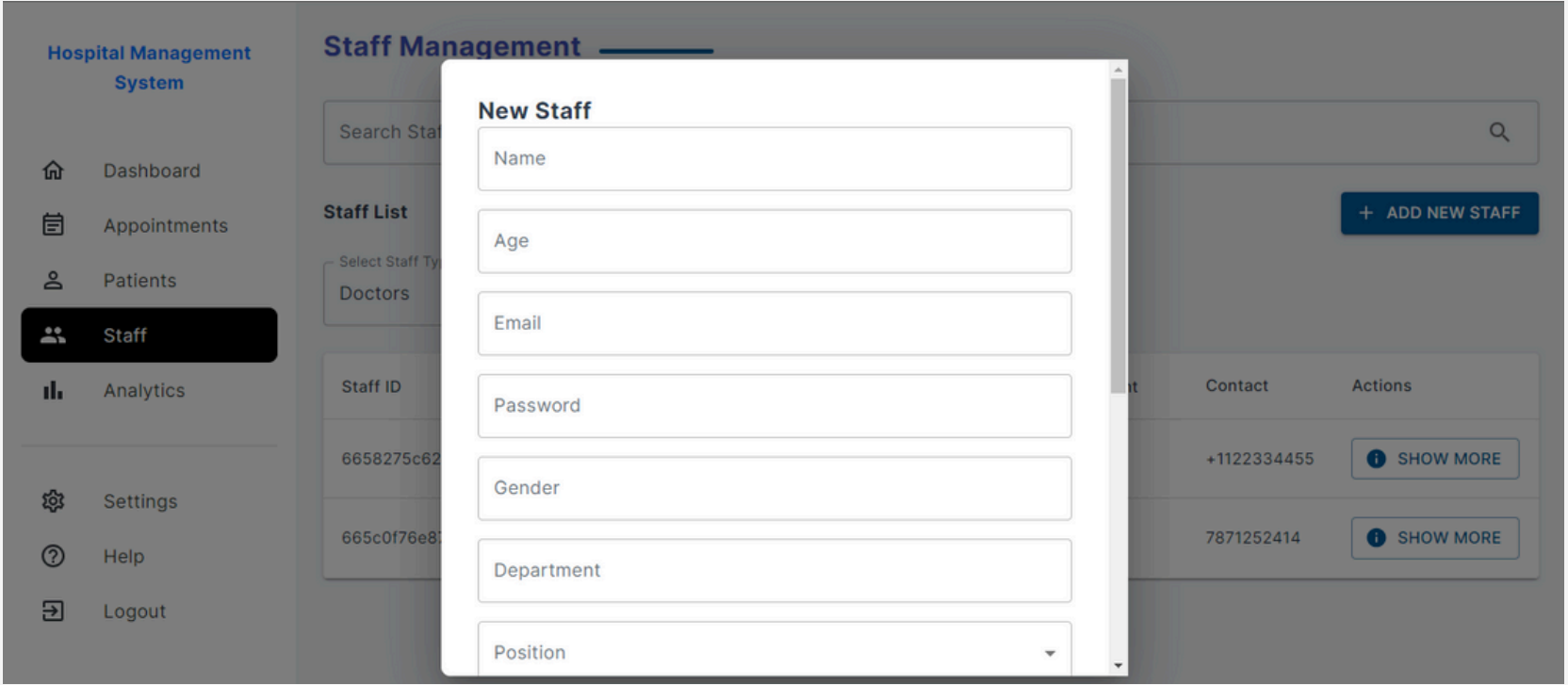
The Patient Page enables the admin to perform CRUD operations on patient records, providing a comprehensive view of patient details, medical histories, and documents, with an integrated search function for easy access.

# Staff Page



The Staff Page allows the admin to manage doctor and nurse records, including performing CRUD operations and assigning roles, with a search function to quickly locate and update staff information.

# Add New Staff



# Staff Details

