

MEDILOCATER

Pharmacy Facility

Access nearby pharmacy
Your medication just clickt way

Persented BY:
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INTRODUCTION



MediLocator – Your Nearby Pharmacy Finder

MediLocator is a smart healthcare service that helps people instantly find nearby pharmacies with ease. Whether you need urgent medicines, health supplies, or over-the-counter products, MediLocator connects you to the nearest pharmacy in just a few clicks.

Key Features

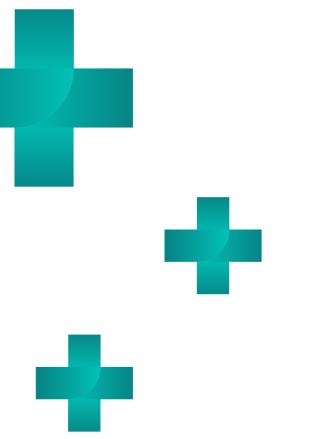
- 📍 Location-based Search – Find pharmacies closest to your current location.
- 🕒 Real-time Availability – Check whether a pharmacy is open or closed before visiting.
- 🏢 Pharmacy Details – Access complete information including name, address, contact, and services offered.
- 💊 Medicine Availability – Option to view or request availability of specific medicines.

Why MediLocator?

- Saves valuable time during medical emergencies.
- Helps people discover trusted pharmacies nearby.
- Supports better access to healthcare in both urban and rural areas.
- Easy-to-use interface designed for all age groups.

Vision

To make healthcare more accessible by ensuring that everyone can quickly locate essential medicines and pharmacies anytime, anywhere.



PROBLEM STATEMENT

People face many problems when looking for medicines:

- Stores may be closed or far away.
- No way to contact multiple pharmacies at once.
- Delays in finding medicine during emergencies.

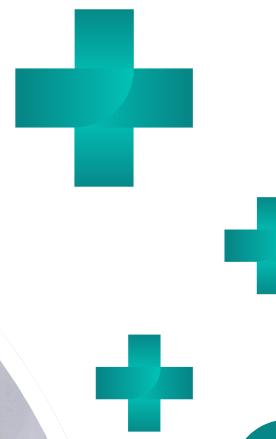




PROPOSED SYSTEM

Medi Locater is a smart web portal with these features:

- Users can search nearby stores on a map after registration and login
- Pharmacies can manage their profile from their dashboard and add their shop details along with location on Map.
- If the medicine is not found, users can send a request that reaches all pharmacies.



OBJECTIVE & SCOPE

Objectives:

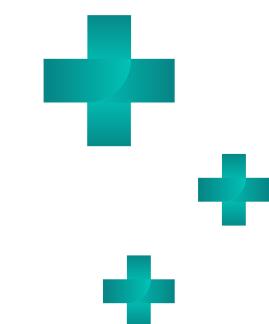
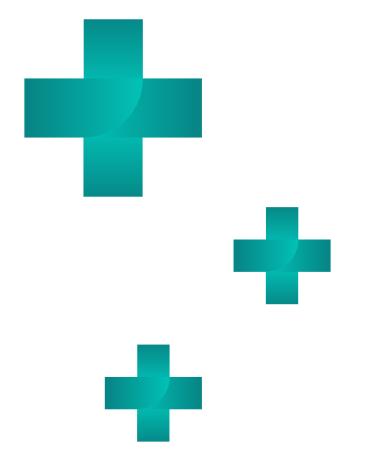
- Help users find nearby medical stores with required medicines.
- Add map-based search to make it easier for users.
- Let users send medicine requests to all shop owners.
- Help shop owners contact users directly when the medicine is available.





scope

- User and shop owner registration.
- Medicine request and response system.
- Map search with filters.
- In the future, it can include hospitals, labs,
- and home delivery.





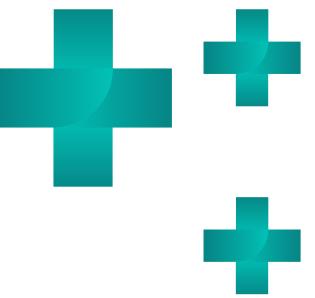
HARDWARE REQUIREMENT

Client Side:

Any updated machine with internet connection

Developer Side:

Processor	:	Core i3 or above
RAM	:	4 GB
HDD	:	500 GB
Display	:	High Resolution screen
Others	:	Internet Connection



SOFTWARE REQUIREMENT

Client Side:

Web Browser : Any updated browser

Developer Side:

Browser : Any updated browser

IDE : Visual Studio Code

Language : Python

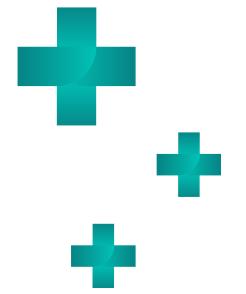
Framework : Django

Database : SQLite

Operating System : Windows



MODULE



1. Registration management:

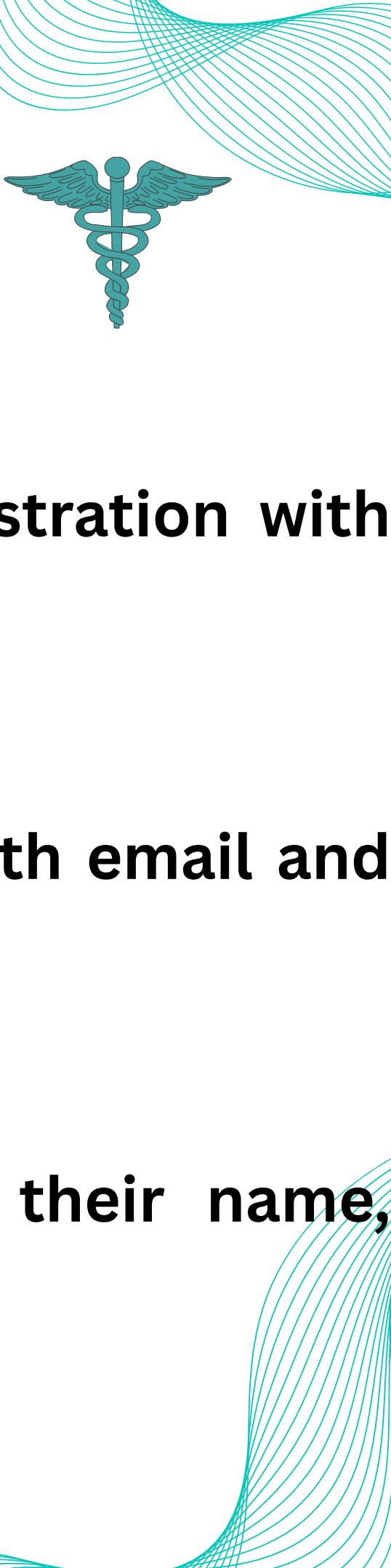
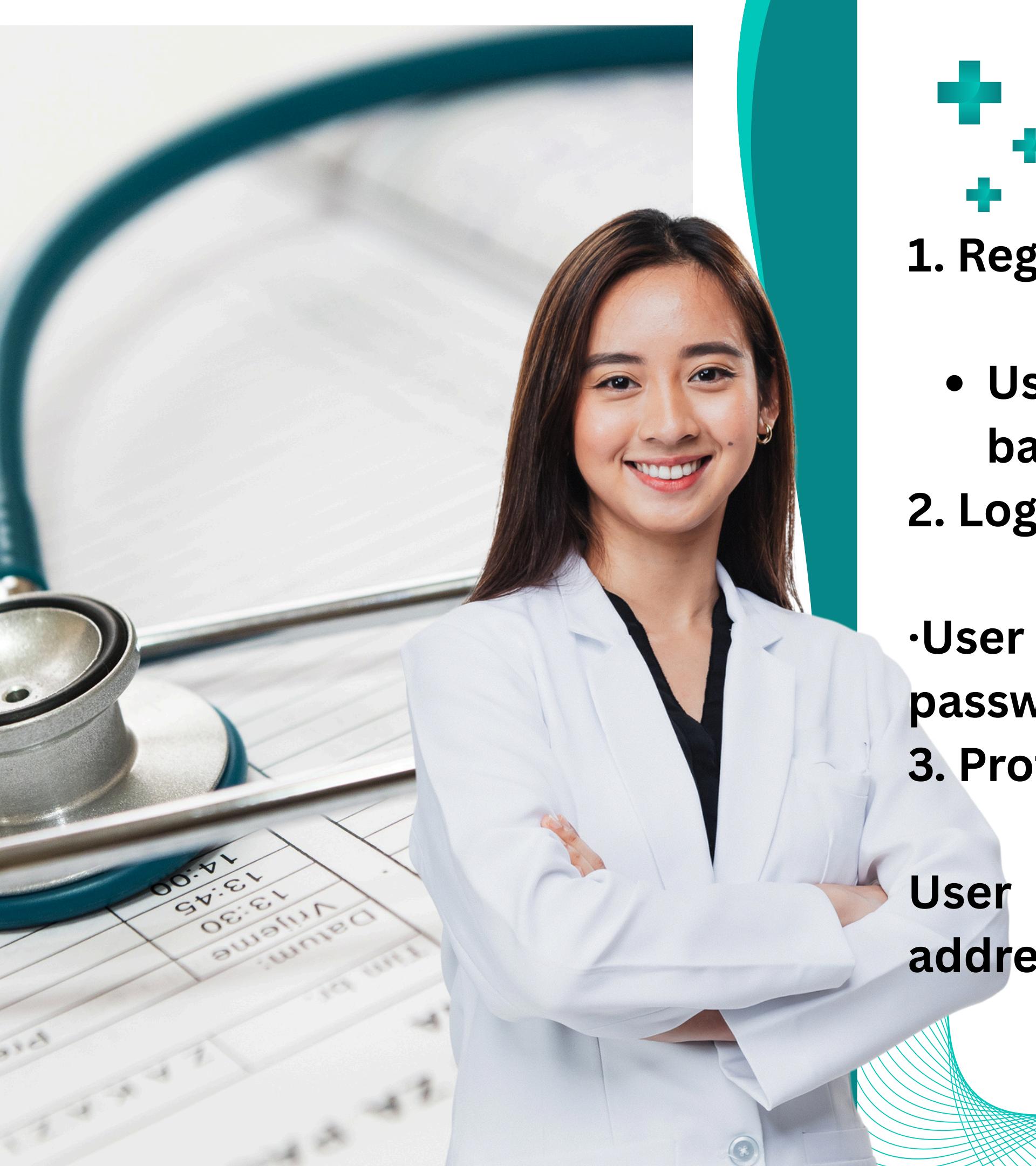
- User and shop owner will do registration with basic details.

2. Login management:

- User and shop owner will do login with email and password.

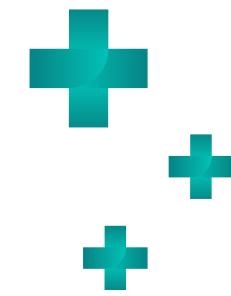
3. Profile Management:

User and shop owners can update their name, address, contact.





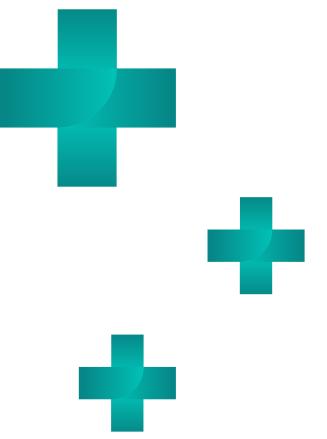
MODULE



4. Shop Details Management with Map Integration:

- Shop owners will add the details of their shop like name, address etc
- Shop owners will add the location of their shop on map so that user can find out the shops on map based on geographic location





4. Search and filter management:

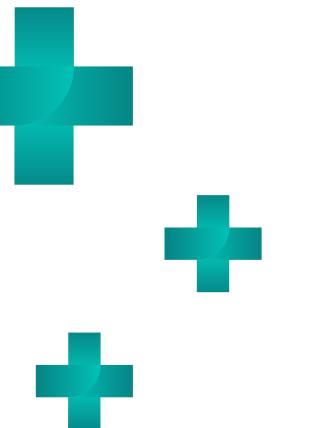
- Users can enter location name and see nearby stores on the map.

6. Contact management:

- Users can contact to admin if they have faced any kind of problem.

7. Feedback management:

- Users can give feedback after visiting a store or using the platform.



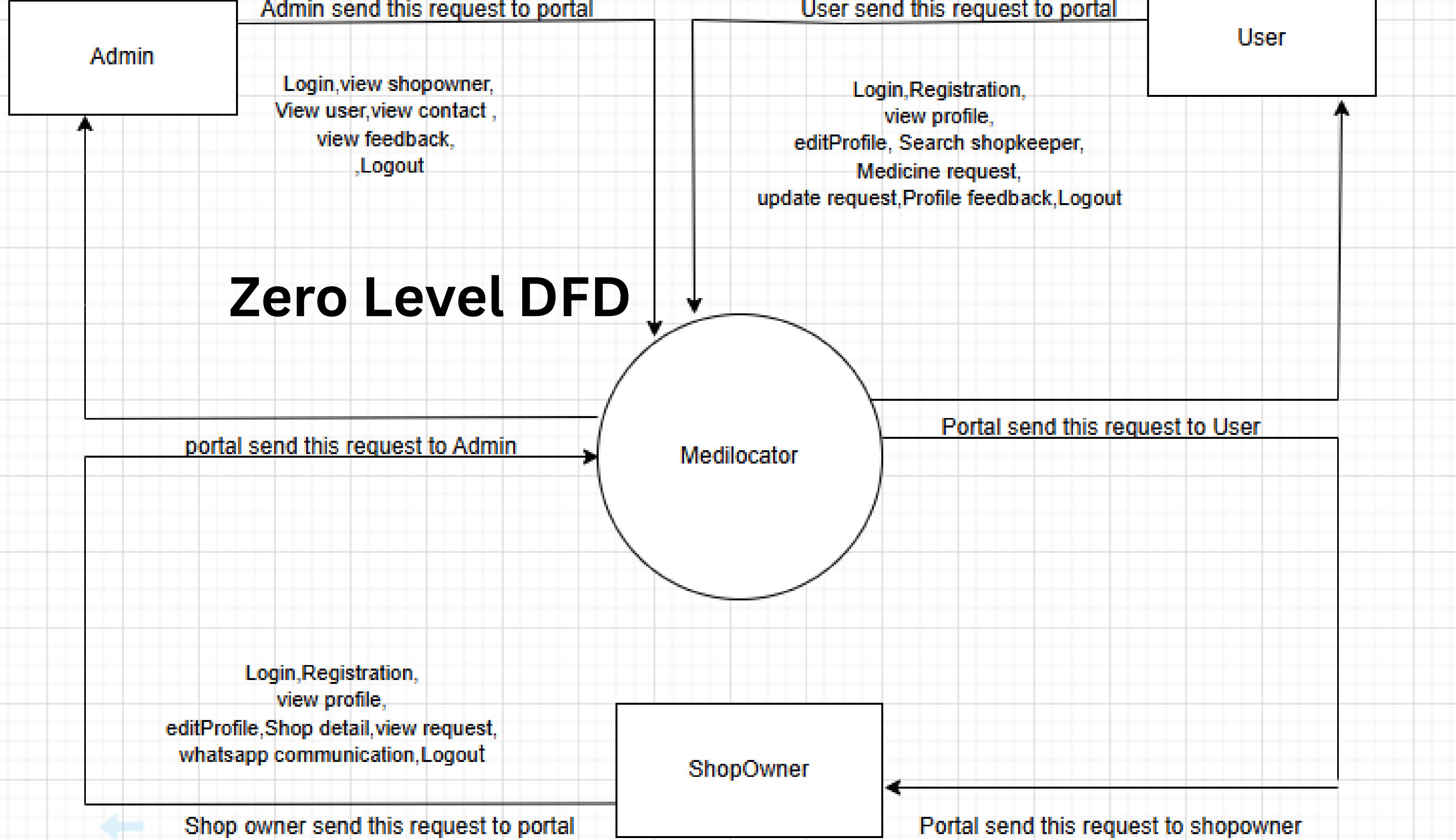
8. Medicine Request Management:

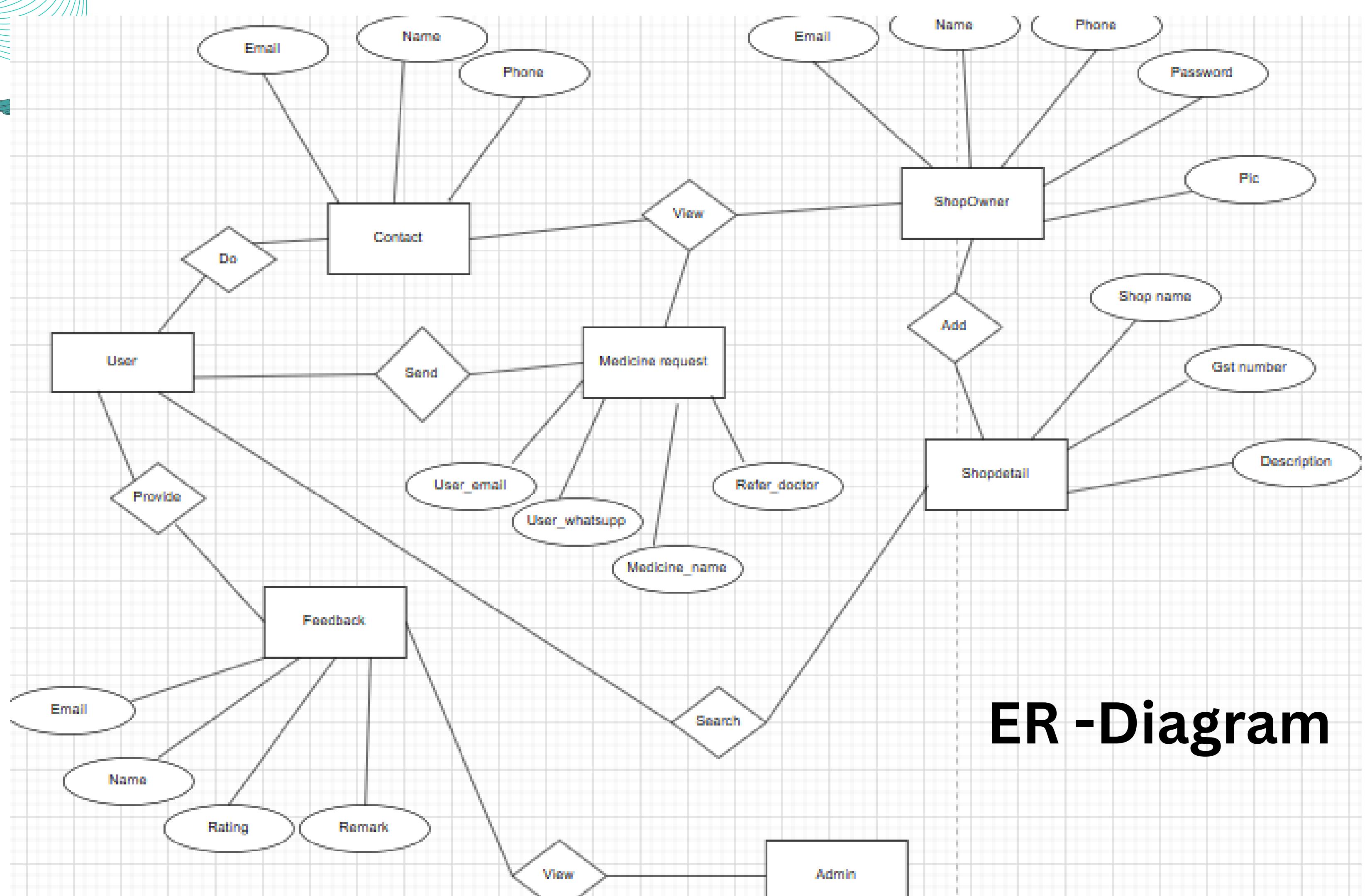
- Users can send a request for required medicine it will be seen by all shopkeepers and they can contact with the users if they have that medicine.
- After receiving the medicine with the help of this portal user will update the status of their request

Limitations:

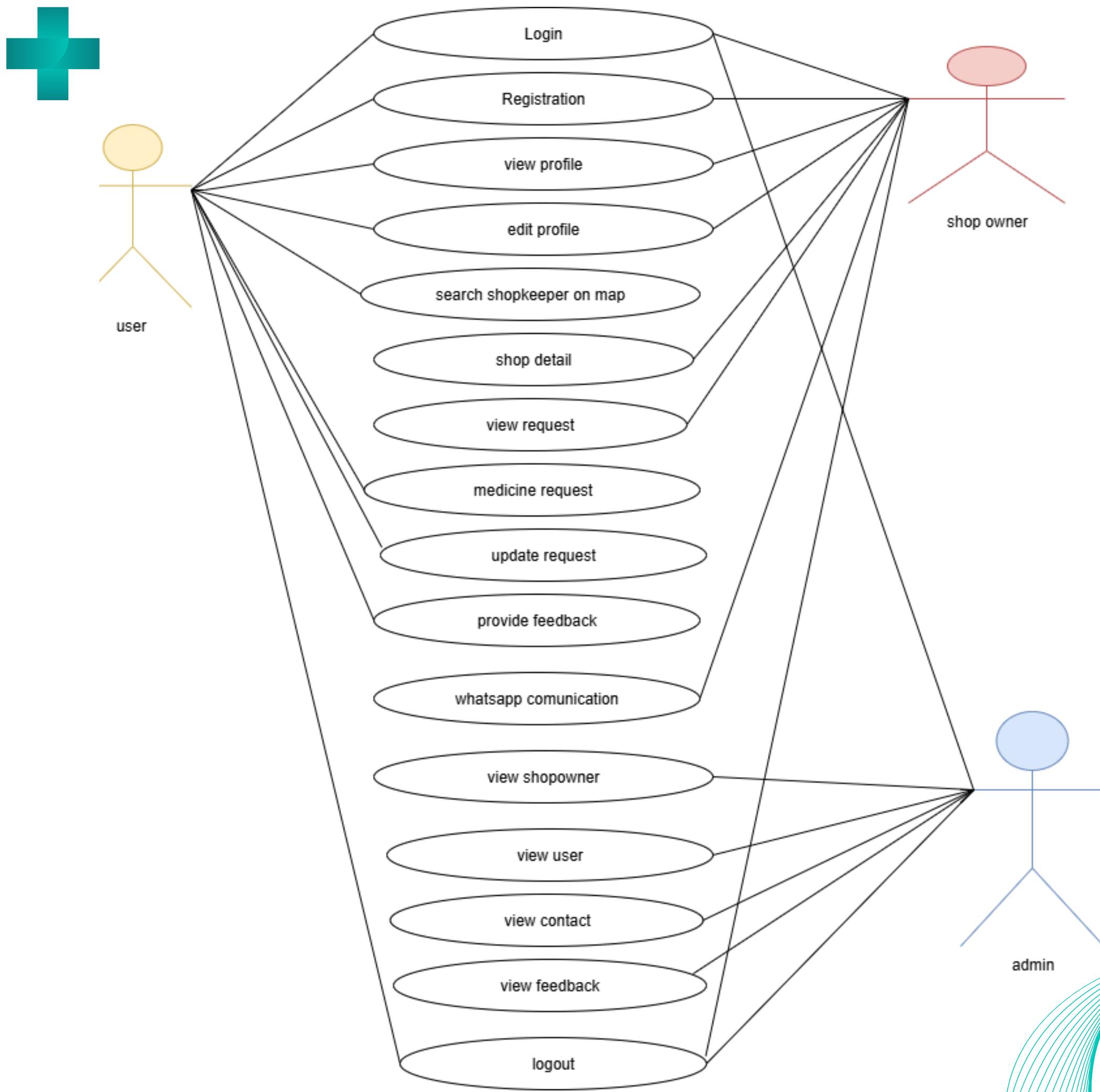
- Location may not be accurate in some remote areas.
- Needs internet to work.







ER-Diagram



Use case



Table to be used

Table

medi_app_shopowner

▼ Advanced

Fields Index Constraints Foreign Keys Check Constraints



Add



Remove

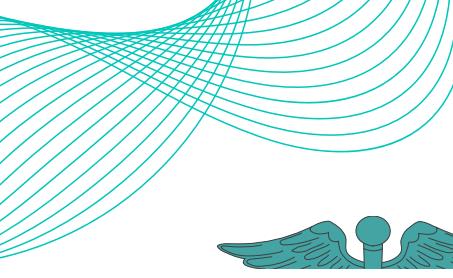
Move to top

Move up

Move down

Move to bottom

Type	NN	PK	AI	U	Default	Check	Collation	Foreign Key
varchar(60)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
varchar(60)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
varchar(45)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
varchar(13)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
varchar(100)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				



Table

medi_app_shopdetail

Advanced

Fields Index Constraints Foreign Keys Check Constraints

Add Remove Move to top Move up Move down Move to bottom

Name	Type	NN	PK	AI	U	Default	Check	Collation
shop_name	varchar(255)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
gst_number	varchar(255)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
description	TEXT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
location_lat	varchar(100)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
location_long	varchar(100)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
phone_no	varchar(15)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
city	varchar(100)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
address	TEXT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			



Table

medi_app_medicinerequest

▼ Advanced

Fields

Index Constraints

Foreign Keys

Check Constraints



Move to top

Move up

Move down

Move to bottom

Name	Type	NN	PK	AI	U	Default	Check
id	INTEGER	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
user_email	varchar(100)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
user_whatsapp	varchar(13)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
medicine_name	varchar(100)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
refer_doctor_name	varchar(100)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
user_message	TEXT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
medicine_status	varchar(30)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		



Table

medi_app_contact

▼ Advanced

Fields

Index Constraints

Foreign Keys

Check Constraints



Add



Remove

Move to top

Move up

Move down

Move to bottom

Name	Type	NN	PK	AI	U	Default	Check
id	INTEGER	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Email	varchar(45)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
name	varchar(55)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
phone	varchar(13)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
question	TEXT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
date	date	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		



Table

medi_app_feedback

▼ Advanced

Fields

Index Constraints

Foreign Keys

Check Constraints



Add



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Move to top

Move up

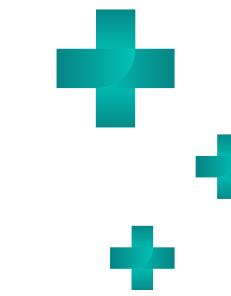
Move down

Move to bottom

Name	Type	NN	PK	AI	U	Default	Check	Collation
Email	varchar(45)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
name	varchar(55)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
rating	varchar(5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
remark	TEXT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
user_pic	varchar(255)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
date	date	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			



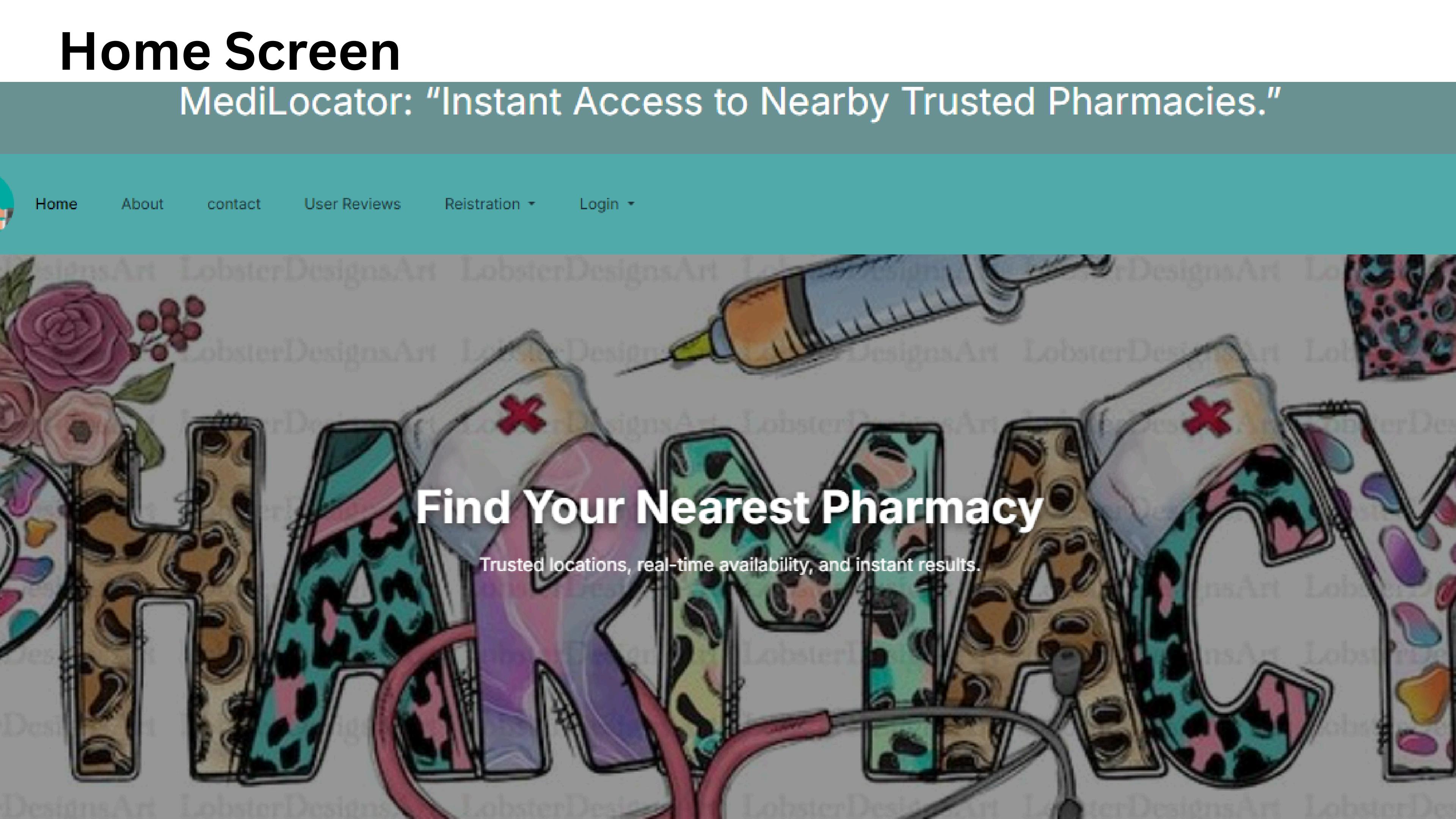
OUTPUT SCREEN



Home Screen

MediLocator: "Instant Access to Nearby Trusted Pharmacies."

Home About contact User Reviews Registration Login



Find Your Nearest Pharmacy

Trusted locations, real-time availability, and instant results.

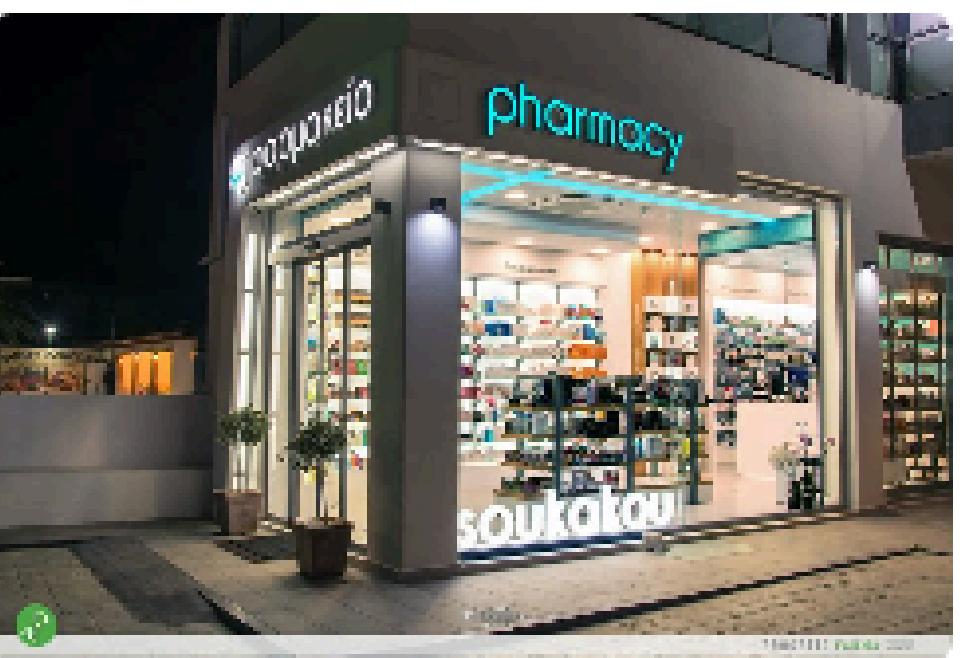
"The best way to get your prescription."

"Bringing loving care to health care."

Quick, reliable, and accurate results for all your healthcare needs.



"Your Local Pharmacy: Your Health Advocate"





About MediLocator

Medi locator is your digital companion in accessing nearby pharmacies, healthcare services, and medicine availability. Our platform simplifies finding verified health care support with real time updates and conveniences.

Our Mission & Vision

To revolutionize healthcare access by leveraging technology to bridge the gap between patients and verified medical providers. To offer users a seamless, rewarding experience in finding medicine, connecting with local pharmacies, and accessing several health services instantly.



Why started

In many parts of India, access to critical medications during odd hours, emergencies, or in remote areas remains a persistent challenge. Patients often pharmacies are closed by users often lack real time information on medicine availability or operating hours.

So, MediLocator was born out of a simple yet urgent need:



MEDICAL
PROFESSIONAL SERVICES

- **Improve Accessibility** Just like store buyers simplify finding nearby shops, health care buyers can similarly realize where and why when finding pharmacies—especially in urgent situations.
- **Bridge the Information Gaps** Many existing platforms don't offer verified, real-time info about medicine stock or service availability. Medilocator aims to be accurate, up to date, and reliable.
- **Built with Empathy** We envisioned a solution that serves individuals during their most critical moments—late night needs, medical emergencies, or under resourced rural landscapes.

What Sets MediLocator Apart:

"In emergencies, every second counts. MediLocator is designed to ensure help is just a tap away."

Meet the Creator

Om Shital Singh—a passionate Web Developer & Software Engineer focused on building healthcare tech solutions. I built MediLocator out of my own concept in deployment—to help users find nearby pharmacies instantly and reliably.

- ★ Started coding to solve real world challenges through technology
- ★ Launched and deployed MediLocator independently
- ★ Committed to user centric, health care service design





[Home](#) [About](#) [contact](#) [User Reviews](#) [Registration](#) ▾ [Login](#) ▾

Contact

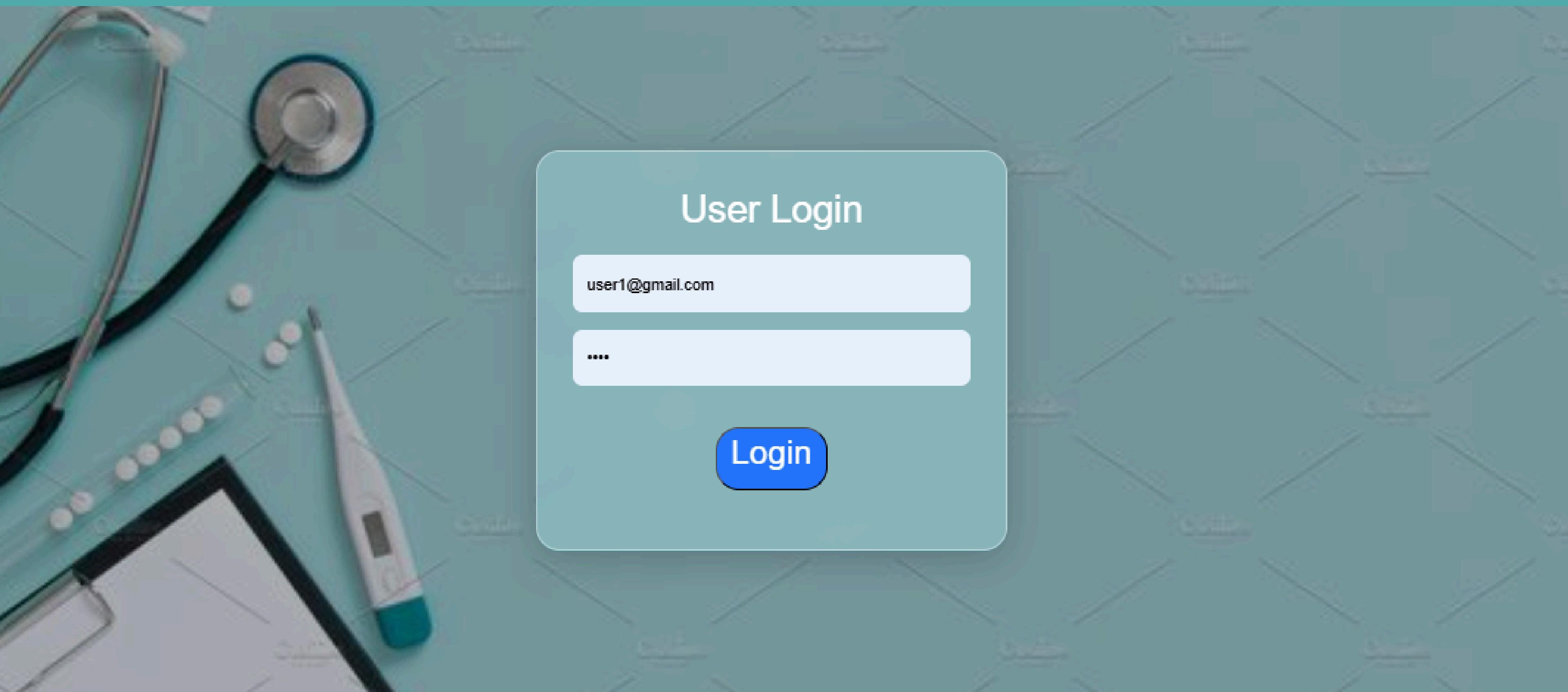
Name

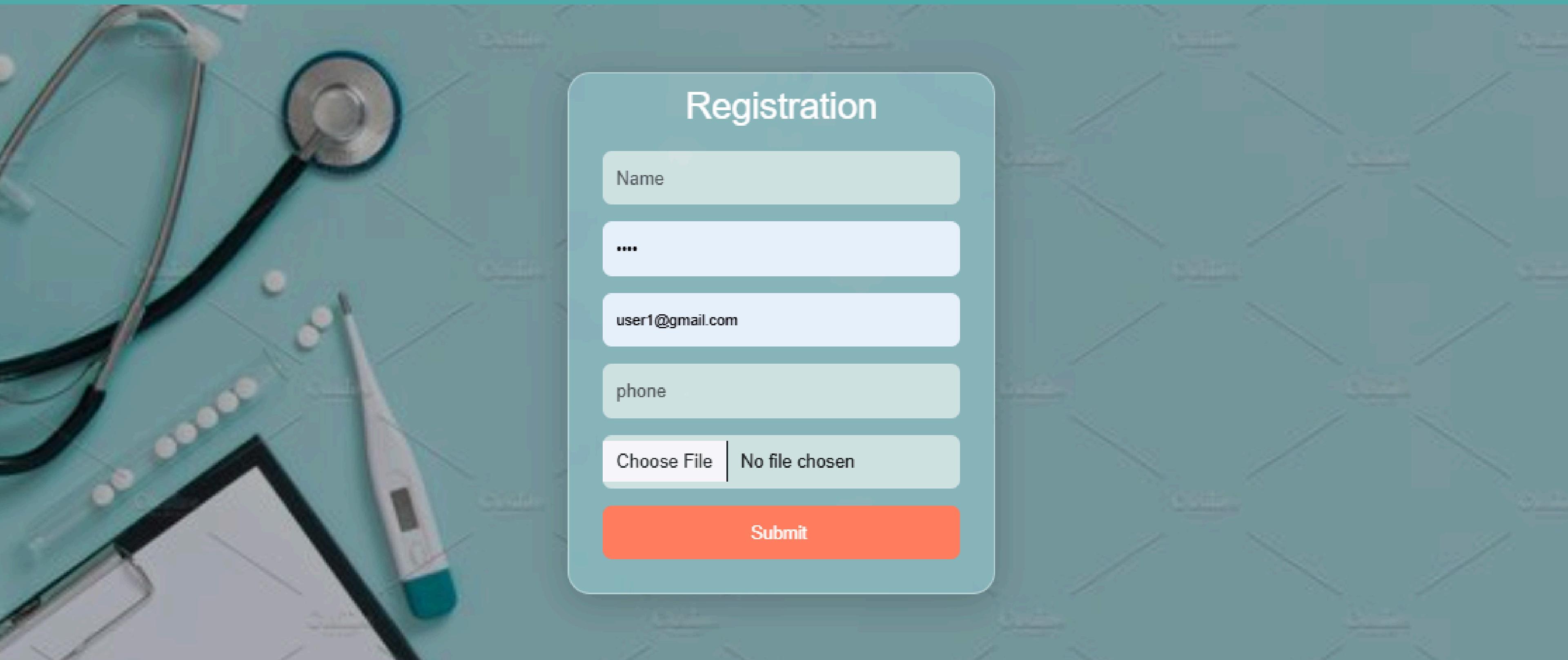
Phone

Email

message...

Submit







Medicine request

user1@gmail.com

whatsapp_no

Medicine Name

refer_doctor Name

Messages

Submit



+ LIMITATION

MEDILOCATOR MAKES IT EASIER FOR USERS TO FIND NEARBY PHARMACIES AND MEDICAL SHOPS, THERE ARE STILL SOME LIMITATIONS. THE APP RELIES HEAVILY ON INTERNET AND GPS CONNECTIVITY, WHICH MAY NOT ALWAYS BE RELIABLE IN RURAL OR LOW-NETWORK AREAS. THE ACCURACY OF SEARCH RESULTS ALSO DEPENDS ON HOW FREQUENTLY SHOP OWNERS UPDATE THEIR INFORMATION, AND IT CANNOT GUARANTEE WHETHER A SPECIFIC MEDICINE IS IN STOCK. CONTINUOUS LOCATION TRACKING MAY AFFECT DEVICE BATTERY, AND FREE APIs USED IN THE SYSTEM OFTEN COME WITH RESTRICTIONS ON USAGE. MOREOVER, PRIVACY CONCERN RELATED TO SHARING LIVE LOCATION AND COMPETITION FROM ALREADY ESTABLISHED MEDICAL APPS ALSO POSE CHALLENGES.





+ + + FUTURE SCOPE

MEDILOCATOR HAS STRONG POTENTIAL FOR GROWTH AND IMPROVEMENT IN THE FUTURE. BY INTEGRATING REAL-TIME INVENTORY SYSTEMS, USERS WILL BE ABLE TO CHECK THE EXACT AVAILABILITY OF MEDICINES BEFORE VISITING A PHARMACY. THE APP CAN EXPAND ITS COVERAGE TO RURAL AREAS THROUGH PARTNERSHIPS WITH LOCAL MEDICAL STORES AND GOVERNMENT HEALTH CENTERS. FEATURES LIKE ONLINE ORDERING, DIGITAL PAYMENTS, AND HOME DELIVERY CAN BE ADDED TO MAKE THE SERVICE MORE CONVENIENT. ENHANCED AI-BASED RECOMMENDATIONS CAN GUIDE USERS TO ALTERNATIVE MEDICINES OR NEAREST 24X7 PHARMACIES IN CASE OF EMERGENCIES. DATA SECURITY AND PRIVACY MEASURES CAN ALSO BE STRENGTHENED TO BUILD USER TRUST. WITH CONTINUOUS UPDATES AND WIDER ADOPTION, MEDILOCATOR CAN EVOLVE INTO A COMPLETE HEALTHCARE SUPPORT PLATFORM.



Conclusion

In overall conclude,
The MediLocator project provides a practical and user-friendly digital solution that helps patients and customers easily locate nearby medical stores, pharmacies, and essential medicines. The main objective of this project is to bring convenience and accessibility to the healthcare sector, ensuring that people can access the right medicines at the right time.

medilocator give a service of access nearby pharmacy just on single tap where shopowner and user make a fantastic bond.this project created on purpose that is health is wealth coating.





thank you!