

Hospital Appointment & Billing System

Wireframes Documentation

Muhammad Faraz Ansari & Ashhal Aamir

December 8, 2025

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	2
2	User Roles & Access Levels	2
3	Public Pages	3
3.1	Landing Page	3
3.2	Login Page	4
3.3	Signup Page	4
4	Patient Dashboard	6
4.1	Patient Dashboard: Overview Section	6
4.2	Patient Dashboard: Appointments Section	7
4.3	Patient Dashboard: Book Appointments Section	8
4.4	Patient Dashboard: Bills Section	9
4.5	Patient Dashboard: View/Edit Patient Information	10
5	Doctor Dashboard	11
5.1	Doctor Dashboard Overview	11
5.2	Doctor Dashboard: Creating a Prescription	13
5.3	Doctor Dashboard: Viewing a Completed Prescription	15
6	Administrator Dashboard	16
6.1	Admin Dashboard: Overview Section	16
6.2	Admin Dashboard: Department Section	17
6.3	Admin Dashboard: Doctors Section	19
6.4	Admin Dashboard: Patients Section	20
7	Wireframe Index	21

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

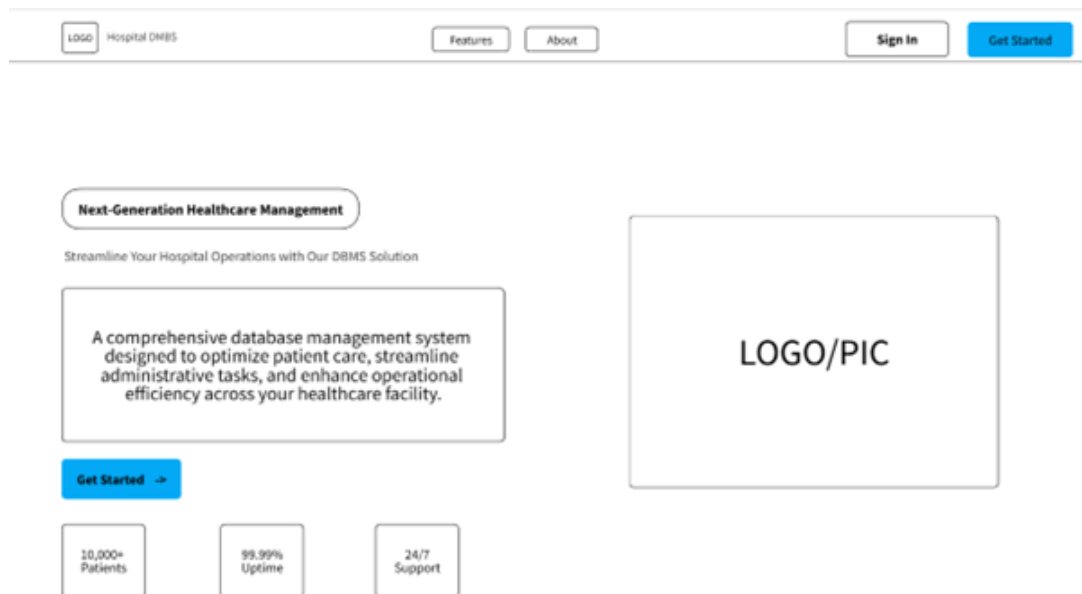


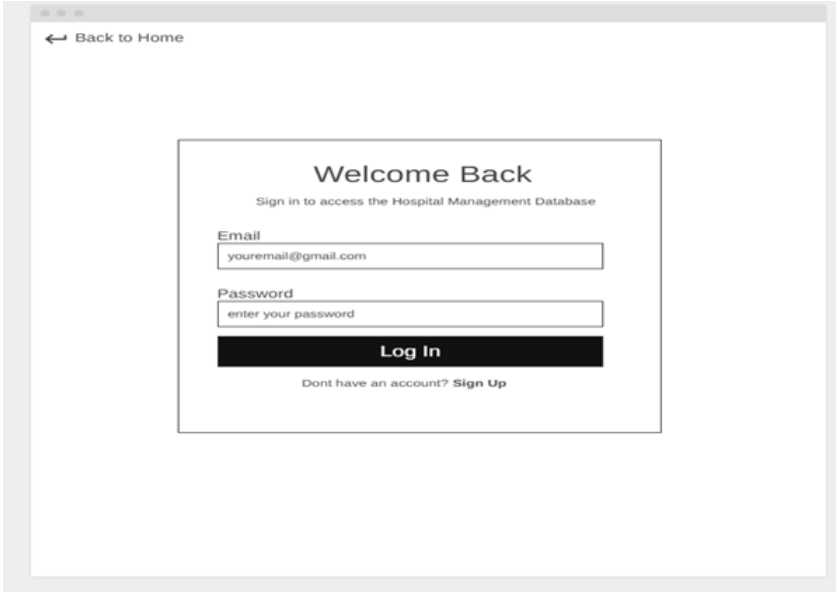
Figure 1: Landing Page - Public access to hospital information and login options

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



The login page wireframe is displayed within a browser window. At the top left of the window is a 'Back to Home' link with a left-pointing arrow. The main content area is a white box with a black border. Inside this box, the heading 'Welcome Back' is centered. Below it is the subtext 'Sign in to access the Hospital Management Database'. The form contains two input fields: 'Email' with the placeholder 'youremail@gmail.com' and 'Password' with the placeholder 'enter your password'. Below these fields is a black 'Log In' button. At the bottom of the form, there is a link that says 'Dont have an account? Sign Up'.

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



The signup page wireframe is displayed within a browser window. At the top left of the window is a 'Back to Home' link with a left-pointing arrow. The main content area is a white box with a black border. Inside this box, the heading 'Create Your Account' is centered. Below it are several input fields: 'First Name' (with 'John' as a placeholder), 'Last Name' (with 'Smith' as a placeholder), 'Phone Number' (with '03xx-xxxxxxx' as a placeholder), and 'Email' (with 'youremail@email.com' as a placeholder). There are also two password fields: 'Password' (with 'Min 8 chars' as a placeholder) and 'Confirm Password' (with 'Re-enter Password' as a placeholder). At the bottom of the form, there is a checkbox with the text 'I agree to the Terms & Conditions and the Privacy Policy'.

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

The wireframe illustrates the Patient Dashboard Overview section. At the top, a header bar contains 'Hospital Management System' and 'User Dashboard' on the left, and the user's name 'John Doe' with email 'JohnDoe@gmail.com' on the right. Below the header is a navigation bar with four tabs: 'Overview' (selected), 'Appointments', 'Book Appointment', and 'Bills'. The main content area is divided into three summary cards: 'Current Appointments' showing '1 Scheduled Appointments', 'Pending Bills' showing '\$150 Total Amount due', and 'Total Visits' showing '0 Completed Appointments'. Below these is a 'Patient Information' section with fields for Name (John Doe), Email (JohnDoe@gmail.com), D.o.B (2/28/1990), Phone (1234-567890), Address (D-6, 12th Street, Greenwich, London, United Kingdom), Gender (Male), and Blood Type (A+). A 'Medical History' field shows 'N/A'. At the bottom is an 'Upcoming Appointments' section with a card for 'Dr. Sarah Johnson - Cardiology' scheduled for '10/29/2025 at 09:00 AM' with a 'Scheduled' status.

Overview	Appointments	Book Appointment	Bills												
Current Appointments 1 Scheduled Appointments	Pending Bills \$150 Total Amount due	Total Visits 0 Completed Appointments													
Patient Information <table border="1"><tr><td>Name John Doe</td><td>Email JohnDoe@gmail.com</td><td>D.o.B 2/28/1990</td></tr><tr><td>Phone 1234-567890</td><td colspan="2">Address D-6, 12th Street, Greenwich, London, United Kingdom</td></tr><tr><td>Gender Male</td><td colspan="2">Blood Type A+</td></tr><tr><td colspan="3">Medical History N/A</td></tr></table>				Name John Doe	Email JohnDoe@gmail.com	D.o.B 2/28/1990	Phone 1234-567890	Address D-6, 12th Street, Greenwich, London, United Kingdom		Gender Male	Blood Type A+		Medical History N/A		
Name John Doe	Email JohnDoe@gmail.com	D.o.B 2/28/1990													
Phone 1234-567890	Address D-6, 12th Street, Greenwich, London, United Kingdom														
Gender Male	Blood Type A+														
Medical History N/A															
Upcoming Appointments <table border="1"><tr><td>Dr. Sarah Johnson - Cardiology 10/29/2025 at 09:00 AM</td><td>Scheduled</td></tr></table>				Dr. Sarah Johnson - Cardiology 10/29/2025 at 09:00 AM	Scheduled										
Dr. Sarah Johnson - Cardiology 10/29/2025 at 09:00 AM	Scheduled														

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

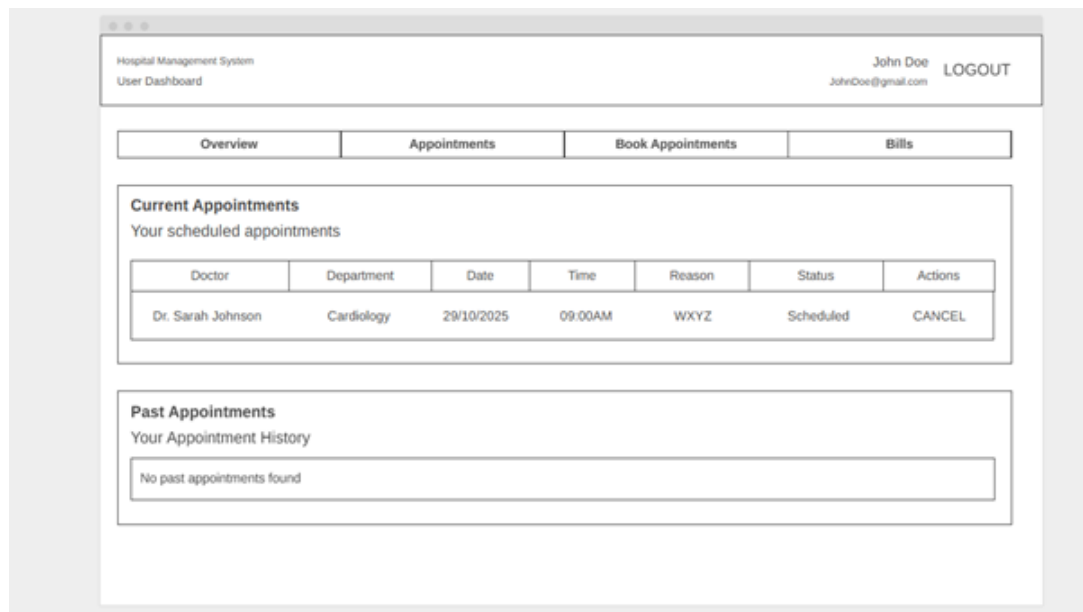


Figure 5: Appointments Section - Manage scheduled appointments

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

The wireframe shows a web browser window with a title bar. Inside, the header area contains 'Hospital Management System' and 'User Dashboard' on the left, and 'John Doe', 'JohnDoe@gmail.com', and a 'LOGOUT' link on the right. Below the header is a navigation bar with four tabs: 'Overview', 'Appointments', 'Book Appointments' (which is active), and 'Bills'. The main content area is titled 'Book New Appointment' with the subtitle 'Schedule an appointment with a doctor'. It features three dropdown menus: 'Select Doctor' with the placeholder 'Choose a doctor', 'Select Time' with the placeholder 'Choose time slot', and 'Select Date' which contains a 'CALENDAR' placeholder. Below these is a text input field for 'Reason for visit' with the placeholder 'Describe your symptoms or reason for visit'. At the bottom of the form is a large black button labeled 'Book Appointment'.

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

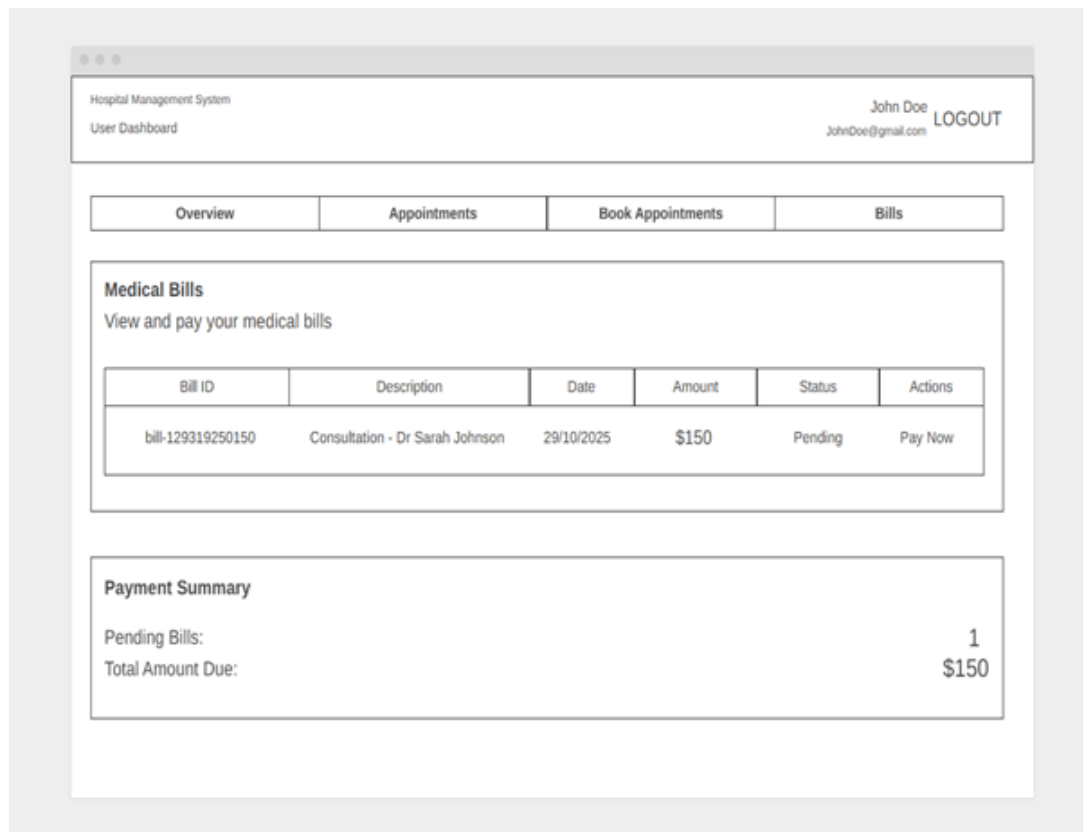


Figure 7: Bills Section - View and pay medical bills

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

The wireframe shows a web browser window with a title bar containing three dots. The page header includes 'Hospital Management System' and 'User Dashboard' on the left, and a 'LOGOUT' link on the right. The main content area is titled 'Complete Your Patient Information' with a subtext: 'Please fill out your information to access the patient dashboard and book appointments'. The form contains several input fields: 'First Name *' (with 'John' entered), 'Last Name *' (with 'Doe' entered), 'Gender *' (with 'Male/Female' entered), 'Phone Number *' (with '1234-567890' entered), 'Date of Birth *' (with '19/9/2025' entered), 'Email *' (with '1234-567890' entered), 'Blood Type *' (with '19/9/2025' entered), 'Address *' (with 'Sarah Smile, 123 Giggie Ave, Richmond, VA 22548, USA.' entered), 'Emergency Contact *' (with 'Name and phone number' entered), and 'Medical History (Optional)' (with 'Name and phone number' entered). A disclaimer box states: 'All information will be kept confidential and used only for medical purposes.' At the bottom is a black button labeled 'Submit 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

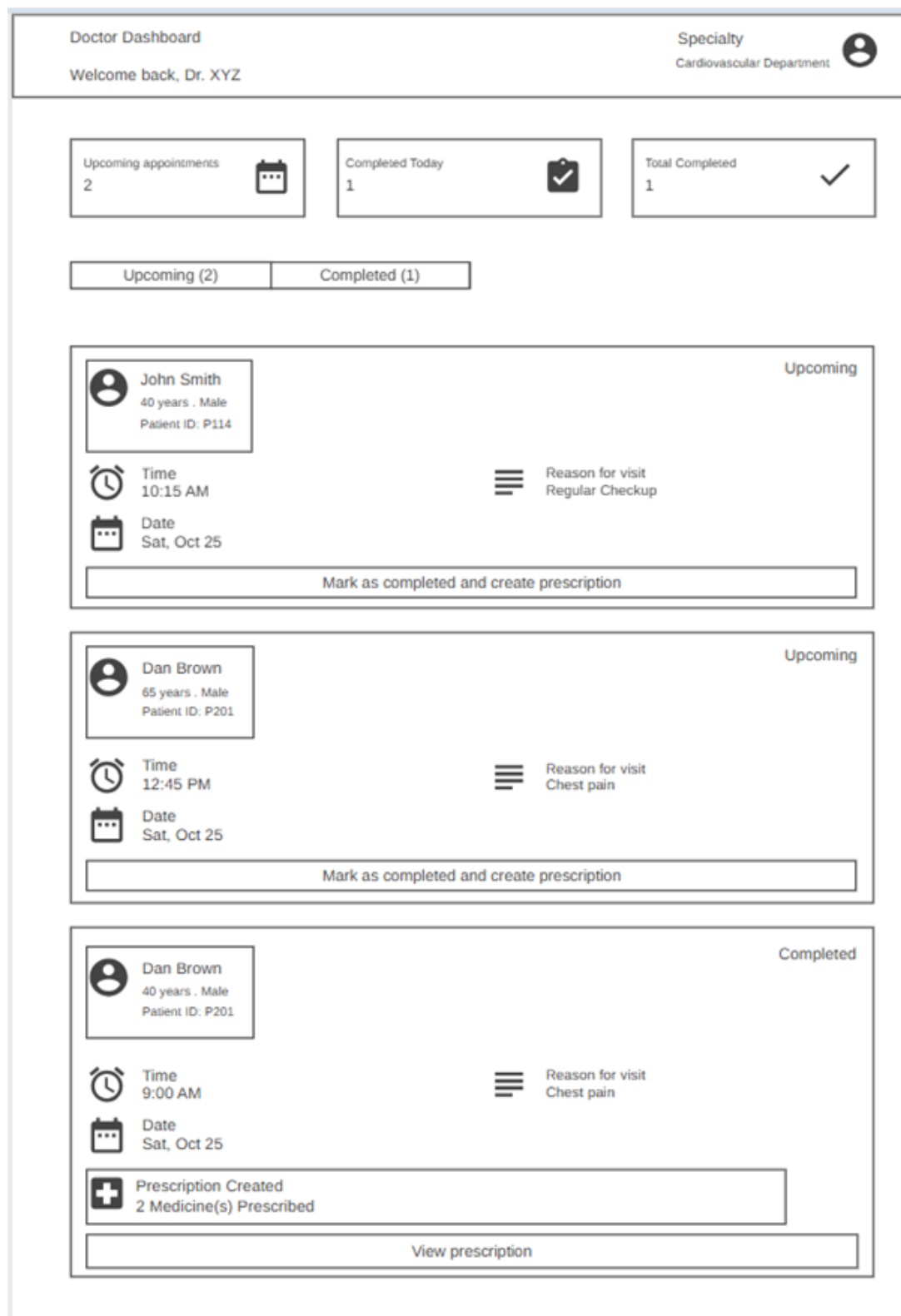


Figure 9: Doctor Dashboard - Main doctor interface

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 Checkup

 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

View Prescription

Prescription for Sarah Wilson (P004)

Patient Name
John Smith

Patient ID
P001

Age / Gender
45 years / Male

Reason
Regular Chechup

Prescribed Medicine

Medicine	Dosage	Duration
Lisinopril	10mg once daily	30 days
Aspirin	81mg once daily	30 days

Prescription Notes

Blood pressure improving. Continue current medication. Follow up in 1 month

Close

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

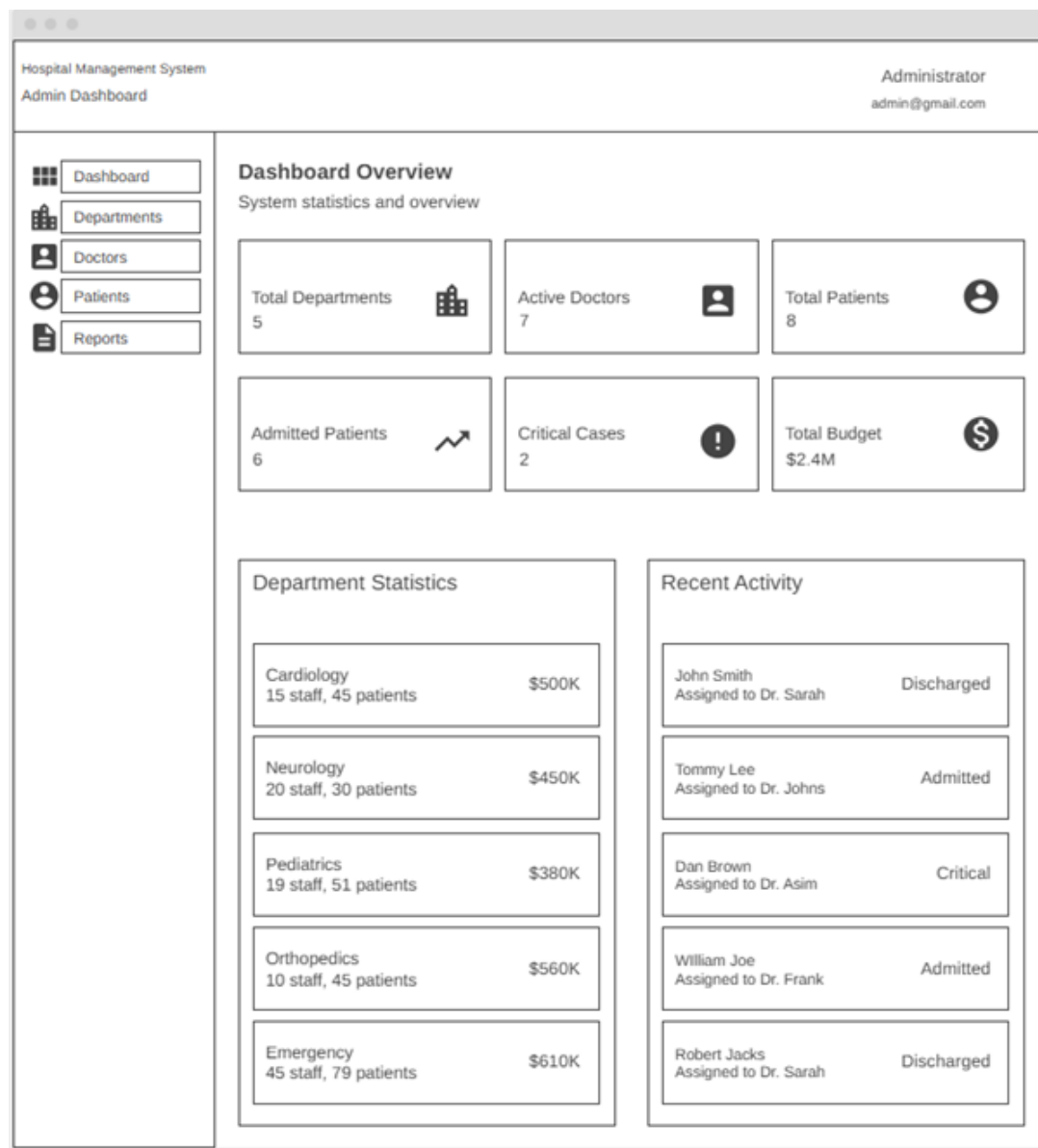


Figure 12: Admin Overview - System-wide statistics and monitoring

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

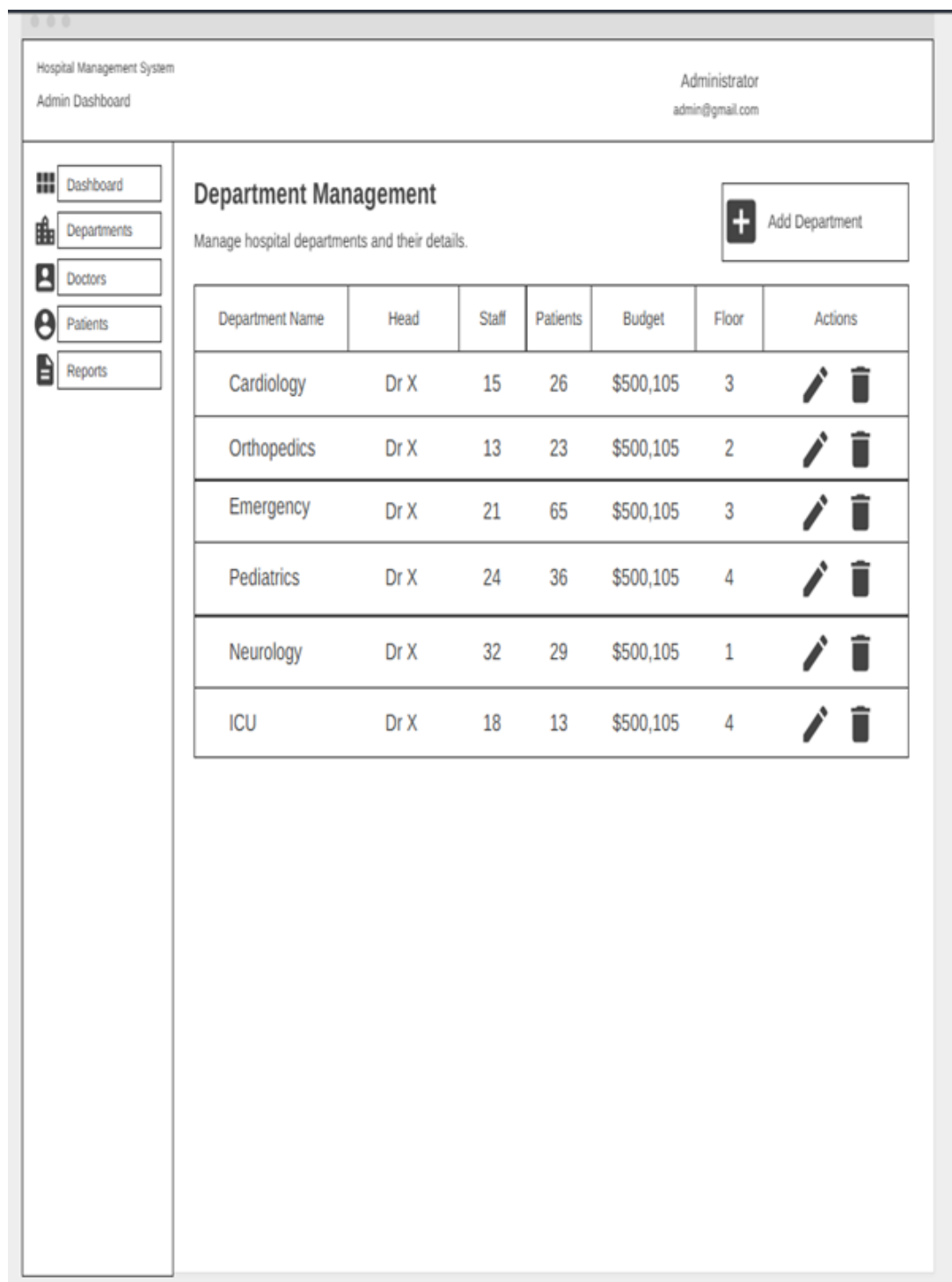


Figure 13: Department Management - Manage hospital departments

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

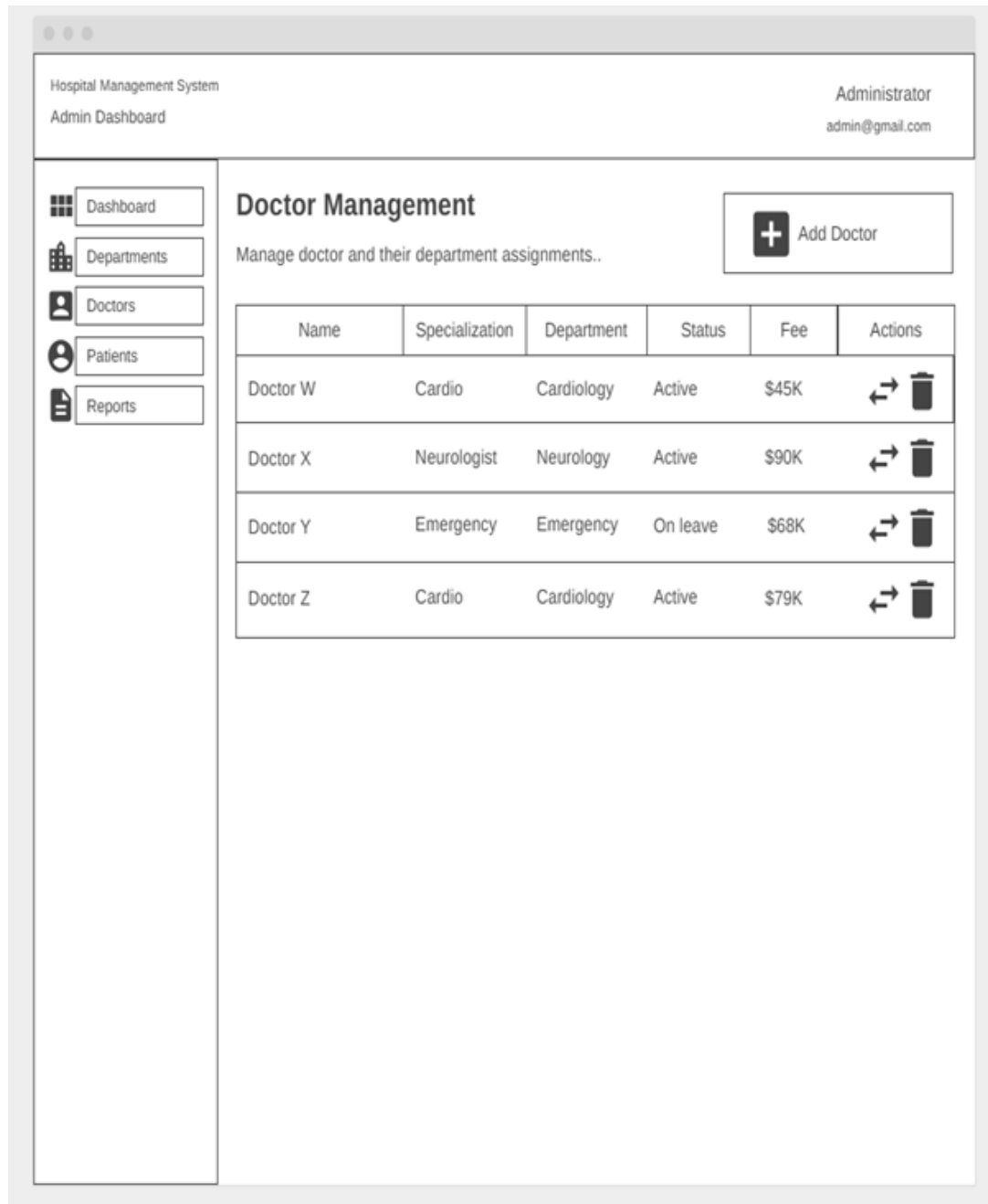


Figure 14: Doctors Management - Manage medical staff

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

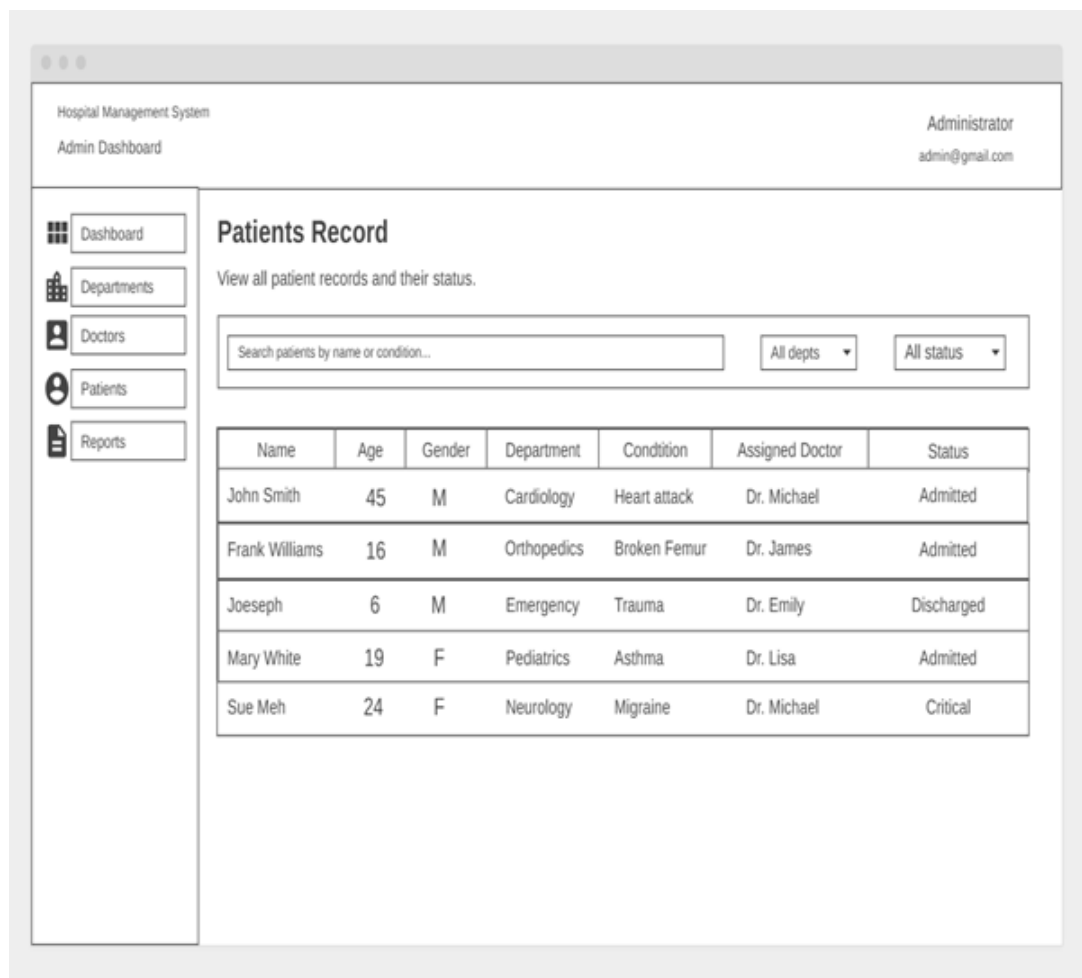


Figure 15: Patients Management - Manage patient records

Description

Patient management interface:

- Patient list
- Billing information
- Emergency access controls

7 Wireframe Index

No.	Wireframe Name	Page	Figure
1	Landing Page	3	1
2	Login Page	4	2
3	Signup Page	4	3
4	Patient Dashboard: Overview	6	4
5	Patient Dashboard: Appointments	7	5
6	Patient Dashboard: Book Appointments	8	6
7	Patient Dashboard: Bills Section	9	7
8	Patient Dashboard: View/Edit Information	10	8
9	Doctor Dashboard Overview	11	9
10	Doctor: Creating a Prescription	13	10
11	Doctor: Viewing a Prescription	15	11
12	Admin Dashboard: Overview	16	12
13	Admin Dashboard: Departments	17	13
14	Admin Dashboard: Doctors	19	14
15	Admin Dashboard: Patients	20	15

Table 1: Hospital Appointment & Billing System Wireframes Index