Pharmeasy

Purpose:

Need a system where patient needs to register himself and can upload prescriptions so that he can share with doctor and/or pharmacist

* Registered Doctor can able to to send request to patient for prescriptions and can able to view once patient approves the access request for the same

* Similarly a registered Pharmacist can able to to send request to patient for prescriptions and can able to view once patient approves the access request for the same

What it is not?

In this system once Patient approves Doctor/Pharmacist access request, Doctor/Pharmacist now able to view all the previous prescriptions of a Patient

* keeping in mind , like when a Patient goes to Doctor, Doctor ask for all previous prescriptions of a Patient

* Thats why not support Access based view for individual prescription

Internal:

*Entities:

users

id	integer
email	varchar
encrypted_password	varchar
reset_password_token	varchar
reset_password_sent_at	timestamp
remember_created_at	timestamp
sign_in_count	integer
current_sign_in_at	timestamp
last_sign_in_at	timestamp
current_sign_in_ip	inet
last_sign_in_ip	inet
users_role_id	integer
uuid	varchar
created_at	timestamp
updated_at	timestamp

access_requests

id	integer
active_subscription_id	integer
subscription_request_id	integer
status	varchar
created_at	timestamp
updated_at	timestamp

users_roles

id	integer
name	varchar
created_at	timestamp
updated_at	timestamp

documents

Id	Integer
prescription_id	integer
file_name	varchar
created_at	timestamp
updated_at	timestamp

prescriptions

id	integer
name	varchar
user_id	integer
created_at	timestamp
updated_at	timestamp

*Users: contains information of a user (email, password, universal unique id, etc)

User have association with UsersRoles using users_role_id to determine whether a user is a Patient/Doctor/Pharmacist

*Prescription: Prescription contains the prescriptions of a user and it has one to many relationship with Documents

*Documents: Document table holds the documents of a prescription. Document belongs to a Prescription using prescription_id.

*AccessRequest: AccessRequest contains subscription request to access a prescriptions.

Let say When a Doctor wants to access a prescriptions of a Patient he can able to do so by creating a request which inserts record in AccessRequest having requestee_id equals to Patient uuid and requester_id equals to Doctor uuid.

Status of AccessRequest defines whether a Patient approves the request or not
Inactive/0 means not approve

Active/1 means approves the request.

Flow:

*User needs to register/sign in

Log in

Email

Password

☐ Remember me

Log in
Sign up
Forgot your password?

Sign up

Email

Password *(6 characters minimum)*

Password confirmation

User role

Patient

Sign up
Log in

Welcome to Pharmeasy

(Logout)

Patient Panel

Your unique identity id : 25132005

Note : (Please share this id with your doctor or pharmacist so that they can review your prescription)

Add Prescription

User Dashboard

Prescription name

pres1

Image

Choose file Coldplay-680x365_c.png
Remove Image
Documents
Add Image

Create Prescription

AdhaarCard.jpg Upload prescription

Welcome to Pharmeasy

(Logout)

Patient Panel

Your unique identity id : 25132005

Note : (Please share this id with your doctor or pharmacist so that they can review your prescription)

Previous Prescriptions

Sno.	Prescriptions	Images
1	pres1	

Add Prescription

Prescription now visible in dashboard

Welcome to Pharmeasy

(Logout)

Doctor Panel

Your unique identity id : 80583711

Search Patients	Search

Doctor panel
(search patient by patient uuid)

25132005	Search

Patient Id	Patient Name	Action
25132005	abc@gmail.com	Request Access

Now can create request for prescription

Welcome to Pharmeasy

(Logout)

Patient Panel

Your unique identity id : 25132005

Note : (Please share this id with your doctor or pharmacist so that they can review your prescription)

Previous Prescriptions

Sno.	Prescriptions	Images
1	pres1	

Add Prescription

Users Request

User UUID	Email	Request Type	Action
80583711	abhi00@gmail.com	Doctor	Approve Access

Now Patient can approve the access request of a doctor

Welcome to Pharmeasy

(Logout)

Doctor Panel

Your unique identity id : 80583711

[Search Patients] [Search]

Patients

Patient Id	Patient Name	Prescription (name, doc)
25132005	abc@gmail.com	pres1

Doctor now view the prescription as abc user accepted the request