Hospital Appointment & Billing System Wireframes Documentation

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Abstract

This document contains wireframes for the Hospital Appointment & Billing System. The wireframes cover three main user roles: Patients, Doctors, and Administrators. Each wireframe includes a description of its purpose and main components. It is important to note that a few wireframes may not exactly match the final implementations of the pages.

Contents

1   Introduction

The Hospital Appointment & Billing System is a comprehensive platform designed to streamline healthcare management. This document presents wireframes for key user interfaces across patient, doctor, and administrator roles.

2   User Roles & Access Levels

- **Patients:** Can book appointments, view prescriptions, pay bills, and manage their health information

- **Doctors:** Can view schedules, create prescriptions, access patient records, and manage appointments

- **Administrators:** Can manage departments, doctors, patients, and oversee system operations

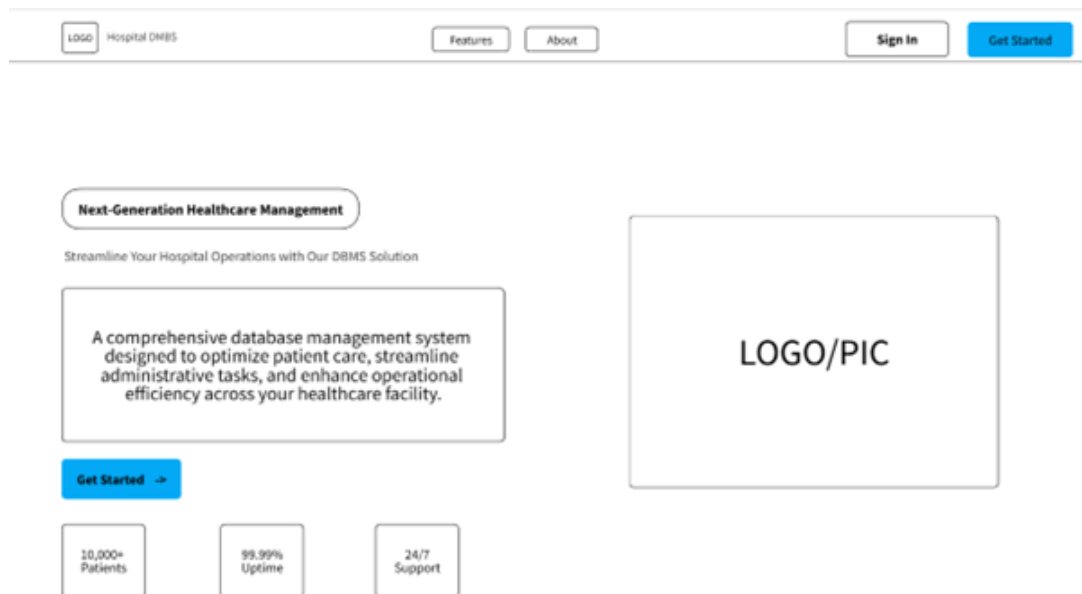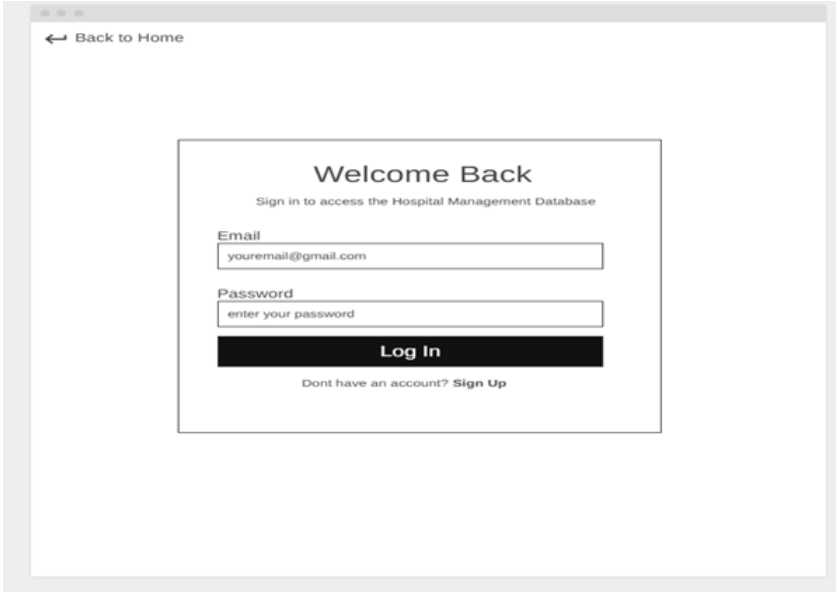# 3 Public Pages

3.1 Landing Page

Figure 1: Landing Page - Public access to hospital information and login options

Description

Main entry point for all users:

- Hospital logo and main navigation

- Hero section with appointment booking CTA

- Sign in/Get Started buttons

3.2   Login Page

Figure 2: Login Page - Authentication for all user types

Description

Unified login page with role selection:

- Role selector (Patient/Doctor/Administrator)
- Email/Username input field
- Password field with show/hide toggle
- Signup redirect link

3.3   Signup Page

Figure 3: Signup Page - New user registration

Description

New user registration form:

- Sign up

- Only for patients

- Password creation

4 Patient Dashboard

4.1 Patient Dashboard: Overview Section

Figure 4: Patient Dashboard Overview - Main patient interface

Description

Patient's main dashboard after login:

- Upcoming appointments card
- Health summary (vitals, recent visits)
- Quick actions (Book Appointment, View Bills, Medical Records)
- Notifications panel

4.2 Patient Dashboard: Appointments Section
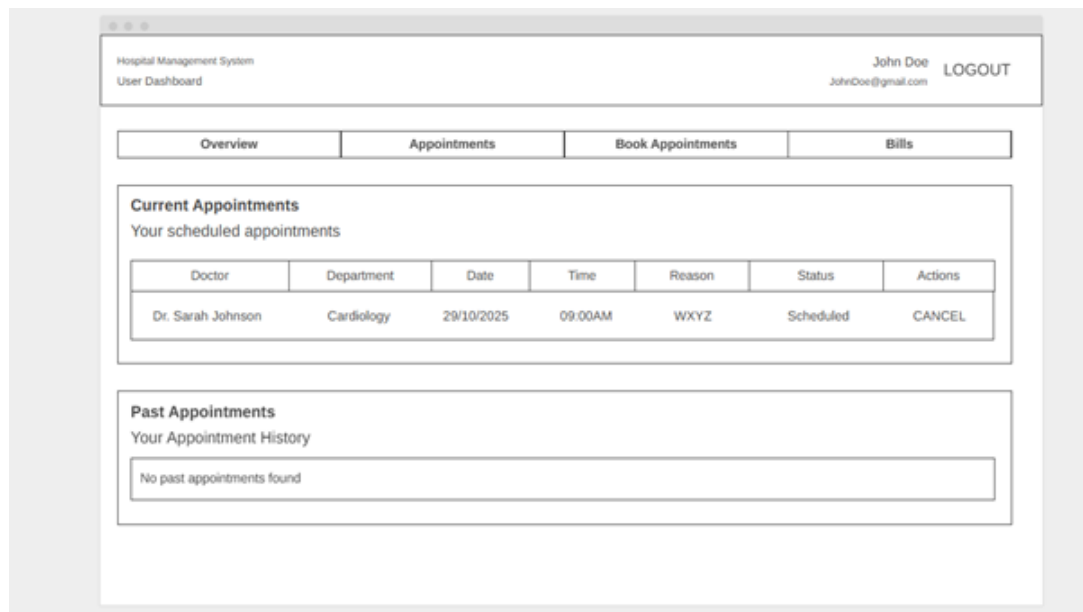

Figure 5: Appointments Section - Manage scheduled appointments

Description

Appointment management interface:

- Appointment table with date, time, doctor, department

- Status indicators (Confirmed, Pending, Completed)

- Action buttons (Reschedule, Cancel, View Details)

- Appointment details modal on click

- Past Appointments view

4.3   Patient Dashboard: Book Appointments Section

Figure 6: Book Appointments Section - Schedule new appointments

Description

Appointment booking interface:

- Doctor selection
- Calendar date picker
- Time slot selection (available/occupied slots shown)
- Reason for visit text area

4.4   Patient Dashboard: Bills Section
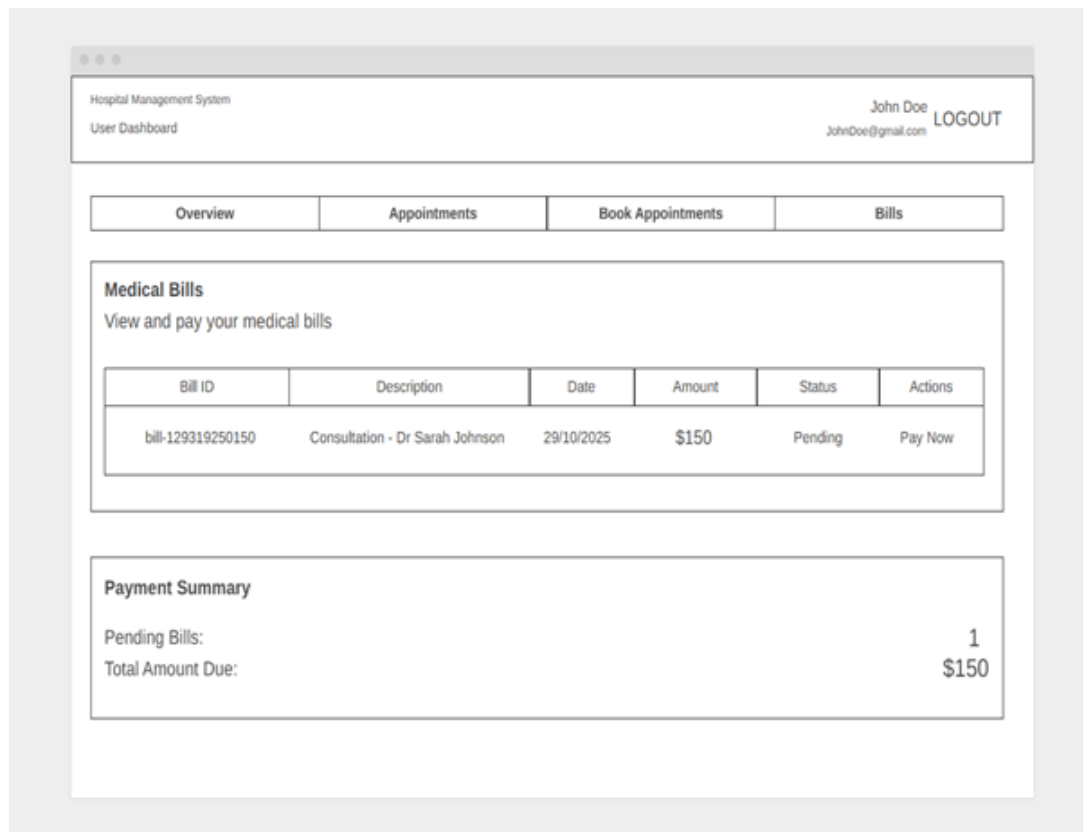
Figure 7: Bills Section - View and pay medical bills

Description

Billing and payment interface:

- Tab view (Pending, Paid, All)

- Bill summary cards with amount, due date, status

- Payment summary, with pending bills and Total due

4.5   Patient Dashboard: View/Edit Patient Information

Figure 8: Patient Information Section - Manage personal and medical data

Description

Patient profile management:

- Personal information form

- Emergency contact details

- Medical history section

- Two-factor authentication setup

5 Doctor Dashboard

5.1 Doctor Dashboard Overview

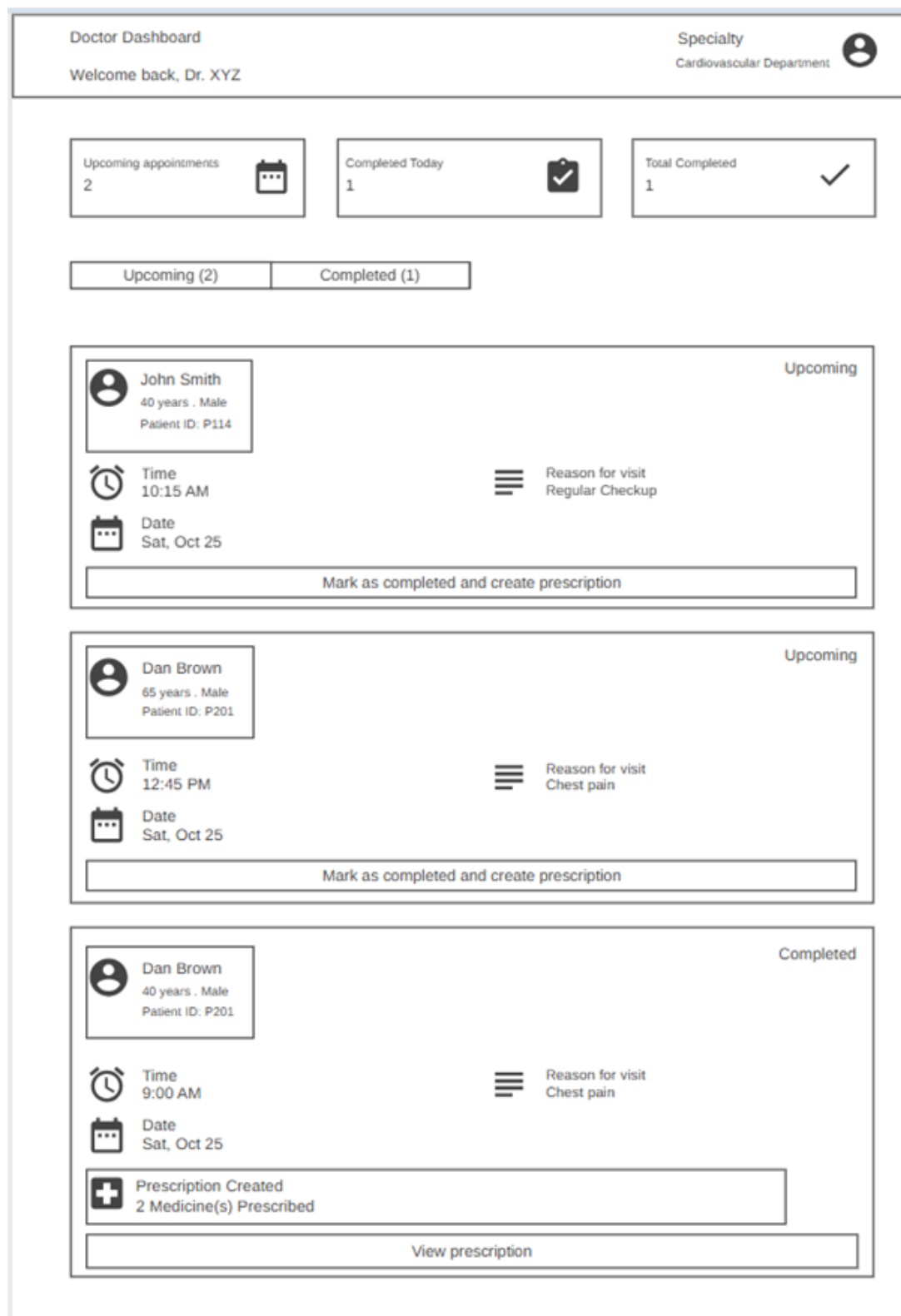Figure 9: Doctor Dashboard - Main doctor interface

Description

Doctor's main dashboard:

- Today's schedule timeline

- Upcoming appointments, completed today, total completed cards

- Appointment cards

- Completed appointments

5.2   Doctor Dashboard: Creating a Prescription

Create Prescription

Complete appointment and create prescription for John Smith (P001)

Patient Name
John Smith

Patient ID
P001

Age / Gender
45 years / Male

Reason
Regular Chechup

+ Add Medicine

Medicine Name

e.g. Aspirin

Dosage

e.g 100mg twice daily

Duration

e.g. 7 days

+ Add medicine to Prescription

Prescription Notes

Enter diagnosis, instructions and additional notes...

Cancel

Complete Appointment & Save Prescription

Figure 10: Create Prescription - Digital prescription creation

Description

Digital prescription interface:

- Patient info, ID, Reason for checkup

- Medication and dosage information

- Duration and frequency of medicine dosage

- Diagnosis and Prescription notes text area

5.3   Doctor Dashboard: Viewing a Completed Prescription

Figure 11: View Prescription - Review completed prescriptions

Description

Prescription viewing interface:

- Prescription header (Patient name, Date, Prescription ID)
- Diagnosis details
- Medications list with dosages
- Prescription Notes and Diagnosis

6 Administrator Dashboard
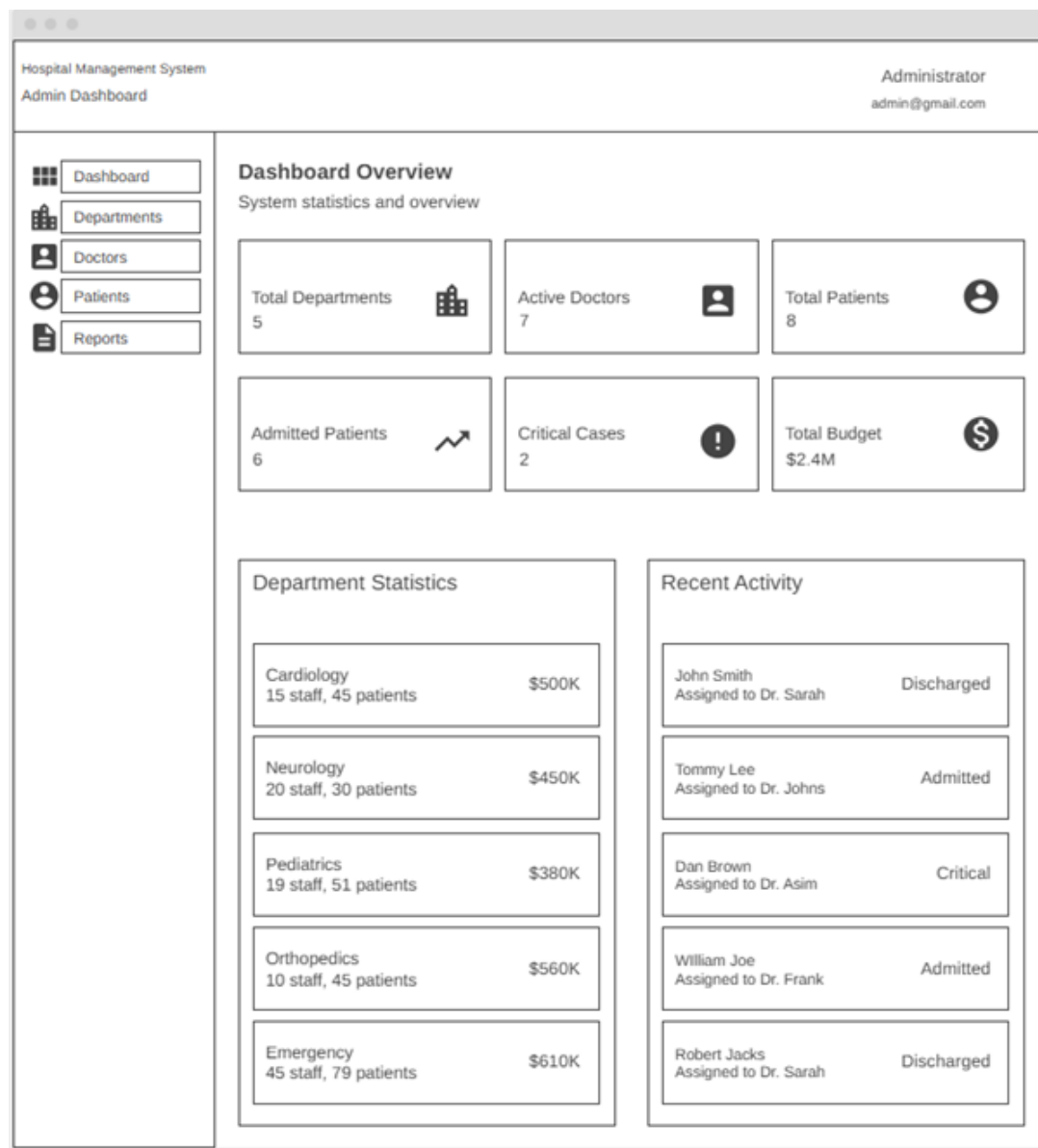
6.1 Admin Dashboard: Overview Section

Figure 12: Admin Overview - System-wide statistics and monitoring

Description

Administrator's main dashboard:

- System statistics tables (Departments and Patients)

- Department occupancy rates

- Quick admin actions

- Resource utilization metrics

- Cards for departments, doctors, patients.
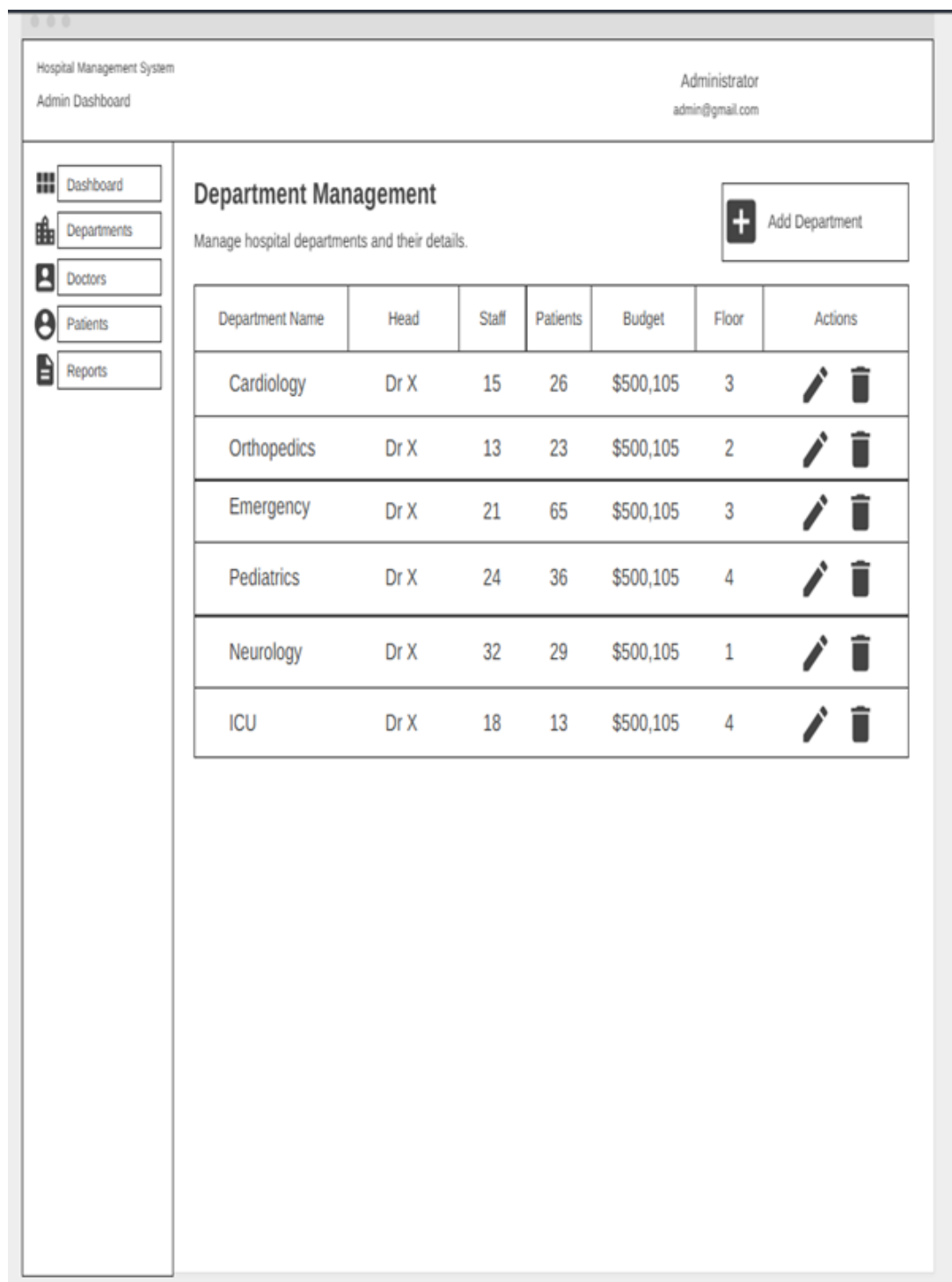
6.2 Admin Dashboard: Department Section

Figure 13: Department Management - Manage hospital departments

Description

Department management interface:

- Department list with details (Name, Head, Floor)

- Add new department form

- Edit department details

- Delete departments
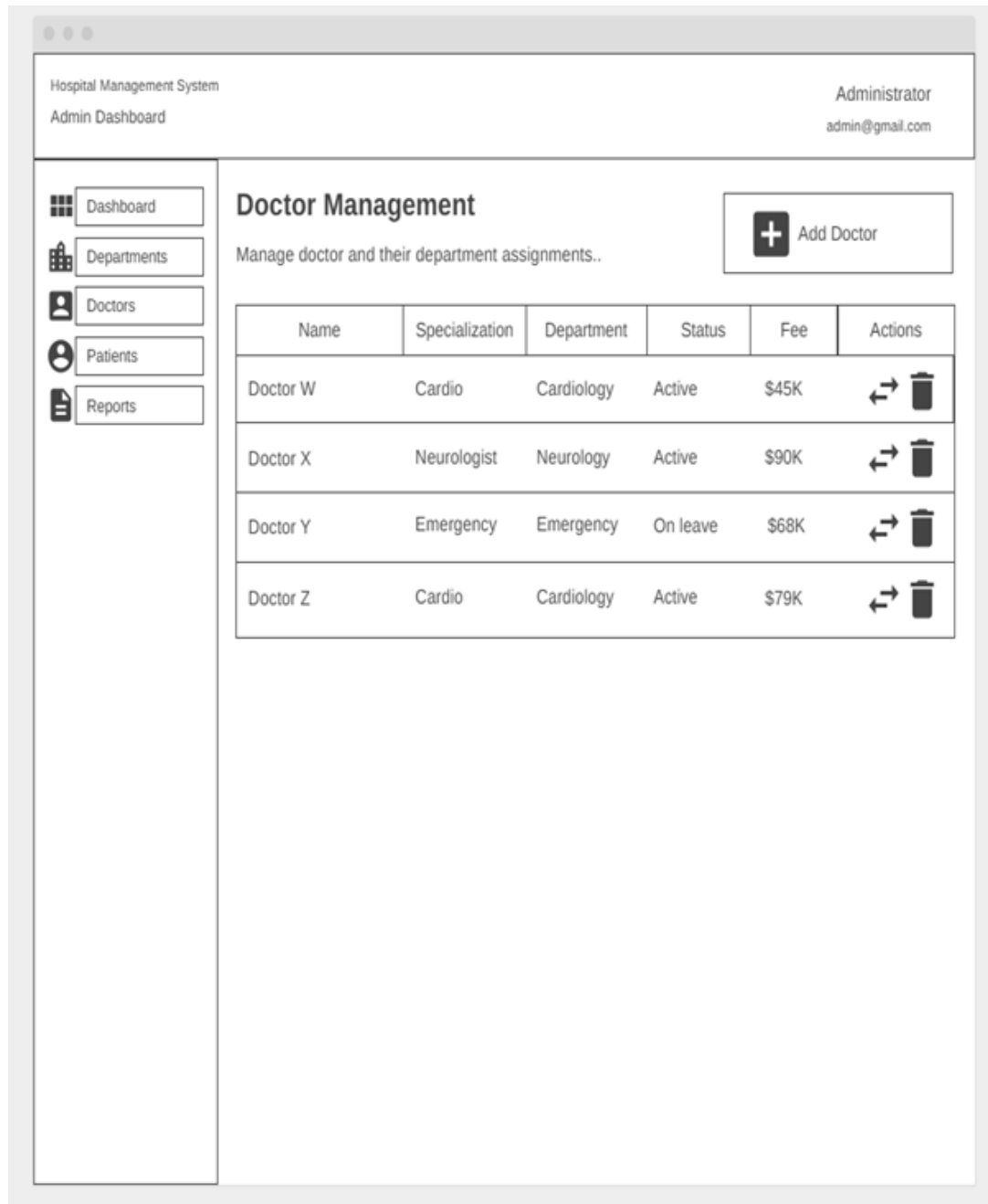
6.3   Admin Dashboard: Doctors Section

Figure 14: Doctors Management - Manage medical staff

Description

Doctor management interface:

- Doctor list with filter options (Department, Status)

- Doctor Information; department, specialty.

- Add doctor to department

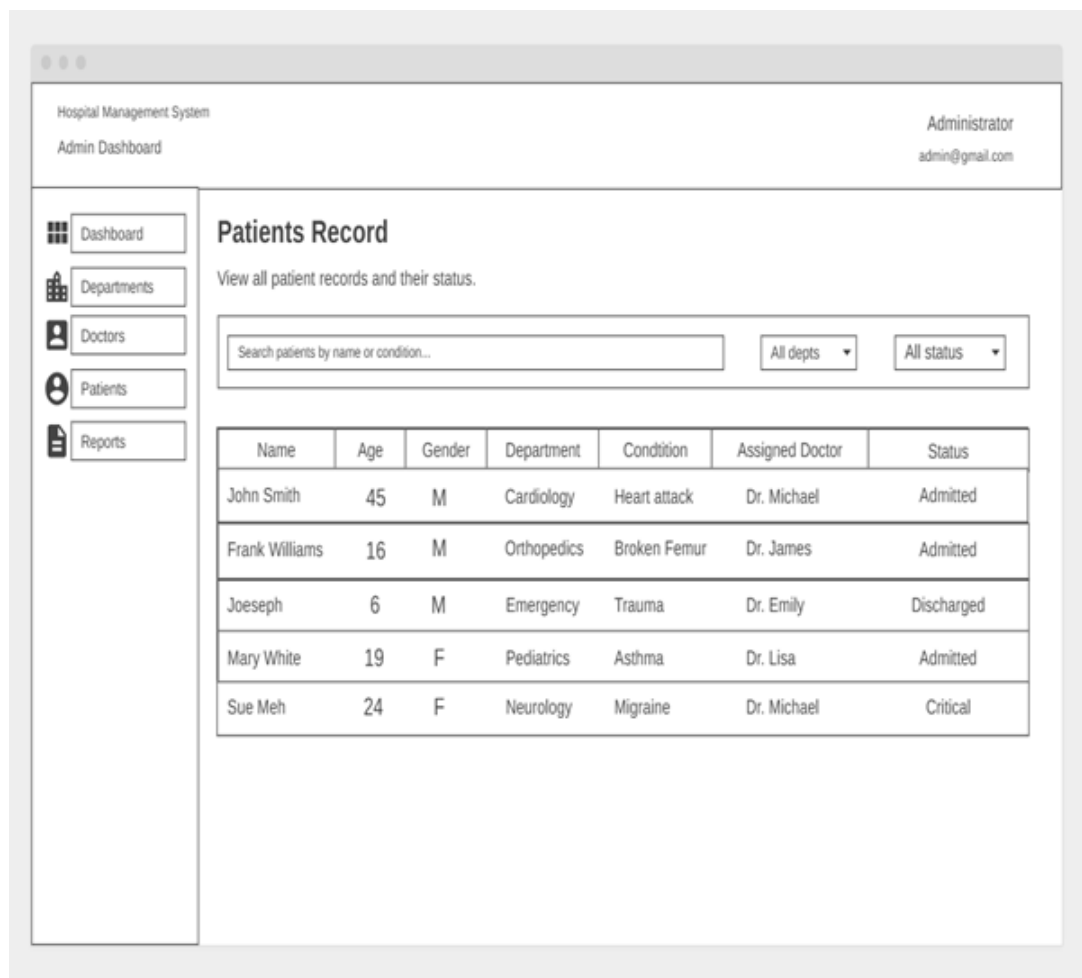- Remove/Put doctor on leave

6.4   Admin Dashboard: Patients Section

Figure 15: Patients Management - Manage patient records

Description

Patient management interface:

- Patient list

- Billing information

- Emergency access controls

7   Wireframe Index

Table 1: Hospital Appointment & Billing System Wireframes Index