

CSE 6324-001 : Advanced Topics in Software Engineering

Health Consultancy



Team-3 Members

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Project Description

Project Title: Health Consultancy

Project Summary:

The Health Consultancy platform aims to develop a web-based platform that allows users to manage and schedule appointments with healthcare services online. The platform is designed to be user-friendly with features that enable users to book appointments with desired doctor and view the prescription given by doctor and pay the bills.

Features Offered

Health Consultancy offers some of the following features.

- **User registration and login:** Users can easily create an account and log in to the app using their credentials.
- **Appointment booking:** Users can book appointments for health services seamlessly with just a few clicks.
- **User-friendly interface:** The Website has a simple, user-friendly interface that makes it easy for users to navigate and manage their healthcare needs.
- **View appointments:** Users can view all their scheduled appointments in one place to stay up-to-date on their healthcare needs.
- **Seamless appointment management:** The Health Consultancy Website aims to help users effortlessly schedule and manage their appointments, reducing the time and hassle associated with traditional appointment booking methods.

Main Objectives

- The main objective is to reduce the risk of exposure.
- To provide a user-friendly platform that seamlessly helps users to schedule and manage their healthcare appointments.
- To promote efficient healthcare management.
- Increased access to healthcare services


User Manual

Our Website included 8 separate screens which included the following screens:

- A colorful entry screen that also included Login and Authentication
- A timeslot create/update/delete screen for doctor's availability
- An Appointment management screen (setup new, change existing, cancel) for patients
- A Screen to view past/future appointments
- Medicine prescription screen
- Bill generation
- Bill payment and Doctor rating screen
- User profile page

Registration and Login Pages

Health Consultancy



USER LOGIN NOW

Email

Password


Doctor

Login Now

Don't have an account? [Register now](#)

Forgot password? [Reset password now](#)

Consultancy



USER REGISTER NOW

Name

Email

Phone Number

Age

Password

Confirm Password

Doctor

Register Now

Already have an account? [Login now](#)

Forgot Password page

Health Consultancy Logout

Forgot Password

Enter your email:

Profile Page

Health Consultancy

Logout


My Appointments

Book Appointment

Update Appointment

Profile

Feedback



Haswanth Rajesh Neelam

Edit

User Information

Email	haswanthrajesh@gmail.com	Phone	9452411532
Age	24	No Of Appointments	3

Edit Profile

Name:

Haswanth Rajesh Neelam

Email:

haswanthrajesh@gmail.com

Phone:

9452411532

Age:

24

Update

Close

User Information

Email	haswanthrajesh@gmail.com	Phone	9452411532
Age	24	No Of Appointments	3

Book Appointment Page

Health Consultancy

Logout

Book Appointment

View Appointment

Log Out

Book Appointment

SEARCH FOR DOCTORS

Select a Speciality

select

Choose a date

mm/dd/yyyy

Search

Health Consultancy

Logout

Book Appointment

Log Out

Book Appointment

	Doctor Name	Slot start time	Slot end time
<input type="radio"/>	Dr.TestDoc	2024-04-26 09:17:00	2024-04-26 10:17:00
<input type="radio"/>	Dr.TestDoc	2024-04-26 10:17:30	2024-04-26 11:17:00
<input type="radio"/>	Dr.TestDoc	2024-04-26 11:17:00	2024-04-26 12:17:00

Book Appointment

Future Appointments Page

Health Consultancy

Logout

Book Appointment

View Appointment

Submit Review

Edit Profile

Log Out

Future Appointment

Search for appointments...

Appointment ID	Date	Doctor Name
18	2024-04-01	TestDoc
19	2024-04-17	TestDoc
22	2024-04-05	Dr.John
23	2024-04-10	Dr.John
24	2024-04-17	TestDoc

Health Consultancy

Logout

Book Appointment

View Appointment

Submit Review

Edit Profile

Log Out

Appointment Information

Appointment ID: 19
Date: 2024-04-17
Doctor Name: TestDoc
Start Time: 10:00:00
End Time: 11:00:00
Symptoms: BackPain

Cancel Appointment

Past Appointment Pages

Health Consultancy

Logout

Future Appointments

Past Appointments

Log Out

Filter

Appointment ID	Patient Name	Date	Doctor Name	Doctor Type	Diagnosis	Symptoms	Prescription
14	Haswarth Rajesh Neelem	2023-10-09	Rajesh	general	Trouble Breathing	Cold/symptoms	Tablet1, Tablet2
15	Haswarth Rajesh Neelem	2023-11-09	Haswarth	Orthopedic	Scarring of Skin	acne	Ointment1, tablet3
16	Haswarth Rajesh Neelem	2023-12-09	Rajesh	general	Cough	Cold/symptoms	Tablet2, Tonic1
18	Haswarth Rajesh Neelem	2024-01-09	Rajesh	general	Fever	Cold/symptoms	Tablet1
19	Haswarth Rajesh Neelem	2024-02-09	Haswarth	Orthopedic	Spine Tumor	Back Pain	Tablet4, Tablet5
20	Arvind Thangaraj	2024-03-09	Rajesh	General	Lower Back Pain	Back Pain	Tablet3, Ointment2

Health Consultancy

Logout

Future Appointments

Past Appointments

Log Out

Filter

mm/dd/yyyy

Doctor Name

Search

Appointment ID	Patient Name	Date	Doctor Name	Doctor Type	Diagnosis	Symptoms	Prescription
20	Arvind Thangaraj	2024-03-09	Rajesh	General	Lower Back Pain	Back Pain	Tablet3, Ointment2

Cancel Appointment Page

Health Consultancy Logout

Create Time Slot

Book appointment

Cancel Appointments

Log Out

Cancel Appointment

Appointment ID	Doctor Name	Date
<input type="checkbox"/> 24	TestIDoc	2024-04-17

Reason for cancellation:

Cancel

Doctor Prescription Page

Health Consultancy

Logout

All Appointments

Create Time Slot

Cancel Time Slot

Prescription

Future Appointments

Profile

Log Out

All Appointments

Search for appointments...

Appointment ID	Date	Patient Name
16	2023-12-09	Haswanth Rajesh Neelam
18	2024-01-09	Haswanth Rajesh Neelam
20	2024-03-09	Anvird Thangaraj
21	2024-04-03	Anvird Thangaraj
22	2024-04-01	Anvird Thangaraj

Health Consultancy

Logout

All Appointments

Create Time Slot

Cancel Time Slot

Prescription

Future Appointments

Log Out

Appointment Results

Appointment ID: 16

Medicine Name	Amount	Description	Morning	Afternoon	Night	Action
<input type="text"/>	<input type="text" value="1"/>	<input type="text"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<div>Delete</div>
			▲ ▼	▲ ▼	▲ ▼	

Add Row

Save

Patient View Prescription Page

Health Consultancy

Logout

Future Appointments

Past Appointments

Log Out

Filter

mm/dd/yyyy

Doctor Name

Search

Appointment ID	Patient Name	Date	Doctor Name	Doctor Type	Diagnosis	Symptoms	Prescription
20	Arvind Thangaraj	2024-03-09	Rajesh	General	Lower Back Pain	Back Pain	Tablet3, Ointment2

Health Consultancy

Logout

Future Appointments

Past Appointments

Log Out

Filter

Appointment ID	Patient Name	Date	Doctor Name	Doctor Type	Diagnosis	Symptoms	Prescription
14	Harwarth Rajesh Neelam	2023-10-09	Rajesh	general	Trouble Breathing	ColdSymptoms	Tablet1, Tablet2
15	Harwarth Rajesh Neelam	2023-11-09	Harwarth	Orthopedic	Scarring of Skin	acne	Ointment1, Tablet3
16	Harwarth Rajesh Neelam	2023-12-09	Rajesh	general	Cough	ColdSymptoms	Tablet2, Tonic1
18	Harwarth Rajesh Neelam	2024-01-09	Rajesh	general	Fever	ColdSymptoms	Tablet1
19	Harwarth Rajesh Neelam	2024-02-09	Harwarth	Orthopedic	Spine Tumor	BackPain	Tablet4, Tablet5
20	Arvind Thangaraj	2024-03-09	Rajesh	General	Lower Back Pain	Back Pain	Tablet3, Ointment2

Bill Generation Pages

Health Consultancy

Logout

Create Time Slot

Cancel Time Slot

View Booked Appointments

Generate Bill

Log Out

Past Appointments

Select	Appointment ID	Patient Name	Doctor Name	Date
<input type="radio"/>	14	Arvind Thangaraj	TestDoc	2024-03-22
<input checked="" type="radio"/>	15	Arvind Thangaraj	TestDoc	2024-03-08
<input type="radio"/>	16	Arvind Thangaraj	TestDoc	2024-03-23
<input checked="" type="radio"/>	18	Arvind Thangaraj	TestDoc	2024-04-01
<input type="radio"/>	19	Arvind Thangaraj	TestDoc	2024-04-17
<input checked="" type="radio"/>	22	Arvind Thangaraj	Dr.John	2024-04-05
<input type="radio"/>	23	Arvind Thangaraj	Dr.John	2024-04-10
<input checked="" type="radio"/>	24	Arvind Thangaraj	TestDoc	2024-04-17

Generate Bill

Health Consultancy

Logout

Create Time Slot

Cancel Time Slot

View Booked Appointments

Generate Bill

Log Out

Medical Bill Generation

Service	Quantity	Total	Remove
Consultancy fee	1	\$50.00	X
Medication	2	\$20.00	X
Routine X-ray	1	\$200.00	X

Grand Total: \$270.00

Add Entry

Generate Bill

Review Pages

Health Consultancy

Logout

Book Appointment

View Appointment

Submit Review

Edit Profile

Log Out

Past Appointment

Search for appointments...

Appointment ID	Date	Doctor Name
14	2024-03-22	TestDoc
15	2024-03-08	TestDoc
16	2024-03-23	TestDoc
18	2024-04-01	TestDoc
19	2024-04-17	TestDoc
22	2024-04-05	Dr.John
23	2024-04-10	Dr.John
24	2024-04-17	TestDoc

Health Consultancy

Logout

Book Appointment

View Appointment

Submit Review

Log Out

Submit your rating

Appointment ID: 14
Date: 2024-03-22
Doctor Name: TestDoc
Start Time: 11:00:00
End Time: 12:00:00

Doctor satisfaction:
★★★★★

Webapp usability:
★★★★★

Treatment satisfaction:
★★★★★

Your Review:

Submit Review

Future Support

- Health monitoring devices integration
- Descriptive analytics dashboard
- Chatbot integration
- Data privacy enhancement
- Iterative feedback for improvement
- Automated health alerts

Team Photo



Thank You