

Main Project

Case study

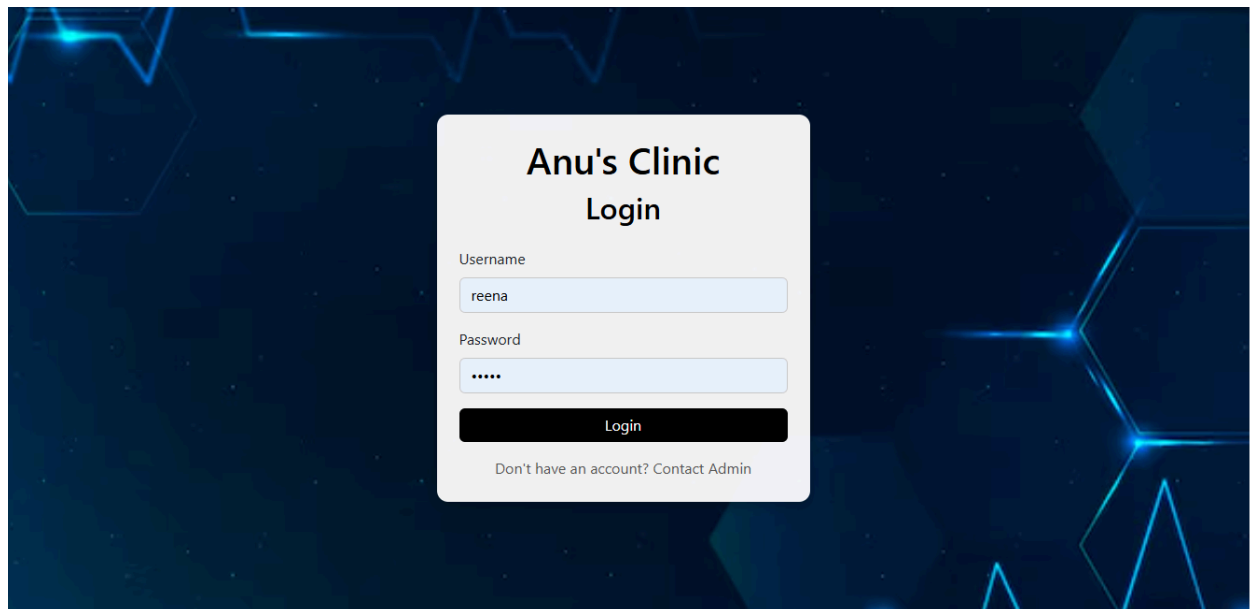
The Clinic Management System is designed to digitalize clinic operations by managing patients, doctors, appointments, and medical records efficiently.

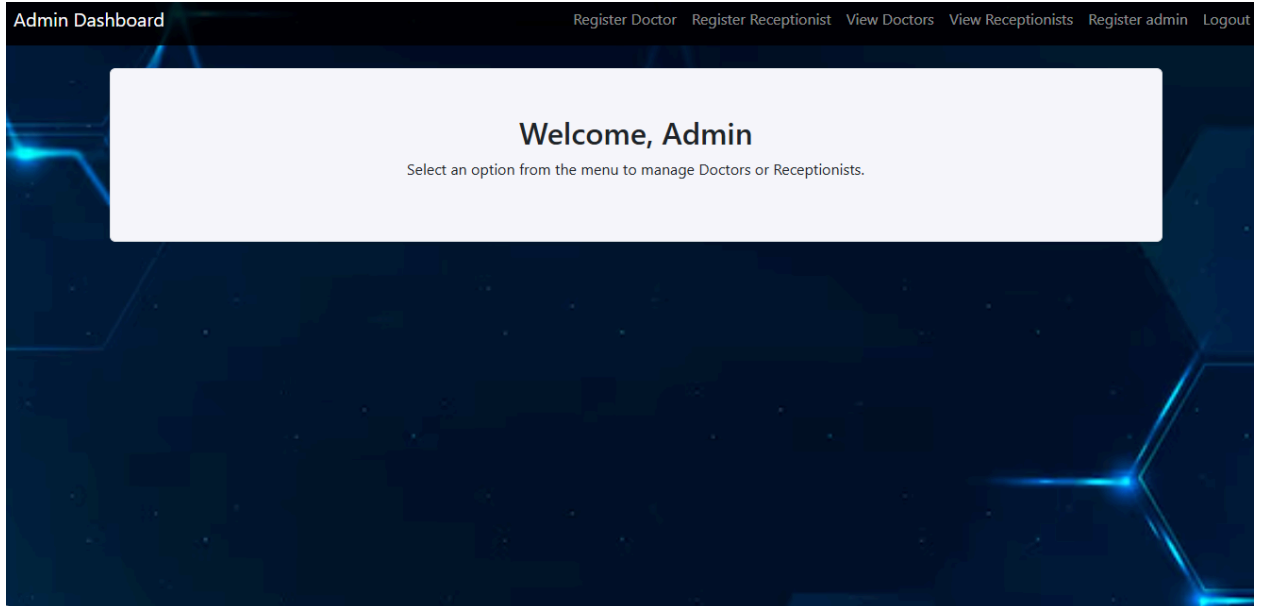
It provides a centralized database for storing patient and doctor details, preventing double bookings, and maintaining accurate histories.

Doctors can set availability, view appointments, and access patient records, while patients can book and manage appointments online.

The system improves efficiency, accuracy, and patient care by automating manual processes.

It also generates reports and analytics to assist in better decision-making for clinic management.





The image shows the 'Register Doctor' form within the 'Admin Dashboard'. The navigation bar at the top is identical to the previous screen. The main content area features a dark blue background with a subtle geometric pattern. The form is a light gray rectangle with a white border. It contains the following fields: 'Username' (text input with 'abi'), 'Password' (password input with '***'), 'Doctor Name' (text input with 'abi'), 'Age' (text input with '20'), 'Specialization' (text input with 'ortho'), 'Email' (text input with 'abi@gmail.com'), 'Phone' (text input with '1234567890'), and 'Consultant Fee' (text input with '900'). A blue button labeled 'Register Doctor' is positioned at the bottom right of the form.

Admin DashboardRegister DoctorRegister ReceptionistView DoctorsView ReceptionistsRegister adminLogout

Register Receptionist

Username

abi

Password

Receptionist Name

abi

Email

abi@gmail.com

Phone

12345678

Register Receptionist

Admin DashboardRegister DoctorRegister ReceptionistView DoctorsView ReceptionistsRegister adminLogout

Registered Doctors

Name	Specialization	Age	Email	Phone	Actions
anu	surgery	20	anu@gmail.com	7010239070	<div>EditDelete</div>
raja	neuro	30	raja@gmail.com	2345678900	<div>EditDelete</div>
Geetha	ortho	30	geetha@gmail.com	6385344580	<div>EditDelete</div>

Admin DashboardRegister DoctorRegister ReceptionistView DoctorsView ReceptionistsRegister adminLogout

Edit Doctor

Name

anu

Specialization

surgery

Age

20

Email

anu@gmail.com

Phone

7010239070

Consultant Fee

300

Update Doctor

Registered Receptionists

ID	Name	Phone	Email	Actions
16	vani	1234567890	asdfghj@cvb.nb	Edit Delete
17	vani	1234567890	asdfghj@cvb.nb	Edit Delete
19	swathi	1234567890	asdfghj@cvb.nb	Edit Delete
21	aruna	1234567890	aruna@gmail.com	Edit Delete
22	dharu	7010239070	dharu@gmail.com	Edit Delete

Edit Receptionist

Username

reena

Password

.....

Receptionist Name

vani

Email

asdfghj@cvb.nb

Phone Number

1234567890

Update Receptionist

User Registration

Username

reena

Password

.....

Email

Enter email

Phone Number

Enter phone number

Role

Select Role

Register

Clinic Management - Doctor Dashboard

Mark AvailabilityView Patient RecordsLogout

Welcome Dr. anu

Specialist in surgery

Manage Availability

September 2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	Available	Available	Available	Available	Available
Available	Available	Available	Available	Available	Available	Available
Available	Available	17	18	19	20	21
22	23	24	25	26	27	28
29	30					



Back to Calendar

2025-09-10

09:00 - 10:00

Wednesday

Add Slot

10:00 - 11:00

Wednesday

Add Slot

11:00 - 12:00

Wednesday

Add Slot

12:00 - 13:00

Wednesday

Add Slot

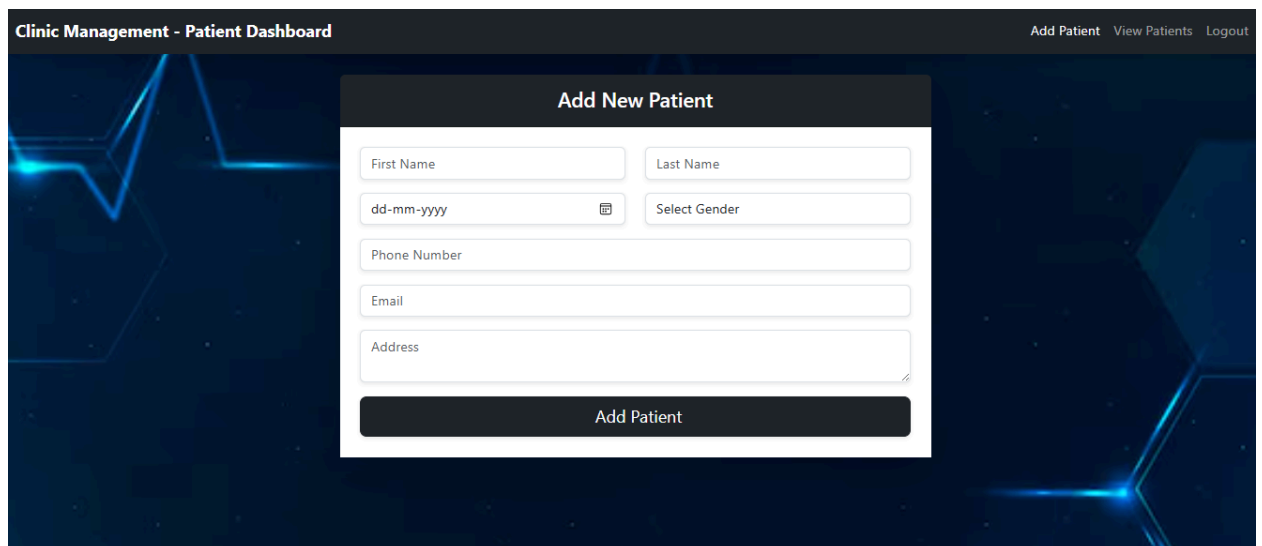
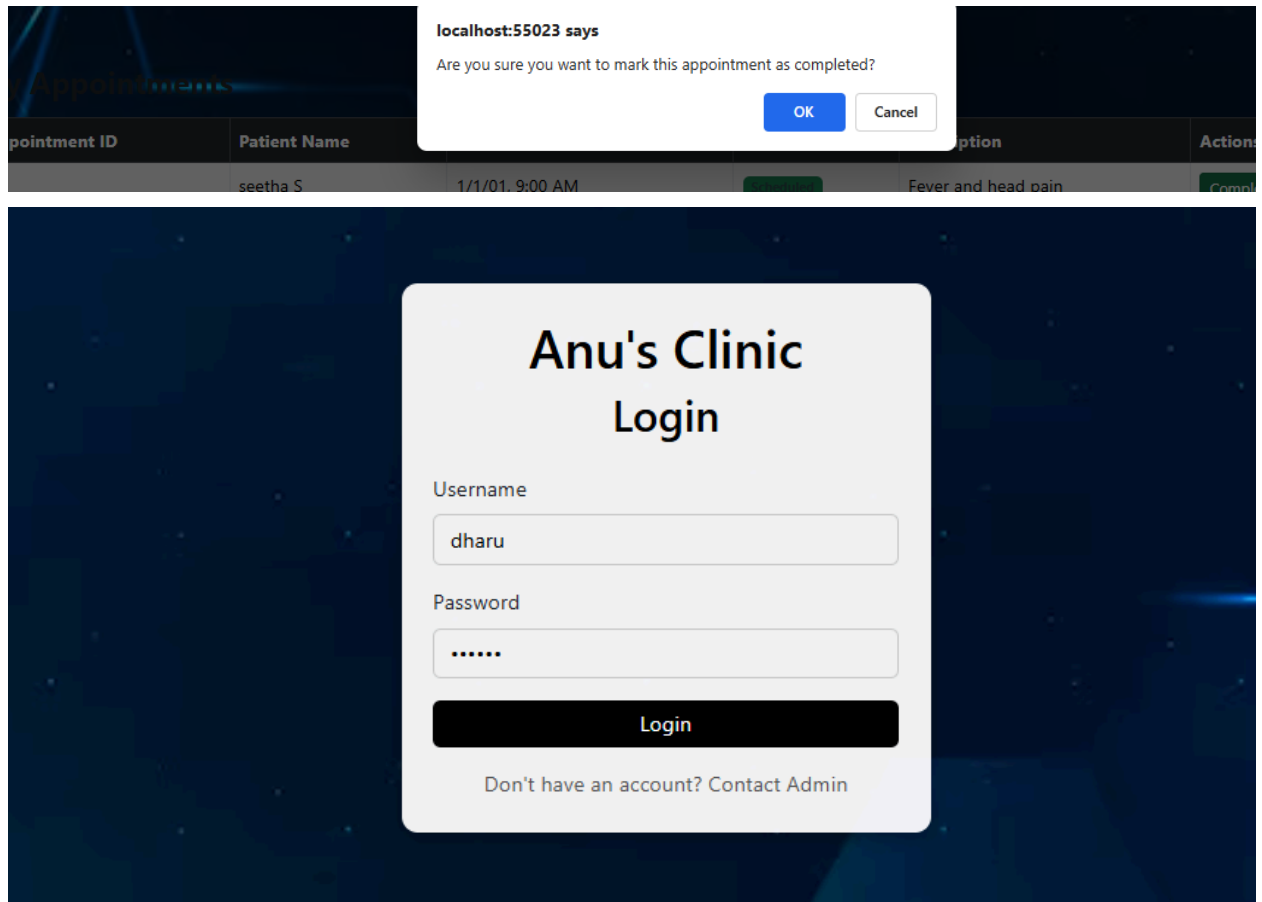
13:00 - 14:00

Wednesday

Add Slot

My Appointments

Appointment ID	Patient Name	Appointment Date	Status	Description	Actions
1	seetha S	1/1/01, 9:00 AM	Scheduled	Fever and head pain	Completed
2	seetha S	9/6/25, 1:00 PM	Scheduled	Fever and head pain	Completed
3	mani S	9/7/25, 9:00 AM	Scheduled	leg pain	Completed
5	seetha S	9/8/25, 2:00 PM	Scheduled	fever	Completed
6	seetha S	9/9/25, 2:00 PM	Scheduled	fever	Completed
7	seetha S	9/10/25, 4:00 PM	Scheduled	leg pain	Completed
13	seetha S	9/3/25, 10:00 AM	Scheduled	cvvc	Completed
14	seetha S	9/3/25, 1:21 PM	Scheduled	nbn	Completed
15	mani S	9/4/25, 12:00 PM	Scheduled	asdfggfd	Completed



Patients List				
Patient ID	Name	DOB	Gender	Action
1	seetha S	06/09/2005	female	Book Appointment
2	mani S	06/09/2005	Male	Book Appointment
3	manu S	06/09/2005	Male	Book Appointment

Select Doctor

Dr. anu ()

Available Slots

03/09/2025 - 13:21 to 15:23 Booked

03/09/2025 - 10:00 to 11:00 Booked

04/09/2025 - 12:31 to 14:33

04/09/2025 - 12:00 to 13:00 Booked

05/09/2025 - 10:00 to 11:00

06/09/2025 - 13:00 to 14:00 Booked

07/09/2025 - 11:00 to 12:00

07/09/2025 - 09:00 to 13:00 Booked

08/09/2025 - 14:00 to 15:00 Booked

08/09/2025 - 09:30 to 10:30

09/09/2025 - 14:00 to 15:00 Booked

09/09/2025 - 10:00 to 11:00

Reason for Visit

Confirm Appointment