

The Vitals Crew

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CS 4347.005: Database Systems

April 13, 2025

Phase 3 Project Report

Task B:

Staff View:

Staff Dashboard

Current Patients

Name: John Doe | Insurance: ABC Health | Next Appt: None upcoming

[View/Edit Patient Details](#)

Name: Jane Smith | Insurance: XYZ Insurance | Next Appt: None upcoming

[View/Edit Patient Details](#)

Staff Calendar

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Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Clicking appointment prompts editing (authorized staff)

The Staff View provides healthcare personnel with a centralized interface for managing patient information and viewing schedules. The patient list offers an initial summary for everyone, including name, insurance, and the next upcoming appointment. Clicking on any patient expands their record, revealing a full set of attributes such as date of birth, emergency contact, address, and medical notes within a form structure.

Current Patients

Name: John Doe | Insurance: ABC Health | Next Appt: None upcoming

▼ View/Edit Patient Details

Patient Attributes

Full Name:

Johnathan Doe

Date of Birth:

03/15/1985

Phone:

555-123-4567

Emergency Contact:

555-111-2222

Insurance Provider:

ABC Health

Policy Number:

XYZ123456789

Address:

123 Main St, Anytown, USA

Medical Notes:

Patient has pollen allergy.

(Attribute editing enabled for authorized staff only)

Update Info

► View Patient Appointment History (List)

While all staff members can view these details, the ability to modify patient attributes is role-restricted; authorized users can enable editing via an "Update Info" button, which then allows changes to be saved. Furthermore, within each patient's expanded view, staff can access a collapsible list containing that specific patient's complete appointment history. Adjacent to the patient list, the unified staff calendar displays a monthly overview of scheduled appointments for all patients. Staff can navigate between months using provided controls, and the calendar visually distinguishes past, present, and future dates.

Patients View:

Welcome

Your Profile

Full Name:

Johnathan Doe

DOB:

03/15/1985

Gender:

Male

Phone Number:

555-432-6789

Emergency Contact:

123-456-7890

Address:

742 Evergreen Terrace, Springfield

Email:

john.doe@example.com

Medical History:

Hypertension; allergic to penicillin.

Billing Info:

Insurance: HealthFirst Platinum Plus

Update Info

Appointments

Next Appointment

Date: April 11, 2025

Time: 2:00 PM

Type: Blood Test

Status: Scheduled

[▶ Future Appointments](#)

[▶ Past Appointments](#)

Calendar View						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5 3:00 PM
6	7	8	9	10	11 2:00 PM	12
13	14	15 9:00 AM	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

The Patient View provides users with a personalized dashboard that displays essential personal and medical information alongside upcoming appointments. Patients can view details such as full name, date of birth, gender, phone number, emergency contact, and more — all formatted in a

clean, readable form. Fields remain locked for editing until the user clicks the “Update Info” button, promoting both security and clarity.

On the right-hand side, the dashboard highlights the next upcoming appointment, followed by expandable sections for both future and past appointments. Below this, an interactive calendar visually represents key appointment dates: **blue** for past, **yellow** for today's, and **pink** for upcoming ones. Each highlighted date includes the appointment time for quick reference, giving patients an easy way to stay on top of their care schedule.