

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.

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1 Introduction

The Hospital Appointment & Billing System is a comprehensive platform designed to streamline health-care 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

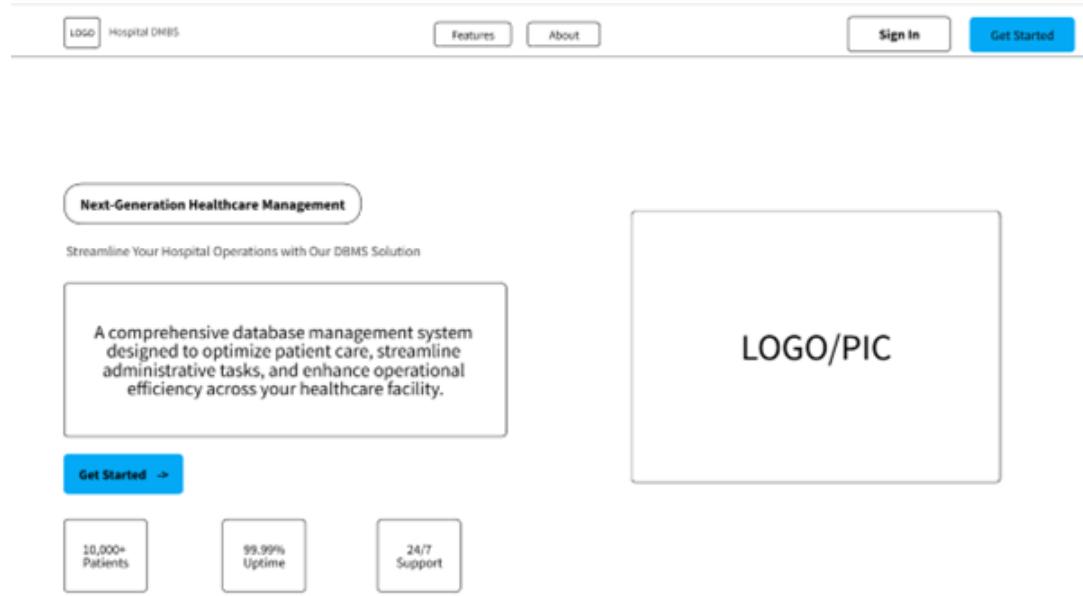


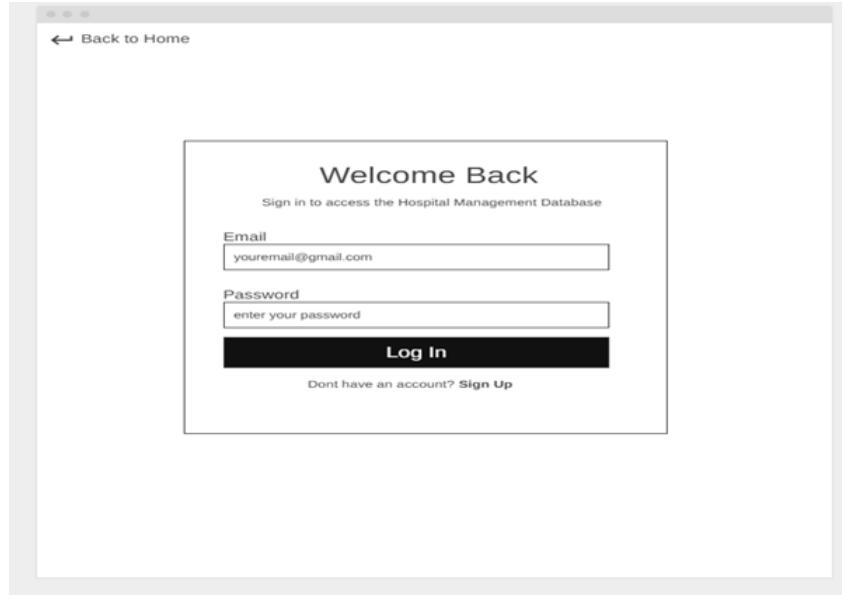
Figure 1: Landing Page - Public access to hospital information and login options

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 wireframe shows a login page titled "Welcome Back" with the subtitle "Sign in to access the Hospital Management Database". It features a "Back to Home" button at the top left. There are two input fields: "Email" containing "youremail@gmail.com" and "Password" containing "enter your password". Below these is a "Log In" button. At the bottom, there is a link "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 wireframe shows a "Create Your Account" page. It includes fields for "First Name" (John), "Last Name" (Smith), "Phone Number" (03xx-xxxxxx), "Email" (youremail@email.com), "Password" (Min 8 chars), and "Confirm Password" (Re-enter Password). A checkbox at the bottom indicates agreement to "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

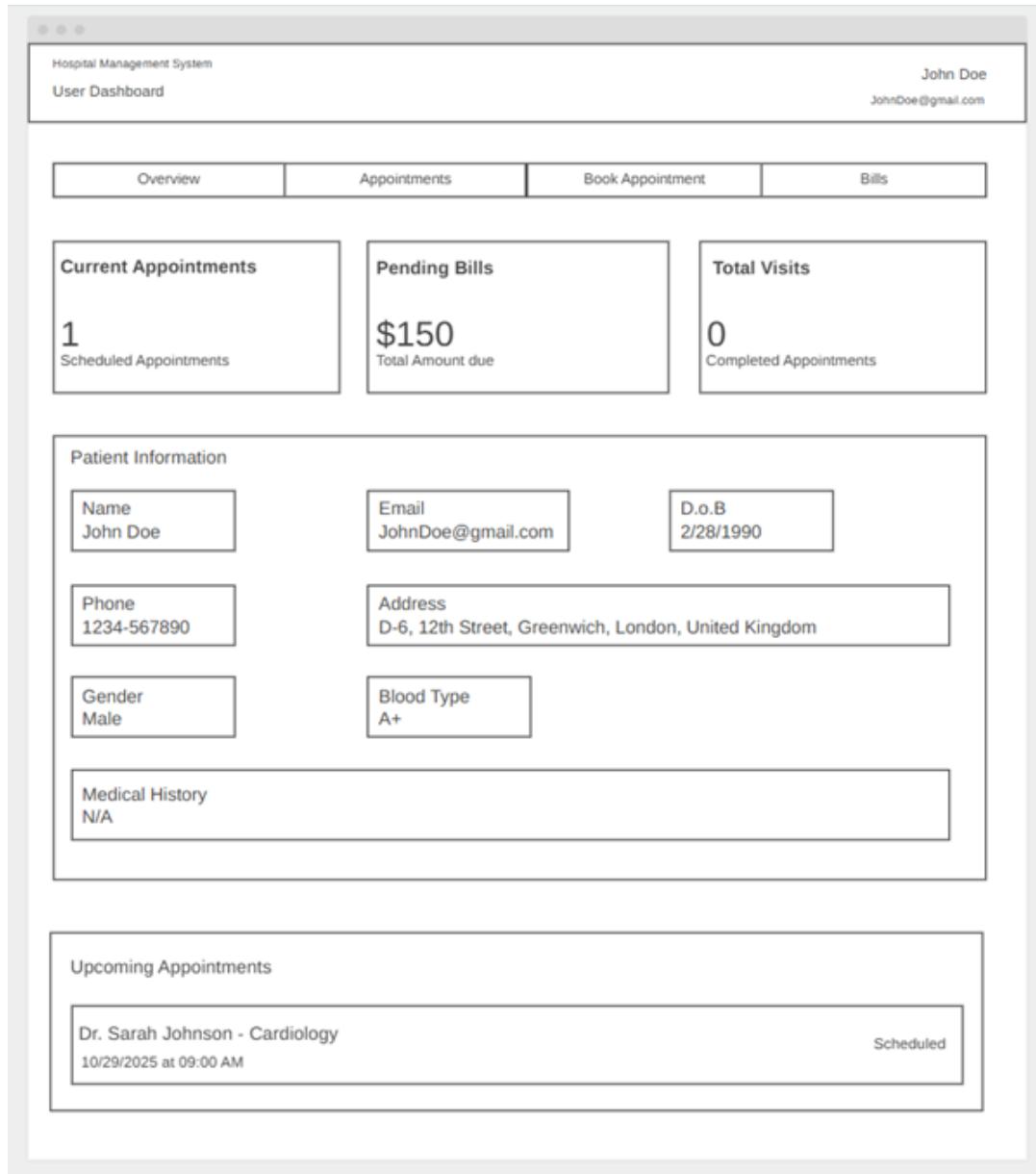


Figure 4: Patient Dashboard Overview - Main patient interface

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

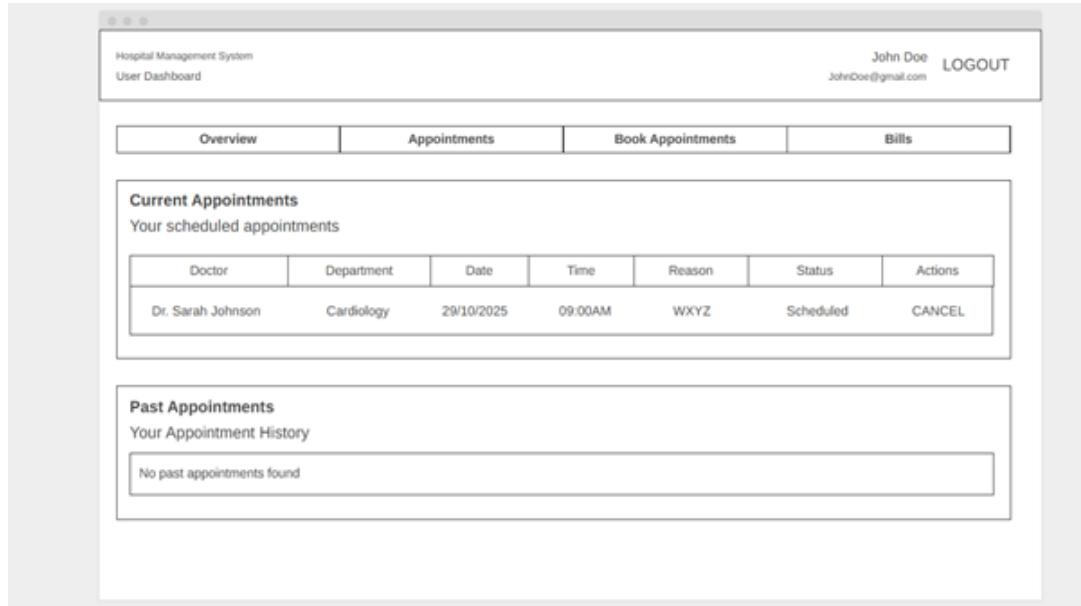


Figure 5: Appointments Section - Manage scheduled appointments

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 user dashboard for the Hospital Management System. At the top right, a user profile for "John Doe" (JohnDoe@gmail.com) includes a "LOGOUT" link. Below the header is a navigation bar with four tabs: "Overview", "Appointments", "Book Appointments" (which is currently selected), and "Bills". The main content area is titled "Book New Appointment" and has the sub-instruction "Schedule an appointment with a doctor". It contains four input fields: "Select Doctor" (dropdown menu "Choose a doctor"), "Select Time" (dropdown menu "Choose time slot"), "Select Date" (calendar placeholder "CALENDAR"), and "Reason for visit" (text area "Describe your symptoms or reason for visit"). A large black button at the bottom is 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

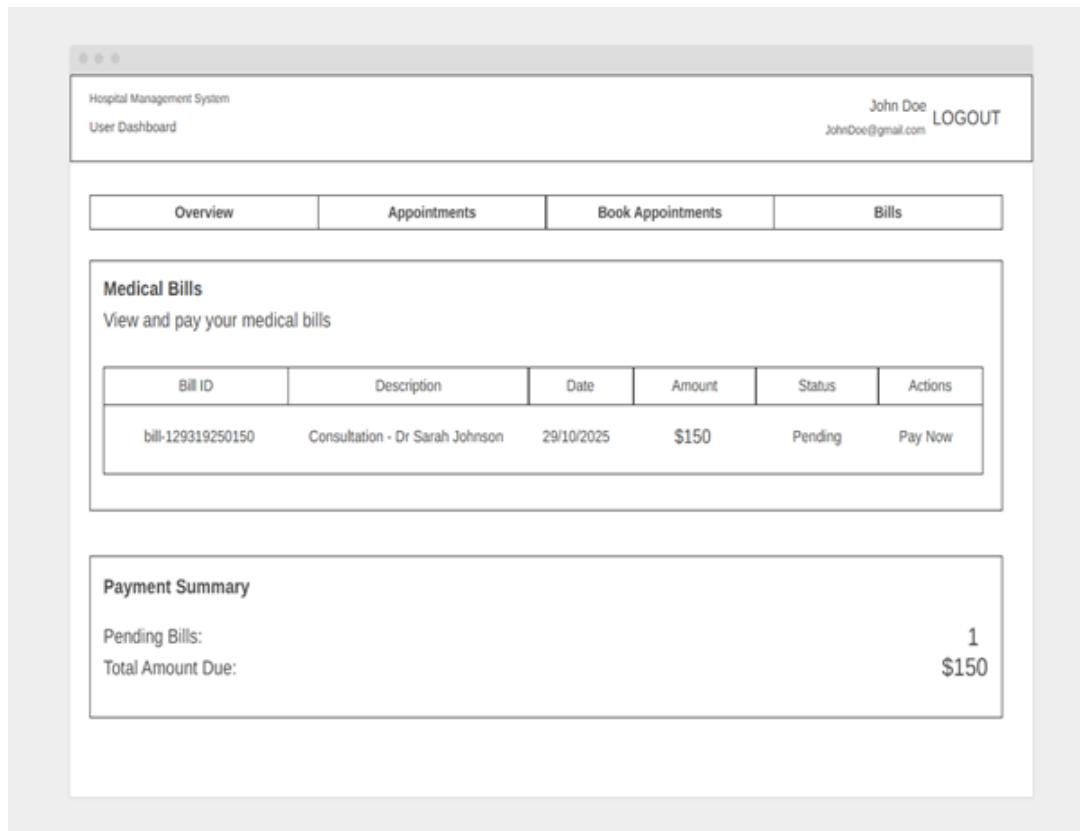


Figure 7: Bills Section - View and pay medical bills

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 'User Dashboard' section titled 'Complete Your Patient Information'. It includes fields for First Name (John), Last Name (Doe), Gender (Male/Female), Phone Number (1234-567890), Date of Birth (19/9/2025), Email (1234-567890), Blood Type (19/9/2025), Address (Sarah Smile, 123 Giggle Ave, Richmond, VA 22548, USA), Emergency Contact (Name and phone number), and Medical History (Optional) (Name and phone number). A note at the bottom states 'All information will be kept confidential and used only for medical purposes.' A 'Submit Information' button is at the bottom.

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

The wireframe illustrates the main interface of the Doctor Dashboard. At the top, a header bar displays "Doctor Dashboard" and "Welcome back, Dr. XYZ". To the right, it shows "Specialty: Cardiovascular Department" next to a user icon. Below the header, three summary boxes provide an overview of appointments:

- Upcoming appointments:** 2 (with a calendar icon)
- Completed Today:** 1 (with a checkmark icon)
- Total Completed:** 1 (with a checkmark icon)

Below these summary boxes are two buttons: "Upcoming (2)" and "Completed (1)".

The main content area displays three appointment cards, each containing patient information, visit details, and a "Mark as completed and create prescription" button.

- Patient 1 (Upcoming):** John Smith (40 years, Male, Patient ID: P114). Visit scheduled for Saturday, Oct 25 at 10:15 AM. Reason for visit: Regular Checkup.
- Patient 2 (Upcoming):** Dan Brown (65 years, Male, Patient ID: P201). Visit scheduled for Saturday, Oct 25 at 12:45 PM. Reason for visit: Chest pain.
- Patient 3 (Completed):** Dan Brown (40 years, Male, Patient ID: P201). Visit scheduled for Saturday, Oct 25 at 9:00 AM. Reason for visit: Chest pain. This card also includes a section indicating "Prescription Created" with "2 Medicine(s) Prescribed".

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

The wireframe illustrates the 'Create Prescription' interface. At the top, a header reads 'Create Prescription' with a sub-instruction: 'Complete appointment and create prescription for John Smith (P001)'. Below this, four input fields are arranged in a 2x2 grid: 'Patient Name' (John Smith), 'Patient ID' (P001), 'Age / Gender' (45 years / Male), and 'Reason' (Regular Checkup). The main section is titled 'Add Medicine' and contains four input fields: 'Medicine Name' (e.g. Aspirin), 'Dosage' (e.g. 100mg twice daily), 'Duration' (e.g. 7 days), and a large button labeled 'Add medicine to Prescription'. Below this is a section titled 'Prescription Notes' with a text area for 'Enter diagnosis, instructions and additional notes...'. At the bottom are two buttons: 'Cancel' and 'Complete Appointment & Save 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

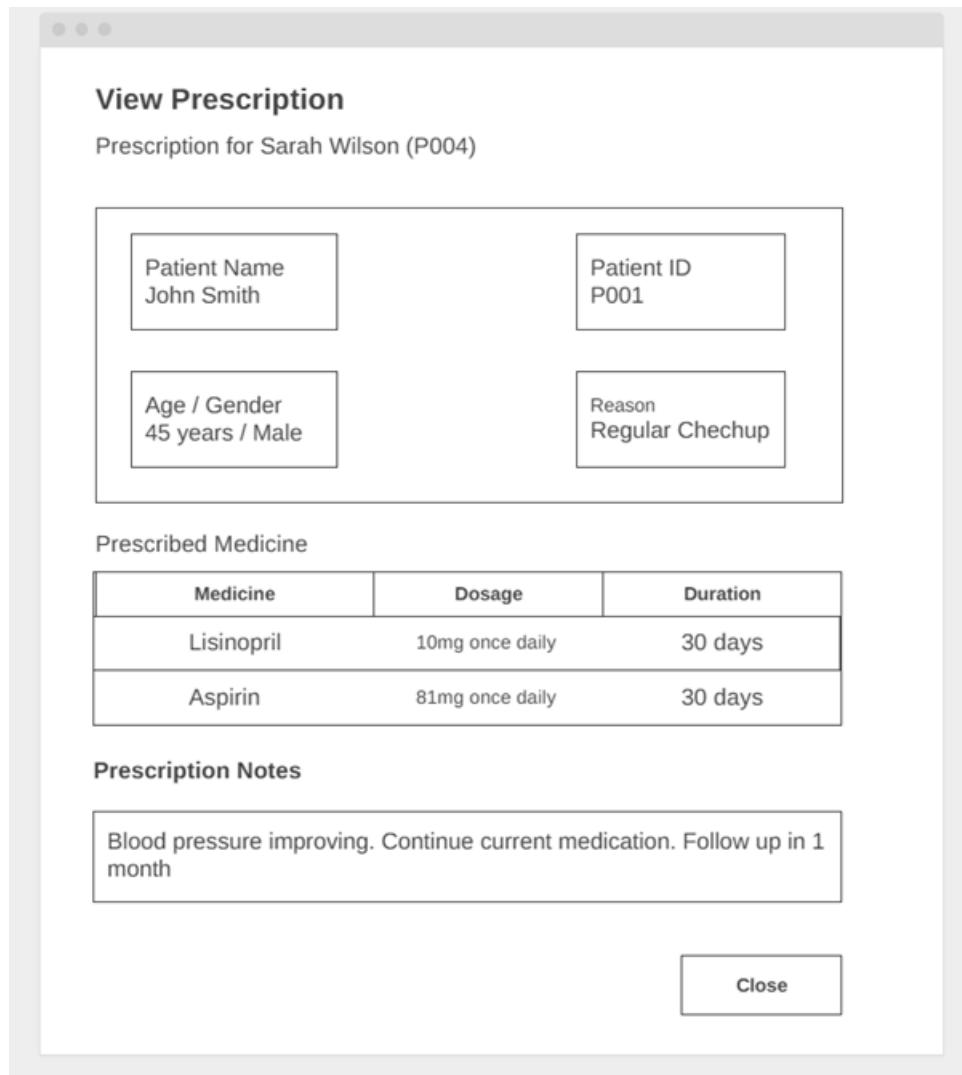


Figure 11: View Prescription - Review completed prescriptions

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

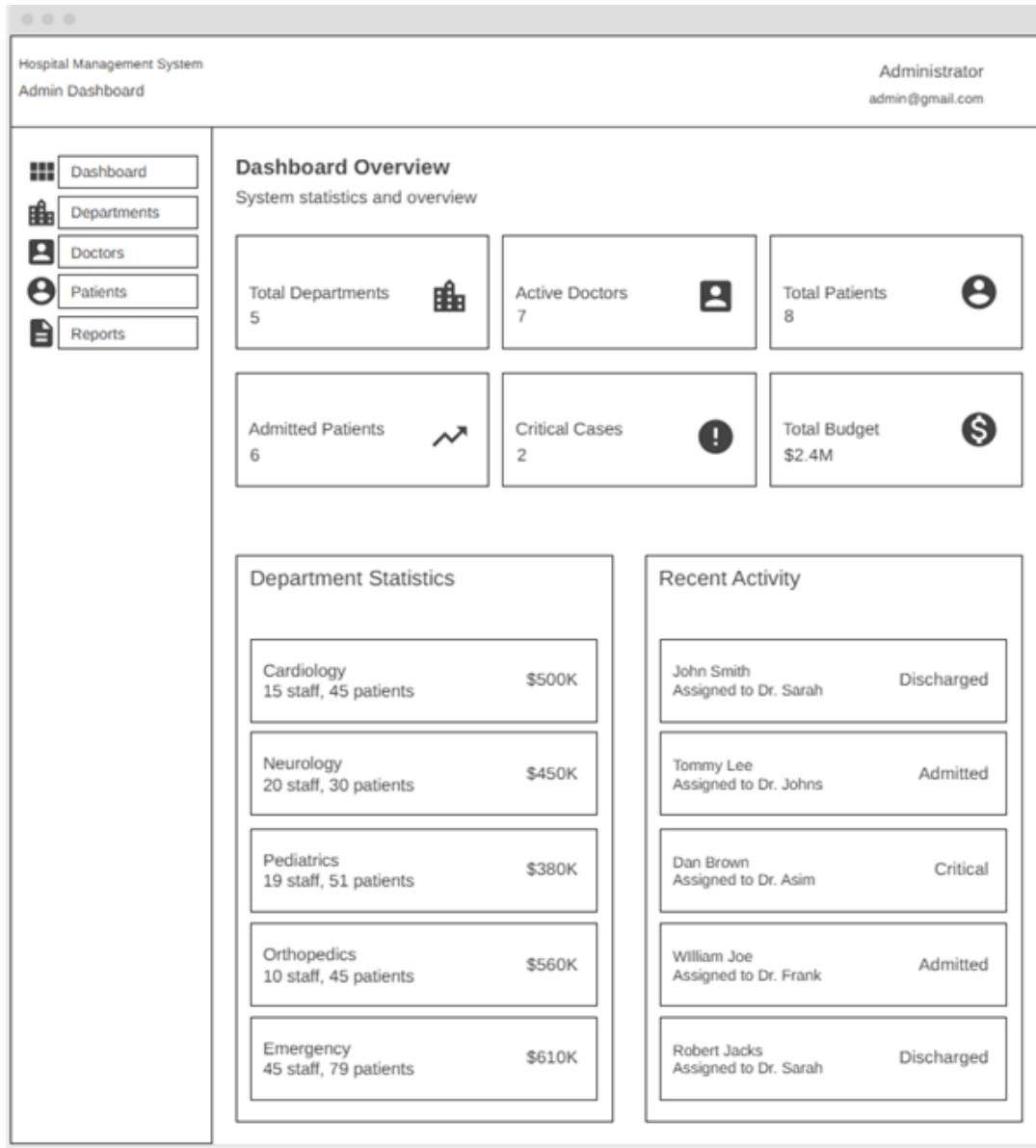


Figure 12: Admin Overview - System-wide statistics and monitoring

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

The wireframe shows the 'Department Management' section of the Admin Dashboard. At the top, there's a header with 'Hospital Management System' and 'Admin Dashboard' on the left, and 'Administrator' and 'admin@gmail.com' on the right. On the far left is a vertical sidebar with icons for Dashboard, Departments, Doctors, Patients, and Reports. The main area has a title 'Department Management' and a subtitle 'Manage hospital departments and their details.' Below this is a table with columns: Department Name, Head, Staff, Patients, Budget, Floor, and Actions. The table contains six rows for Cardiology, Orthopedics, Emergency, Pediatrics, Neurology, and ICU. Each row has edit and delete icons in the 'Actions' column. The table has a light gray background and white borders between rows.

Department Name	Head	Staff	Patients	Budget	Floor	Actions
Cardiology	Dr X	15	26	\$500,105	3	
Orthopedics	Dr X	13	23	\$500,105	2	
Emergency	Dr X	21	65	\$500,105	3	
Pediatrics	Dr X	24	36	\$500,105	4	
Neurology	Dr X	32	29	\$500,105	1	
ICU	Dr X	18	13	\$500,105	4	

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

Hospital Management System
Admin Dashboard

Administrator
admin@gmail.com

Doctor Management

Manage doctor and their department assignments..

Name	Specialization	Department	Status	Fee	Actions
Doctor W	Cardio	Cardiology	Active	\$45K	
Doctor X	Neurologist	Neurology	Active	\$90K	
Doctor Y	Emergency	Emergency	On leave	\$68K	
Doctor Z	Cardio	Cardiology	Active	\$79K	

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

The wireframe depicts the Admin Dashboard's Patients section. At the top, there's a header bar with the system name 'Hospital Management System' and 'Admin Dashboard' on the left, and user information ('Administrator' and 'admin@gmail.com') on the right. A sidebar on the left contains five navigation items: 'Dashboard' (selected), 'Departments', 'Doctors', 'Patients' (selected), and 'Reports'. The main content area is titled 'Patients Record' and includes a sub-instruction 'View all patient records and their status.' Below this is a search bar with a placeholder 'Search patients by name or condition...', and two dropdown menus labeled 'All depts' and 'All status'. A table follows, displaying patient data with columns: Name, Age, Gender, Department, Condition, Assigned Doctor, and Status. The table contains five rows of data.

Name	Age	Gender	Department	Condition	Assigned Doctor	Status
John Smith	45	M	Cardiology	Heart attack	Dr. Michael	Admitted
Frank Williams	16	M	Orthopedics	Broken Femur	Dr. James	Admitted
Joeseph	6	M	Emergency	Trauma	Dr. Emily	Discharged
Mary White	19	F	Pediatrics	Asthma	Dr. Lisa	Admitted
Sue Meh	24	F	Neurology	Migraine	Dr. Michael	Critical

Figure 15: Patients Management - Manage patient records

Description

Patient management interface:

- Patient list
- Billing information
- Emergency access controls

7 Wireframe Index

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