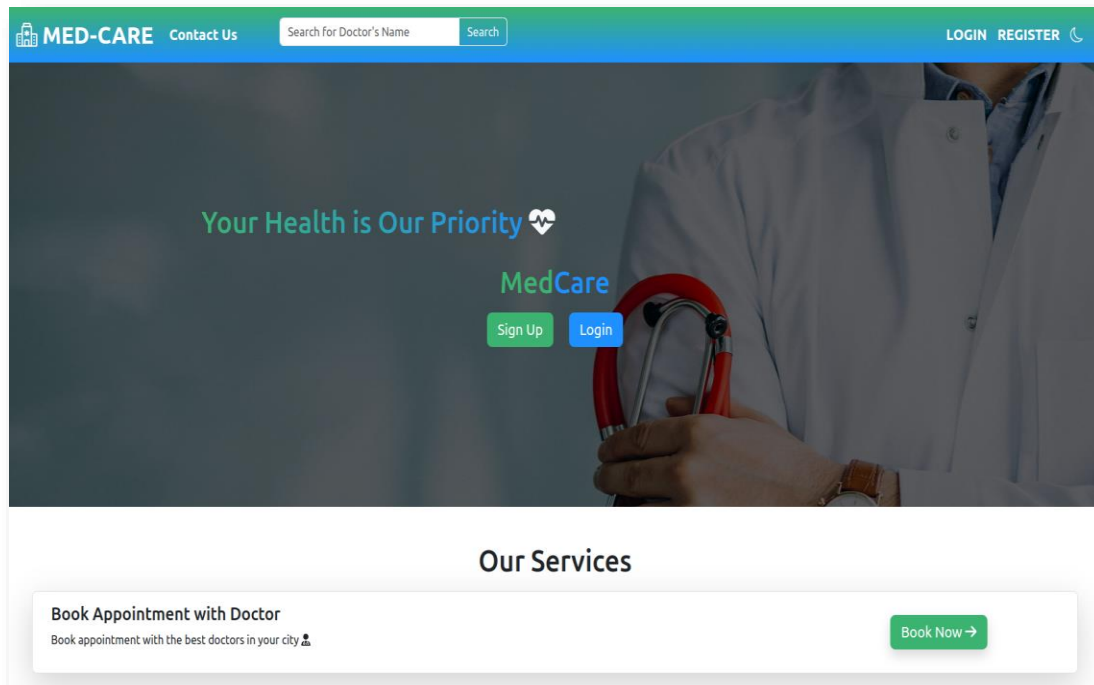


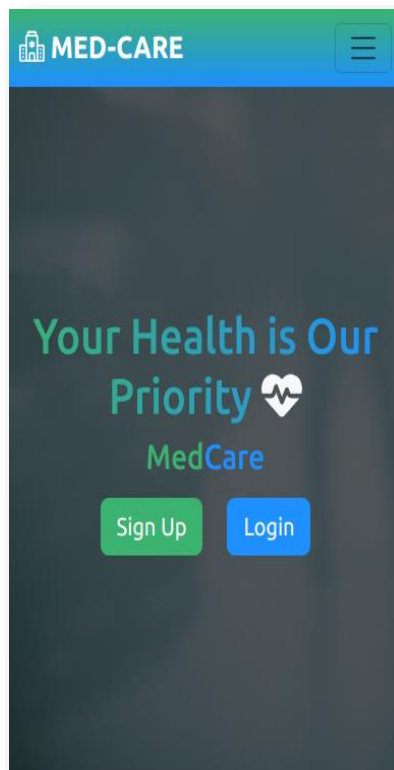


Med Care
Doctor Booking Platform
For Your Health Needs

Our Website Is Responsive



..



PREPARED FOR

Information Technology Institute

PREPARED BY

1. **Mohamed Ahmed Mohamed**
2. **Youssef Mohamed**
3. **Tarek Ashry Abdel hamid**
4. **Israa Lotfy Ragab**
5. **Hagar Serag Mohamed**
6. **Mahmoud Mohamed Mahmoud**

1. Problem:

In the current healthcare landscape, booking appointments with doctors can often be a cumbersome and time-consuming process for patients. Long waiting times, difficulty in finding available slots, and the lack of convenient communication channels contribute to patient dissatisfaction and inefficiencies in clinic operations there's a growing need for a website the appointment booking process.

2. Solution

A comprehensive website designed to simplify the process of booking appointments with doctors. This user-friendly website aims to bridge the gap between patients and doctors, providing a seamless experience for scheduling medical consultations and managing appointments efficiently.

3. Technical Obstacles

- Remote work
- Multi user authentication system
- Handle Payment gateways

4. Industry and Market Risks

Industry and Market Risks	Strengths	Weaknesses
Increasing Competition	Established Brand Recognition	Limited Differentiation from Competitors
Technological Disruption	Advanced Technology Infrastructure	Dependency on Third-Party Technology Providers
Economic Downturn	Diverse Revenue Streams	Decreased Consumer Spending
Regulatory Changes	Compliance with Regulations	Increased Compliance Costs
Cybersecurity Threats	Robust Security Measures	Potential Data Breaches
Shifting Consumer Trends	Agile Adaptation to Market Changes	Inability to Anticipate or Respond to Trends Swiftly

5. Budgetary Risks

Deployment expenses

6. Software

→ Backend :- ✓ Python -> Django framework <ul style="list-style-type: none">• Rapid Development• High-Level Language• Scalability• Batteries-Included• Security• Community and Ecosystem• Versatility• Admin Interface• Extensibility → Database:- ✓ PostgreSQL	→ Frontend:- ✓ HTML5 ✓ CSS3 ✓ JavaScript ✓ Bootstrap ✓ React js
---	---

7. Milestones and Reporting

Milestone	Tasks
1. Project Setup	
	- Set up a new Django project using `django-admin startproject`.
	- create a new React.js project using `create-react-app`.
3. Backend Development	
	- Define Django models for doctors, appointments, patients, etc.
	- Set up Django REST Framework for creating APIs to handle CRUD operations for models
	- Implement authentication and authorization mechanisms using Django Rest Framework JWT.
	- Configure Django settings, database, and other necessary configurations.
3. Frontend Development	
	- Design the UI/UX for the website using React.js components
	- Implement React.js components for different features such as appointment booking forms, doctor profiles, appointment lists, etc.
	- Use React Router for handling navigation between different pages of the application.
	- Manage state using React.js state and context API or Redux for complex state management.
4. Integration	
	- Connect the frontend and backend by making API requests from React.js components to Django REST Framework endpoints.
	- Implement authentication flow in the frontend to allow users to log in, sign up, and authenticate requests to protected endpoints.
	- Handle error responses and validation messages returned from the backend API.

8. GitHub

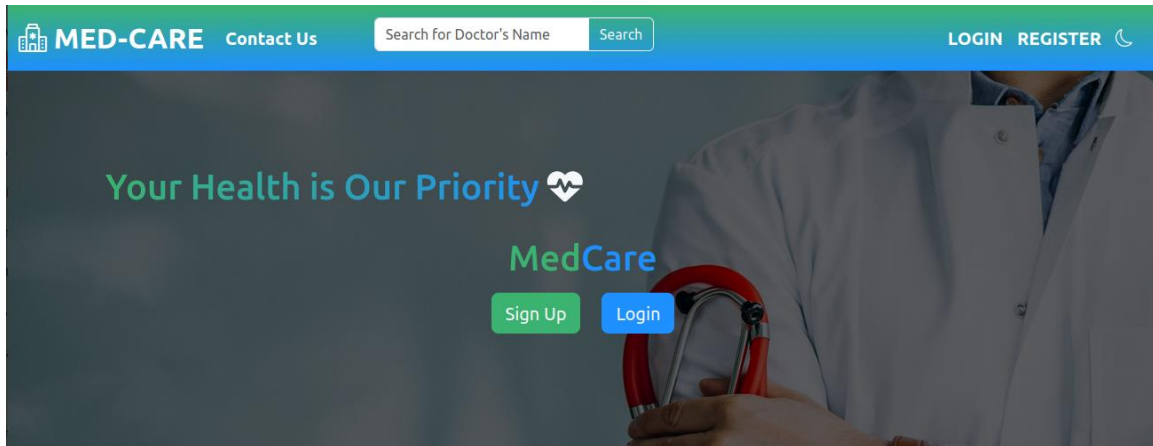
https://github.com/Ashryz/Med_Care

<https://github.com/MohamedAbdElgni/Med-Care-API>

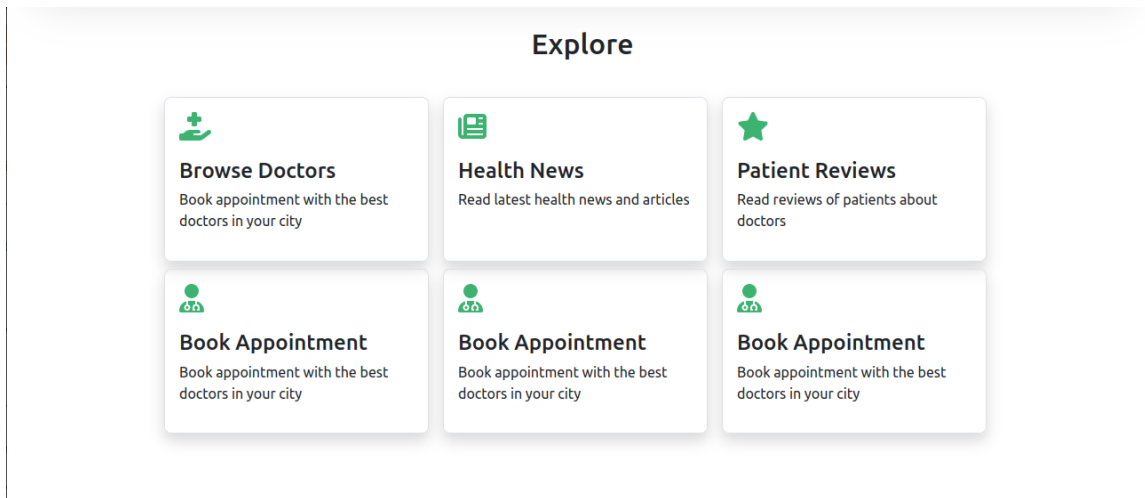
9. How it Work

- User (Guest)


Home Section





Explore Section



Contact us Section

 **MED-CARE**

Contact Us

 amira 

Contact Us


We will be happy to receive your inquiries and suggestions.




Full Name

Email Address

Your Message

Footer Section

 **MED-CARE**

About Us

Contact Us

Sign In


Need Help ?


Medical Library


Terms of Use

Privacy Policy

Contacts

 Cairo, C 12311, EGYPT


 customercare@medcare.com

 +201099959294


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○ User (Doctor)

Register Section

 **MED-CARE**

Contact Us



Registration

Patient

Doctor

×

Doctor Sign Up

First Name

Last Name

Email

❗

Email is not valid

Phone

Password

❗

Password should contain at least one digit, one lower case, one upper case and at least 6 characters long

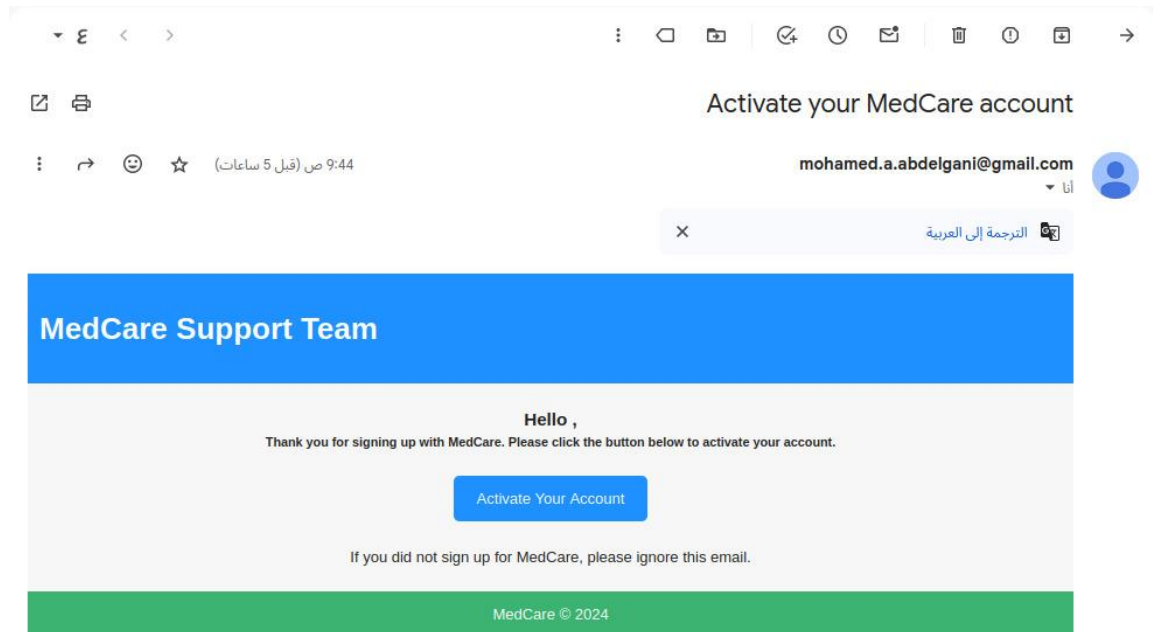
Confirm Password

Age

Gender

Sign Up

Activation Email Before Login



Login Section

Login

Email *

email@example.com

Password *

Password

LOGIN


☐ Remember Me

[Forgot Your Password?](#)

or



New User [SignUp](#)

Add Schedule

 MED-CARE

Contact Us

Search for Doctor's Name

 hagar 

Dashboard

Appointments

Add Schedule

View Schedule

Rating

+ Add Offer

View Offers

Add Schedule


Day

Start Time

End Time



Active Now ☒

View Appointments Section

 MED-CARE

Contact Us

Search for Doctor's Name

 hagar 

Dashboard

Appointments

Add Schedule

View Schedule

Rating

+ Add Offer

View Offers

View Appointments

Total Appointments 1

Amira Serag

ID: 1

Phone: 01123280885

Name: Amira Serag

Date: 2024-03-26

Schedule:

Time: 07:46

Status: Pending

Payment: Pending

Day:


«

«

»



»

View Schedule Section

 MED-CARE

Contact Us

Search for Doctor's Name

 hagar [LOGOUT](#) 

Dashboard

Appointments

Add Schedule

View Schedule

Rating

+ Add Offer

View Offers

Saturday


Start 03:03:00

Time :

End 12:30:00

Time :

Status : Active



Monday


Start 10:30:00

Time :


End 12:30:00

Time :

Status : Active





Add Offer Section

 MED-CARE

Contact Us

Search for Doctor's Name

 hagar [LOGOUT](#) 

Dashboard

Appointments

Add Schedule

View Schedule

Rating

+ Add Offer

View Offers

Add Offer

Specialization



Select Specialization 


Image File

Browse... No file selected.

Original Price

Enter original price 

Discount Price

Enter discount price 

View Offer Section

Dashboard

Appointments

Add Schedule


View Schedule

Rating

Add Offer


View Offers

95% Off



ChestRespiratory

500.00 EGP 25.00 EGP



Your Offers (1)

View Rating Section

Dashboard

Appointments

Add Schedule

View Schedule

Rating

Add Offer

View Offers


☆

Patients Feedback

Wonderful doctor

★★★★☆


Last update: 2024-03-26



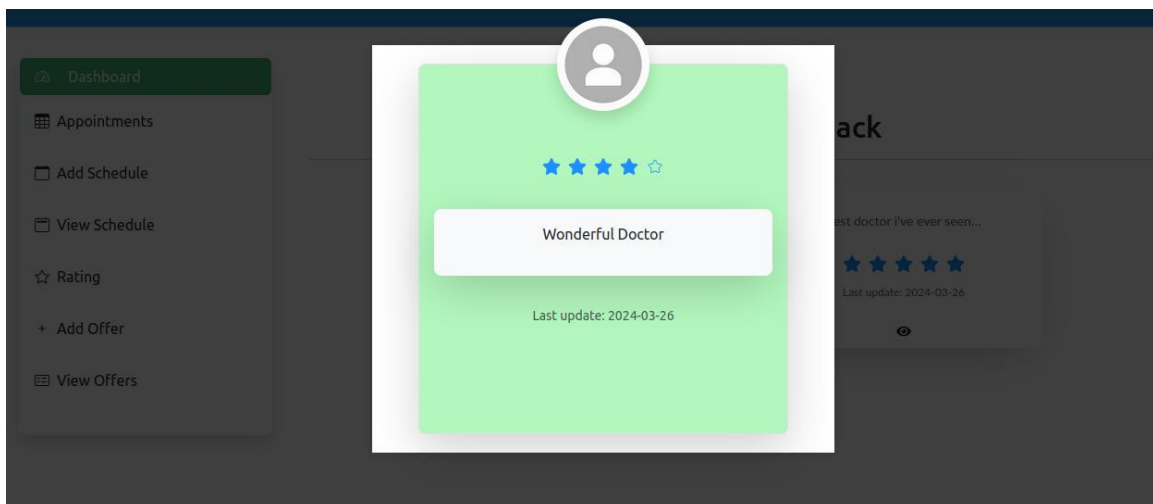
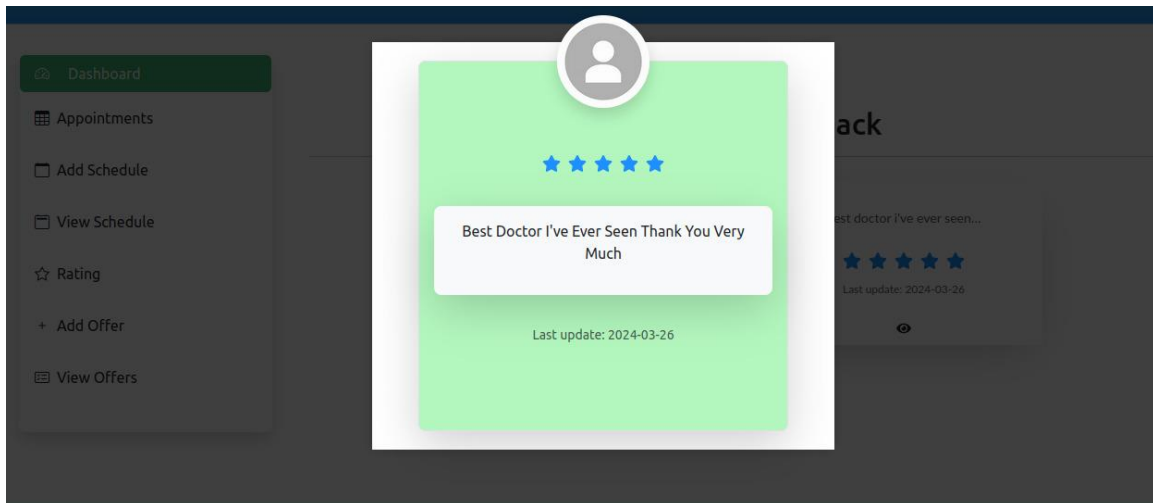
Best doctor i've ever seen...

★★★★★

Last update: 2024-03-26

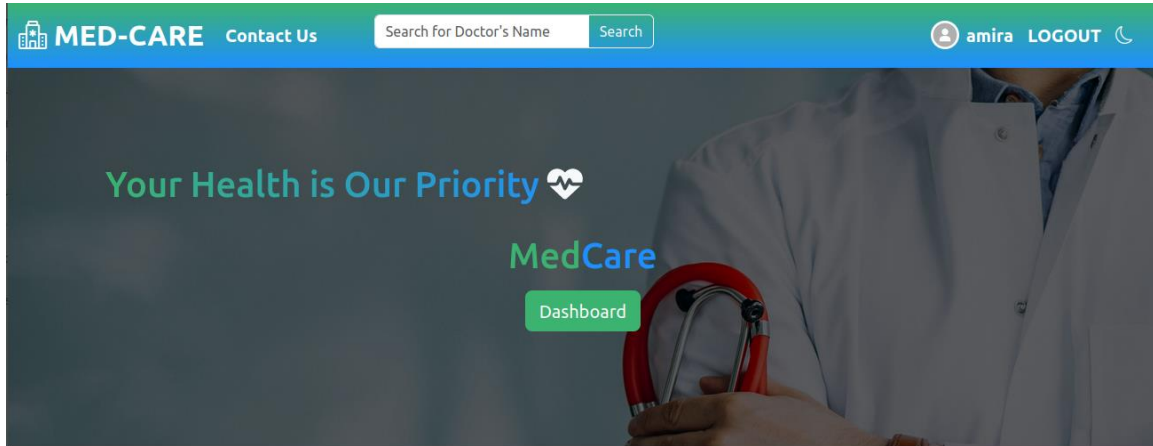


Details Rate Section



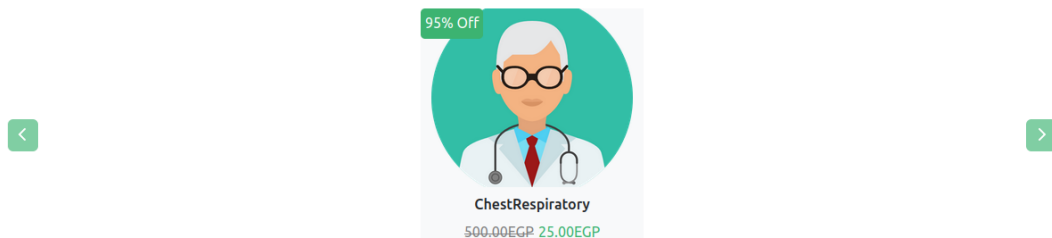
○ User (Patient)

After Patient login

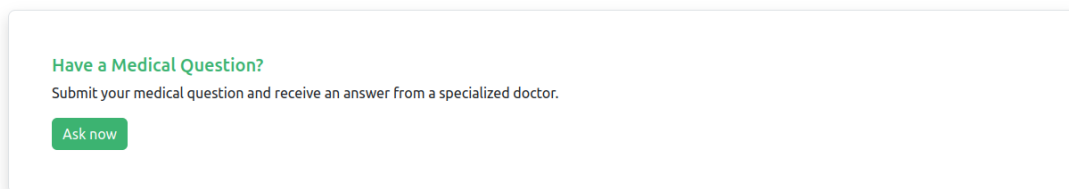


After Patient login

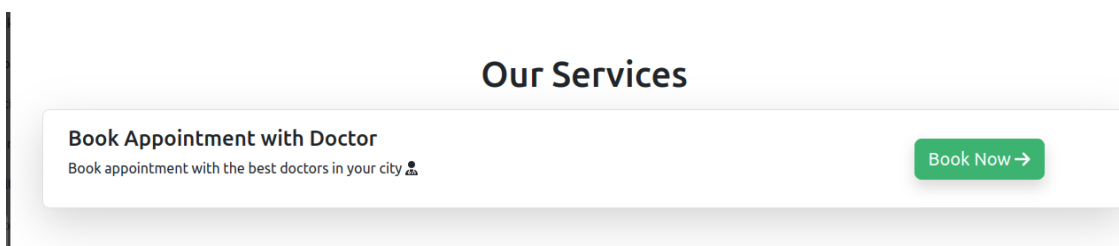
Can View Offer and Ask



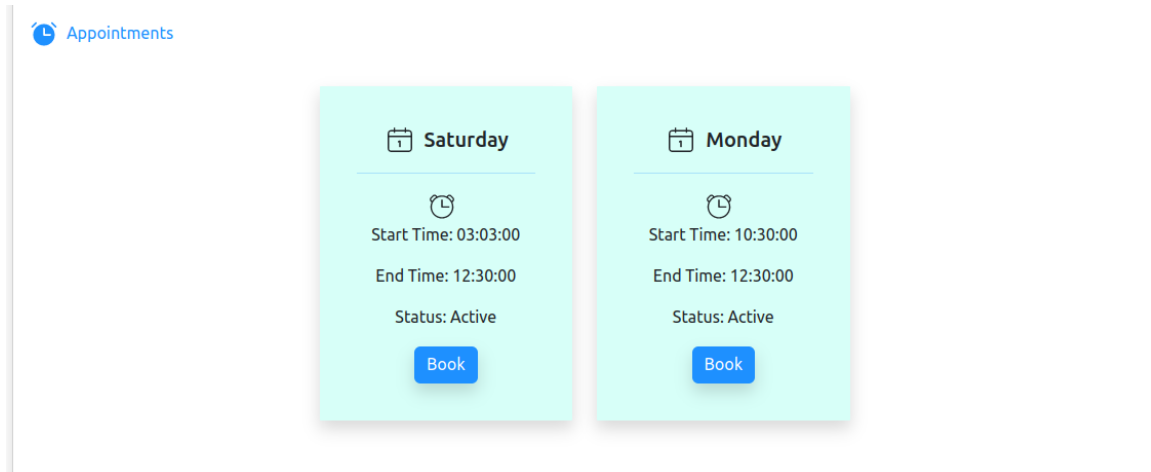
Our Healthcare Services



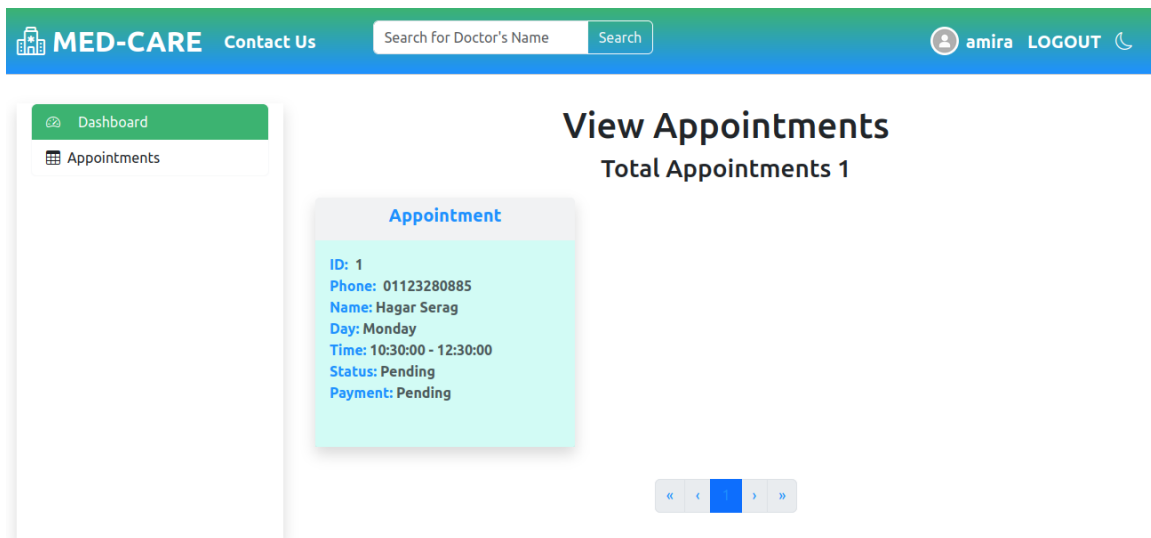
Booking Section for patient



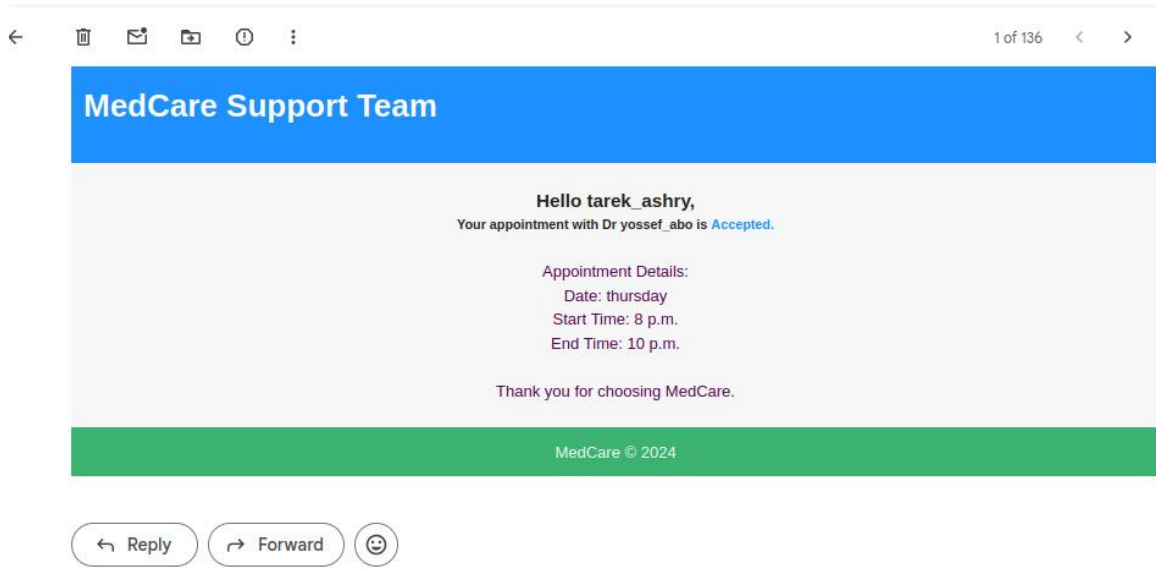
After Patient login Can View Schedule and Book



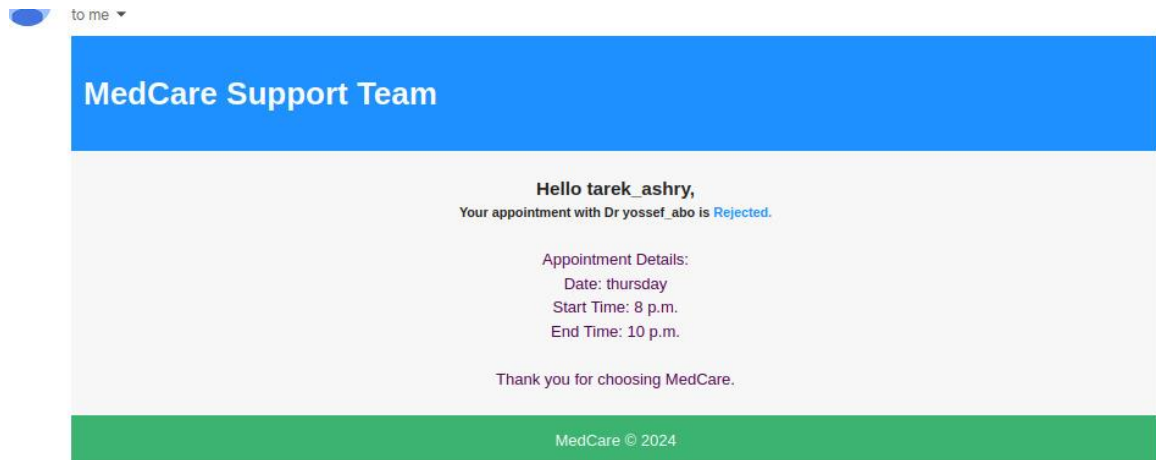
After Patient Booking Can View in Dashboard



Email When doctor accepted booking



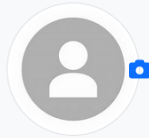
Email When doctor reject booking



View and edit Profile Section

[Profile](#)[Change Password](#)

Manage Profile



First Name

amira

Last Name

serag

Email Address

morogibrahim2023@gmail.com

Phone

01123280885

Age

24


Gender

Female

Address

Save

Edit Password Section

 MED-CARE

Contact Us

Search for Doctor's Name

Search

amira

LOGOUT

[Profile](#)[Change Password](#)

Change Password


Password

Confirm Password


Change Password

Patient Can add rate for doctor

★ Rating & Reviews +





thanks




★★★★★

Last update: 2024-03-26






good service






★★★★★

Last update: 2024-03-26



Patient Payment

Payment ×






CARD NUMBER
5123 4567 8901 2346

CARD NAME
Test Account

VALID THRU
12/25

5123 4567 8901 2346



Test Account

12/25

123

Save Card ☒

PAY 200.00 EGP

Close

ACS Emulator

Merchant Name: TestPaymob

Merchant URL: http://www.paymobsolutions.com/

Amount: EGP 200.00م.ج

Date: 20240326 12:00:09

Card Number: 512345xxxxxx2346

Card Expiry: 2512

Authentication Result: (Y) Authentication Successful ▼

Split PaRes: ☐

Custom ECI:

Custom CAVV:



Payment Success

Redirecting to home page in 3 seconds...

○ User (Admin)

Admin Panel

Med_Care

amira

Dashboard

Authentication and Authorization

Groups

Admin_Tools_Stats

Cached values

Dashboard stats

Dashboard stats criteria

Appointments

Appointments

Schedules

Auth Token

Contact

Contact messages

Doctors

Doctors

Offers

Offers

Ratings

Ratings

Users

Users

Home

Support

Search Users...

Search Groups...

Dashboard

Home > Dashboard

Authentication and Authorization

Groups

Add

Change

Admin_Tools_Stats

Cached values

Add

Change

Dashboard stats

Add

Change

Dashboard stats criteria

Add

Change

Appointments

Appointments

Add

Change

Schedules

Add

Change

Auth Token

Tokens

Add

Change

Contact

Contact messages

Add

Change

Doctors

Doctors

Add

Change

Offers

Offers

Add

Change

Ratings

Ratings

Add

Change

Users

Users

Add

Change

Recent actions

5 minutes ago

kkk

Added "kkk".

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Jazzmin version 2.6.0

Appointments Model

Med_Care

amira

Dashboard

Authentication and Authorization

Groups

Admin_Tools_Stats

Cached values

Dashboard stats

Dashboard stats criteria

Appointments

Appointments

Schedules

Auth Token

Tokens

Home Support Search Users... Search Groups...

Appointments Home > Appointments > Appointments Add appointment

user Search

----- Go 0 of 1 selected

<input type="checkbox"/>	Doctor	Schedule	User	Create at	Is accepted
<input type="checkbox"/>	hagar_serag	Schedule object (2)	amira_serag	March 26, 2024, 7:46 a.m.	<input type="checkbox"/>

1 appointment Save

Schedule Model

Med_Care

amira

Dashboard

Authentication and Authorization

Groups

Admin_Tools_Stats

Cached values

Dashboard stats

Dashboard stats criteria

Appointments

Appointments

Schedules

Auth Token

Tokens

Home Support Search Users... Search Groups...

Schedules Home > Appointments > Schedules Add schedule

day Search

----- Go 0 of 2 selected

<input type="checkbox"/>	Doctor	Day	Start time	End time	Is active
<input type="checkbox"/>	hagar_serag	Monday	10:30 a.m.	12:30 p.m.	<input checked="" type="checkbox"/>
<input type="checkbox"/>	hagar_serag	Saturday	3:03 a.m.	12:30 p.m.	<input checked="" type="checkbox"/>

2 schedules Save

Doctors Model

Med_Care

amira

Dashboard

Authentication and Authorization

Groups

Admin_Tools_Stats

Cached values

Dashboard stats

Dashboard stats criteria

Appointments

Appointments

Schedules

Auth Token

Tokens

Home Support Search Users... Search Groups...

Doctors Home > Doctors > Doctors Add doctor

area Search

----- Go 0 of 1 selected

<input type="checkbox"/>	User	Specialization	Degree	Area	Fees
<input type="checkbox"/>	hagar_serag	-		-	

1 doctor Save

Users Model

Med_Care

amira

Dashboard

Authentication and Authorization

Groups

Admin_Tools_Stats

Cached values

Dashboard stats

Dashboard stats criteria

Appointments

Appointments

Schedules

Auth Token

Tokens

Home Support Search Users... Search Groups...

Users Home > Users > Users Add user

gender Search

----- Go 0 of 4 selected

<input type="checkbox"/>	Gender	Is patient	Is doctor	Phone	Img	Age	Address	City
<input type="checkbox"/>	Male	✗	✗	-	/profile.jpeg	-	-	-
<input type="checkbox"/>	Female	✓	✗	01123280885	/profile.jpeg	24	-	-
<input type="checkbox"/>	Female	✓	✗	01123280885	/profile.jpeg	24	-	-
<input type="checkbox"/>	Female	✗	✓	01123280885	/profile.jpeg	24	-	-

4 users Save

Contact Model

Med_Care

amira

Dashboard

Authentication and Authorization

Groups

Admin_Tools_Stats

Cached values

Dashboard stats

Dashboard stats criteria

Appointments

Appointments

Schedules

Auth Token

Tokens

HomeSupportSearch Users...Search Groups...

Contact messages

Add contact message

The contact message " " was added successfully.

created atSearch

-----Go0 of 1 selected

<input type="checkbox"/>	Name	Email	Message	Created at
<input type="checkbox"/>	hagar	hageraserag2000@gmail.com	how i cancel	March 26, 2024, 8:36 a.m.

1 contact message

Offer Model

Med_Care

amira

Dashboard

Authentication and Authorization

Groups

Admin_Tools_Stats

Cached values

Dashboard stats

Dashboard stats criteria

Appointments

Appointments

Schedules

Auth Token

Tokens

HomeSupportSearch Users...Search Groups...

Offers

Add offer

-----Go0 of 1 selected

<input type="checkbox"/>	Doctor	Specialization	Original price	Discount price	Created at
<input type="checkbox"/>	hagar_serag	ChestRespiratory	500.00	25.00	March 26, 2024, 3:38 a.m.

1 offer

Save

Rating Model

Med_Care

amira

Dashboard

Authentication and Authorization

Groups

Admin_Tools_Stats

Cached values

Dashboard stats

Dashboard stats criteria

Appointments

Appointments

Schedules

Auth Token

Tokens

HomeSupportSearch Users...Search Groups...

RatingsHome > Ratings > RatingsAdd rating

created atSearch

-----Go0 of 2 selected

<input type="checkbox"/>	Doctor	User	Rating	Comment	Created at
<input type="checkbox"/>	hagar_serag	amira_serag	5	good service	March 26, 2024, 7:48 a.m.
<input type="checkbox"/>	hagar_serag	amira_serag	5	thanks	March 26, 2024, 7:48 a.m.

2 ratingsSave

26

Thanks