DBMS PROJECT

PHARMACY MANAGEMENT SYSTEM

Done By

Sathwik S

Pharmacy Management system is my project. It is a system useful to manage the pharmacy where the pharmacy medicines, stock, seller

Details, buyer details are maintained in a database . This makes the pharmacy more accessible from the comfort of home for buyer and buying the medicines from the seller directly for the pharmacy. And

it is easy for the pharmacy to note the medicines bought and sold virtually and in a secured way than In physical form.

We identified 8 tables for this project

1.Buyer -buyer details are stored

2.seller -seller details are stored

3.medicine_inventory – medicines in pharmacy

4.seller_medicines – seller medicines

5.temp_sale_order -sale orders that are pending and not accepted by admin

6.temp_purchase_order-purchase orders that are pending and not accepted by seller

7.sale_order-accepted sale orders

8.purchase_order-accepted purchase orders

Technologies Used

Frontend-Html, css , Javascript

Framework-Semantic ui

Backend-SQL

Server side-Php and Phpmyadmin

Our Database name is PMS

Tables

Buyer

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	Buyer_Name	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
2	Buyer_ID	varchar(5)	utf8mb4_general_ci		No	None			Change Drop More
3	Buyer_Email	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
4	Buyer_Password	varchar(25)	utf8mb4_general_ci		No	None			Change Drop More
5	Buyer_Address	varchar(80)	utf8mb4_general_ci		No	None			Change Drop More
6	Buyer_Contact	decimal(10,0)			No	None			Change Drop More
7	Buyer_JoinDate	timestamp			No	current_timestamp()			Change Drop More

Seller

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	Seller_Name	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
2	Seller_ID	varchar(5)	utf8mb4_general_ci		No	None			Change Drop More
3	Seller_Email	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
4	Seller_Password	varchar(25)	utf8mb4_general_ci		No	None			Change Drop More
5	Seller_Address	varchar(80)	utf8mb4_general_ci		No	None			Change Drop More
6	Seller_Contact	decimal(10,0)			No	None			Change Drop More
7	Seller_JoinDate	timestamp			No	current_timestamp()			Change Drop More

Seller_medicines

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	S_ID	varchar(5)	utf8mb4_general_ci		No	None			Change Drop More
2	SName	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
3	MName	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
4	MQuantity	int(11)			No	None			Change Drop More
5	PPQ	float			No	None			Change Drop More

temp_sale_order

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	SONO	varchar(7)	utf8mb4_general_ci		No	None			Change Drop More
2	BID	varchar(5)	utf8mb4_general_ci		No	None			Change Drop More
3	BNAME	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
4	BCONTACT	decimal(10,0)			No	None			Change Drop More
5	BADDRESS	varchar(80)	utf8mb4_general_ci		No	None			Change Drop More
6	MNAME	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
7	MQUANTITY	int(11)			No	None			Change Drop More
8	AMOUNT	float			No	None			Change Drop More
9	PAY_MODE	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
10	BUY_DATE	date			No	current_timestamp()			Change Drop More
11	STATUS	varchar(20)	utf8mb4_general_ci		No	PENDING			Change Drop More

temp_purchase_order

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	PO_NO	varchar(7)	utf8mb4_general_ci		No	None			Change Drop More
2	S_ID	varchar(5)	utf8mb4_general_ci		No	None			Change Drop More
3	SNAME	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
4	MNAME	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
5	MQUANTITY	int(11)			No	None			Change Drop More
6	AMOUNT	float			No	None			Change Drop More
7	PAY_MODE	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
8	BUY_DATE	date			No	current_timestamp()			Change Drop More
9	STATUS	varchar(10)	utf8mb4_general_ci		Yes	PENDING			Change Drop More

Sale_order

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	SONO	varchar(7)	utf8mb4_general_ci		No	None			Change Drop More
2	BID	varchar(5)	utf8mb4_general_ci		No	None			Change Drop More
3	BNAME	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
4	BCONTACT	decimal(10,0)			No	None			Change Drop More
5	BADDRESS	varchar(80)	utf8mb4_general_ci		No	None			Change Drop More
6	MNAME	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
7	MQUANTITY	int(11)			No	None			Change Drop More
8	AMOUNT	float			No	None			Change Drop More
9	PAY_MODE	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
10	BUY_DATE	date			No	current_timestamp()			Change Drop More
11	DAYS_NO	int(11)			No	None			Change Drop More

Purchase_order

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	PO_NO	varchar(7)	utf8mb4_general_ci		No	None			Change Drop More
2	S_ID	varchar(5)	utf8mb4_general_ci		No	None			Change Drop More
3	SNAME	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
4	MNAME	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
5	MQUANTITY	int(11)			No	None			Change Drop More
6	AMOUNT	float			No	None			Change Drop More
7	PAY_MODE	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
8	BUY_DATE	date			No	None			Change Drop More
9	DAYSNO	int(11)			No	None			Change Drop More

Check all With selected: Browse Change Drop Primary Unique Index Spatial Fulltext Add to central columns

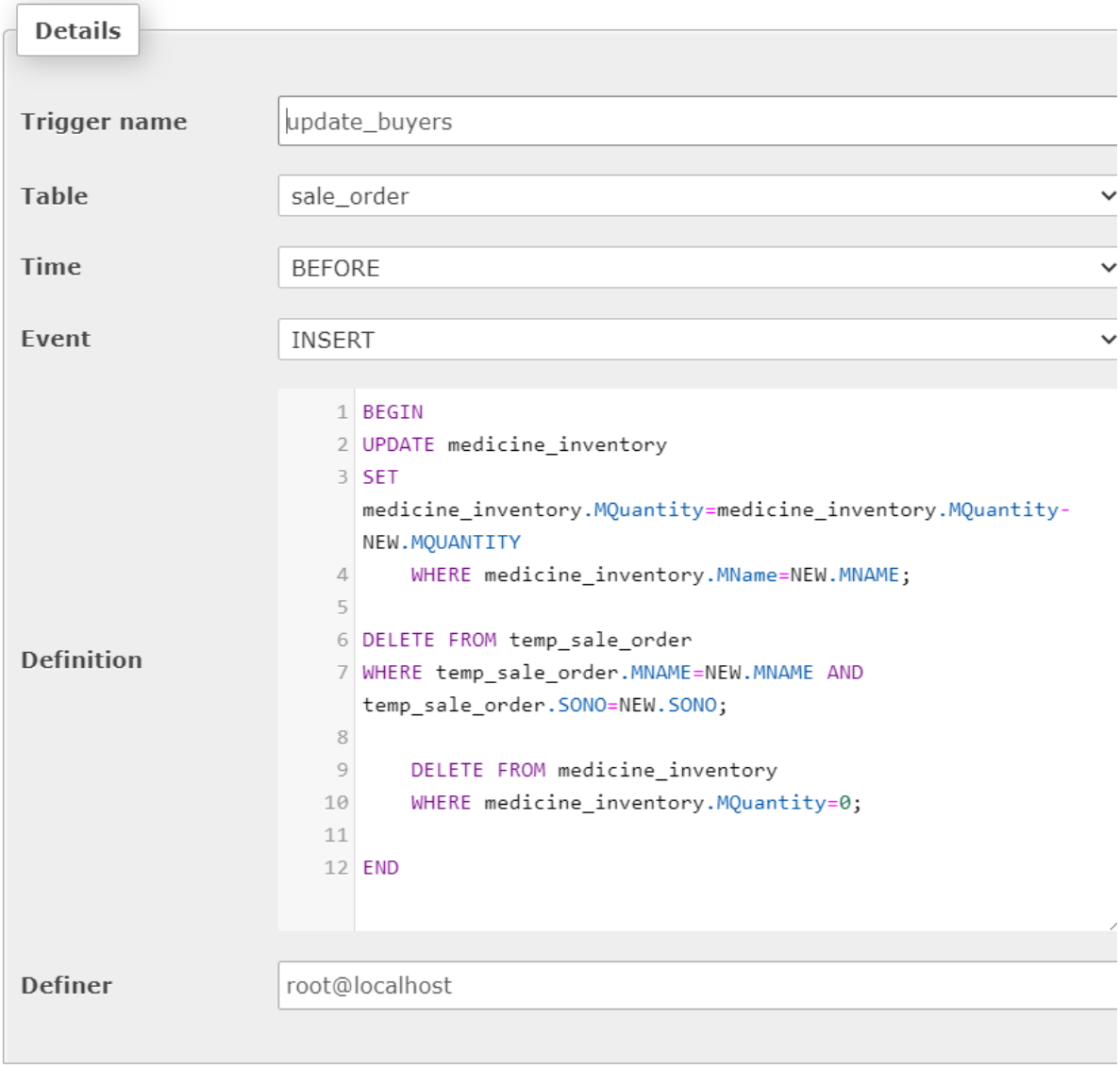
Medicine_inventory

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	MID	varchar(7)	utf8mb4_general_ci		No	None			Change Drop More
2	MName	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
3	MQuantity	int(11)			No	None			Change Drop More
4	PPQ	float			Yes	NULL			Change Drop More

Triggers

Sale order trigger

This trigger is used when the admin accepts buyer requests the quantity in medicine inventory is automatically reduced and deleting the from pending orders and if the quantity of medicine is equal to zero the medicine is deleted from medicine inventory.



Purchase order trigger

This trigger is used when the admin buys medicines from seller

After seller accepts if the name is there in medicine inventory it adds the quantity purchased to remaining quantity and adds to medicine inventory.

Details

Trigger name update_medicines

Table purchase_order

Time AFTER

Event INSERT

Definition

```
BEGIN
    IF NEW.MNAME not in (
            select medicine_inventory.MName
            From medicine_inventory
        ) THEN
        INSERT INTO medicine_inventory (MID,MNAME,MQUANTITY) VALUES
(NEW.PO_NO,NEW.MNAME,NEW.MQUANTITY);
     ELSE
    UPDATE medicine_inventory
    SET
medicine_inventory.MQuantity=medicine_inventory.MQuantity+NEW.MQUANTITY
    WHERE medicine_inventory.MName=NEW.MNAME;
     END IF;

     UPDATE seller_medicines
     SET seller_medicines.MQuantity=seller_medicines.MQuantity-
NEW.MQUANTITY WHERE seller_medicines.S_ID=NEW.S_ID AND
seller_medicines.MName=NEW.MNAME;

    DELETE FROM seller_medicines WHERE seller_medicines.MQuantity=0;
    DELETE FROM temp_purchase_order
    WHERE temp_purchase_order.MNAME=NEW.MNAME AND
temp_purchase_order.PO_NO=NEW.PO_NO;
END
```

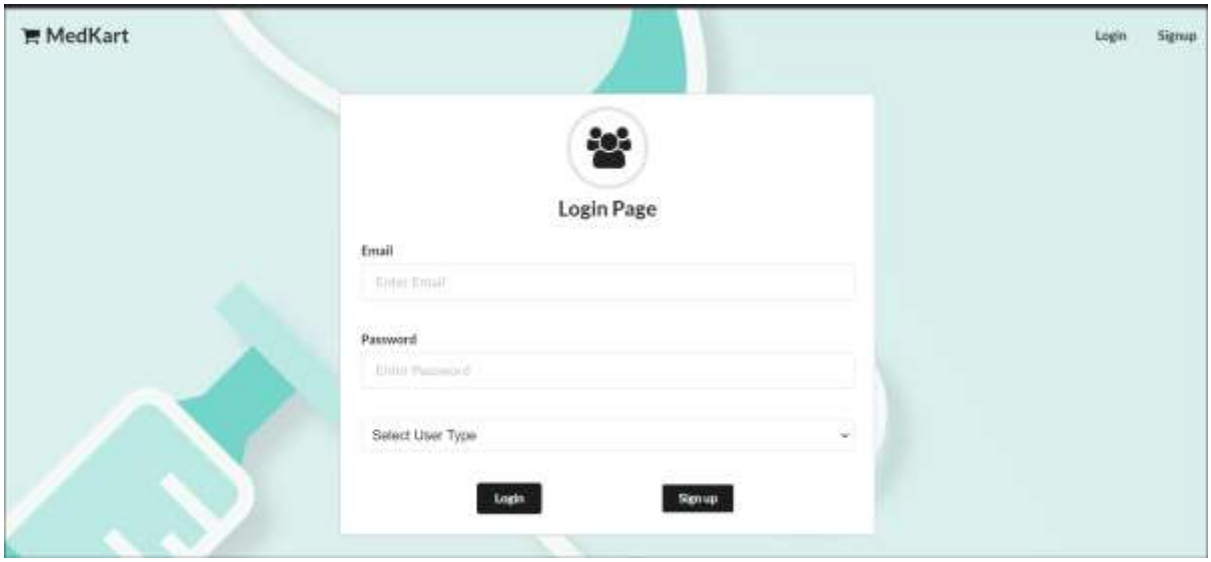
Definer root@localhost

PreLoader

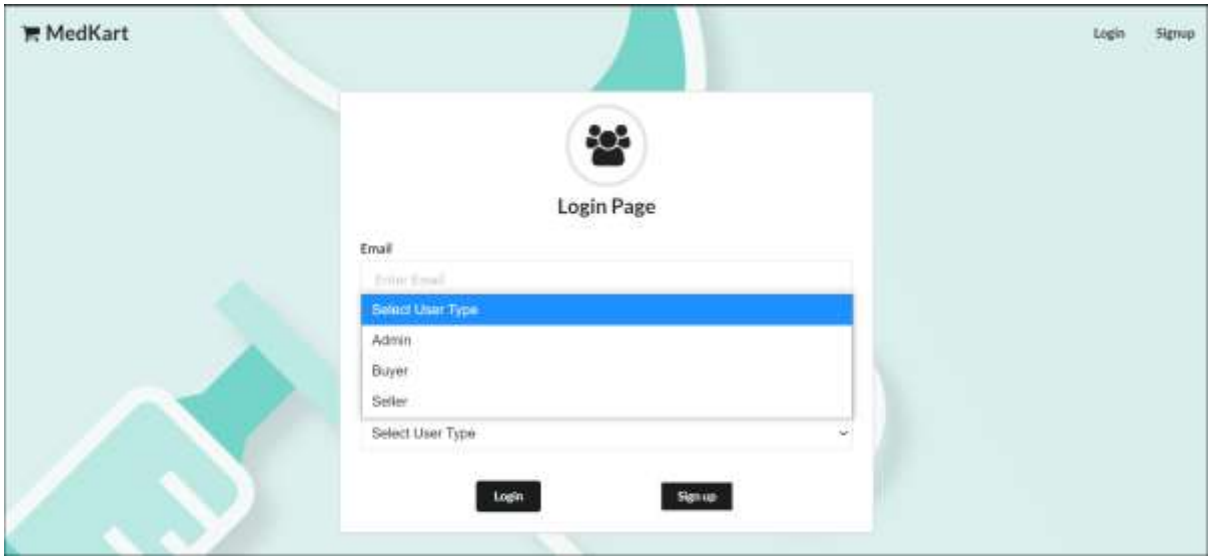
Preloading screen before loading the login page

Login page and signup page

This is the login page for all users – admin ,seller , buyer

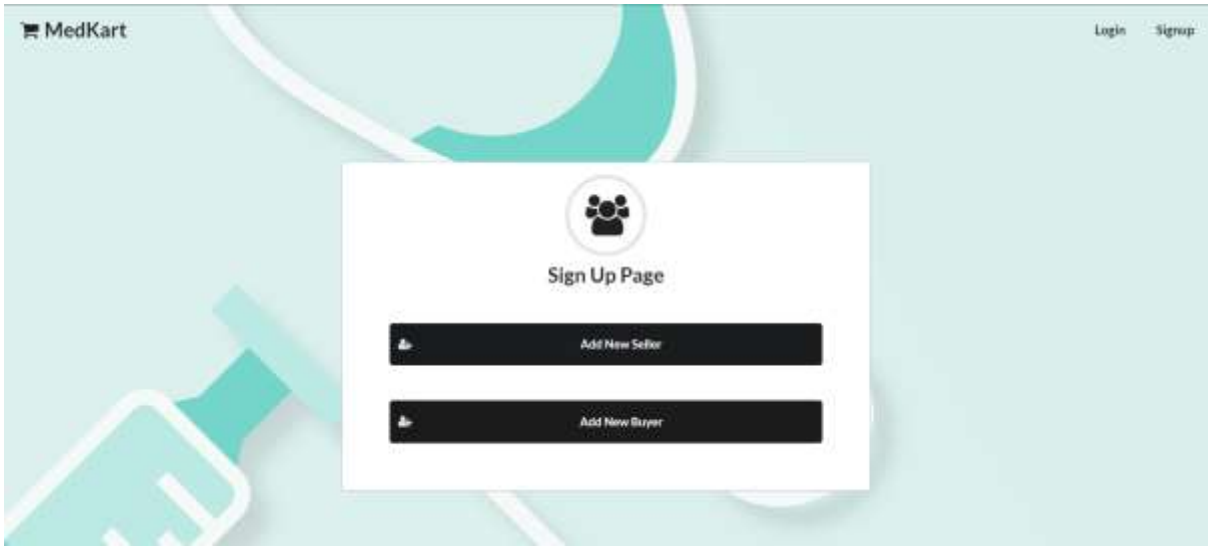


To login the user has to select the type(admin ..etc) and enter registered user email and user password.



If the user is not registered the signup page allows to register the buyer and seller

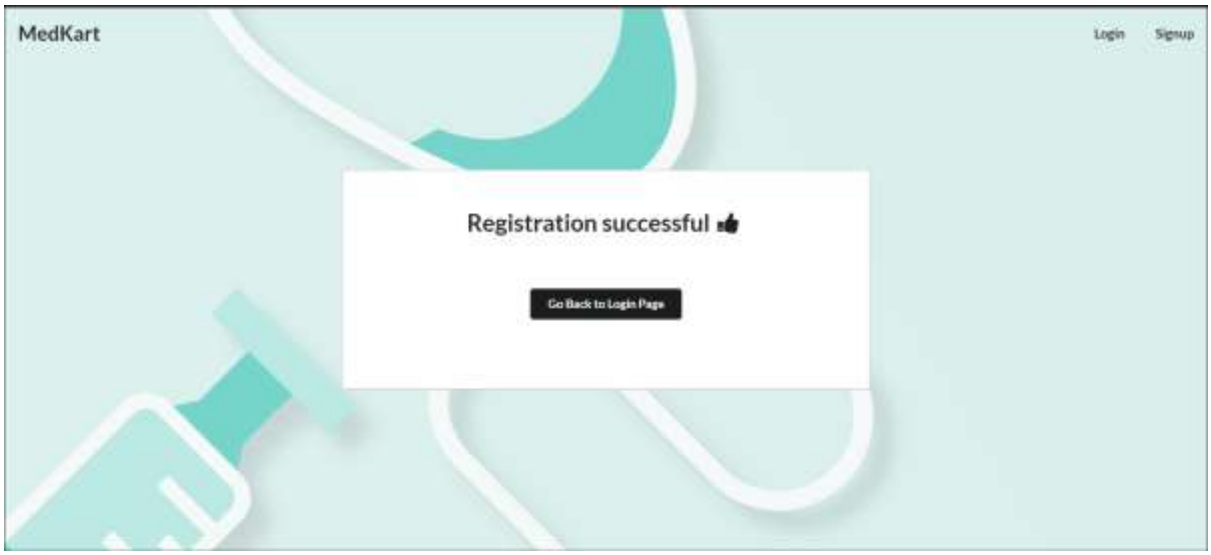
Signup page



Buyer registration form

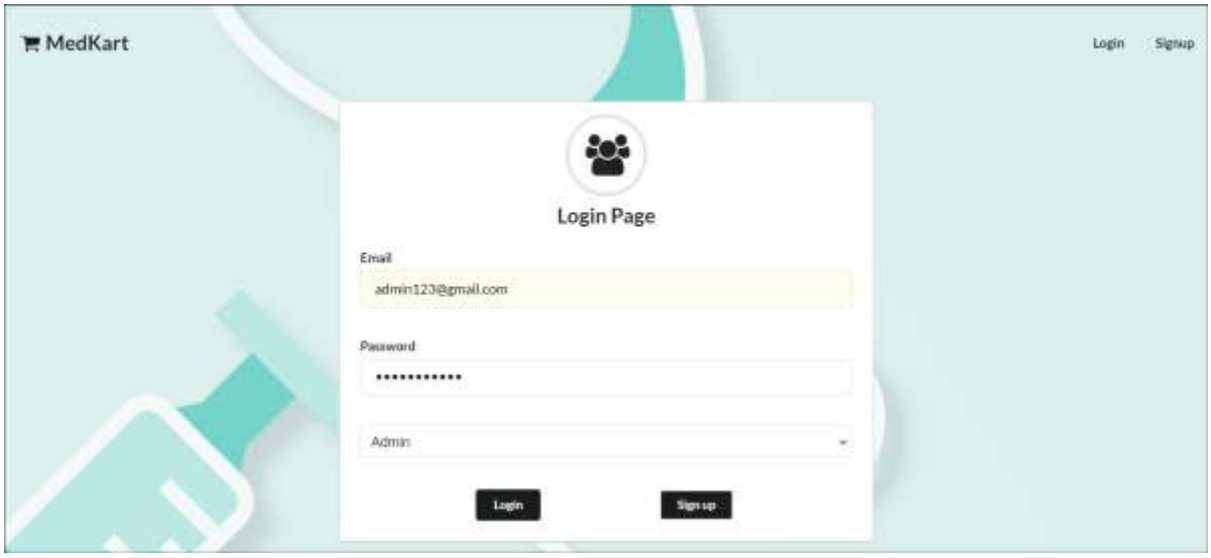
Seller registration form

After registration gets successful

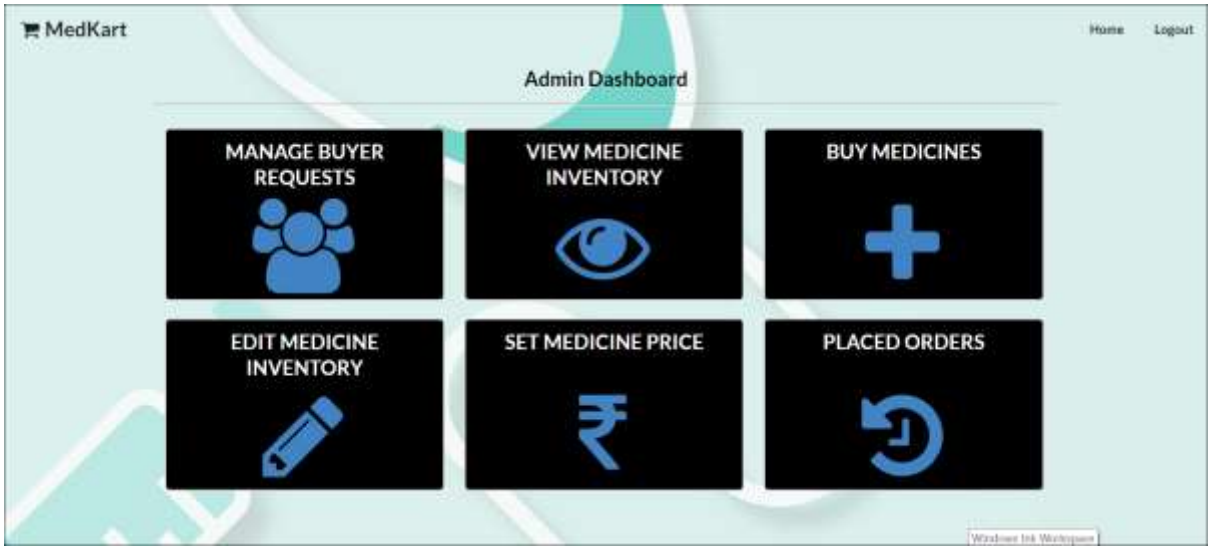


Admin pages

Logging in



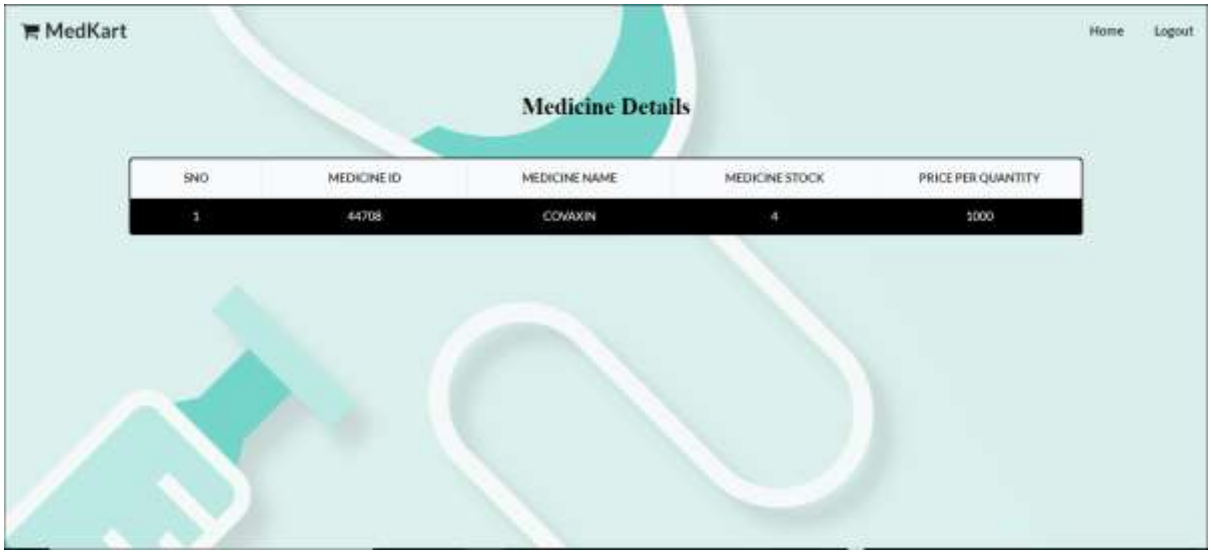
After logging in Admin Dashboard



Admin dashboard contains cards to manage and buy medicines from the seller

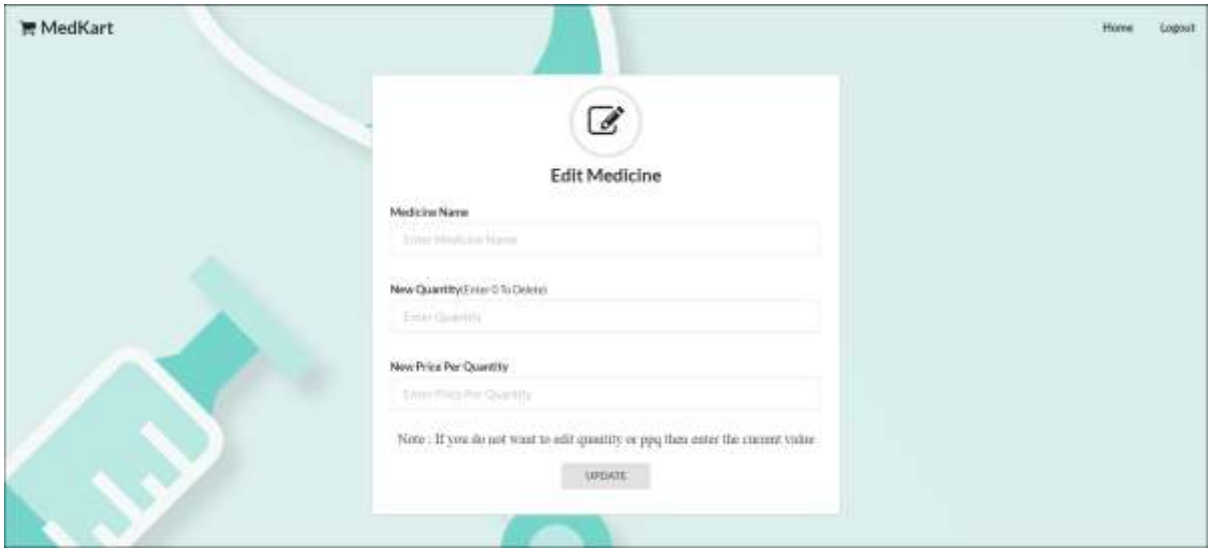
Medicine inventory page

In this page the details of the medicines available in pharmacy are shown



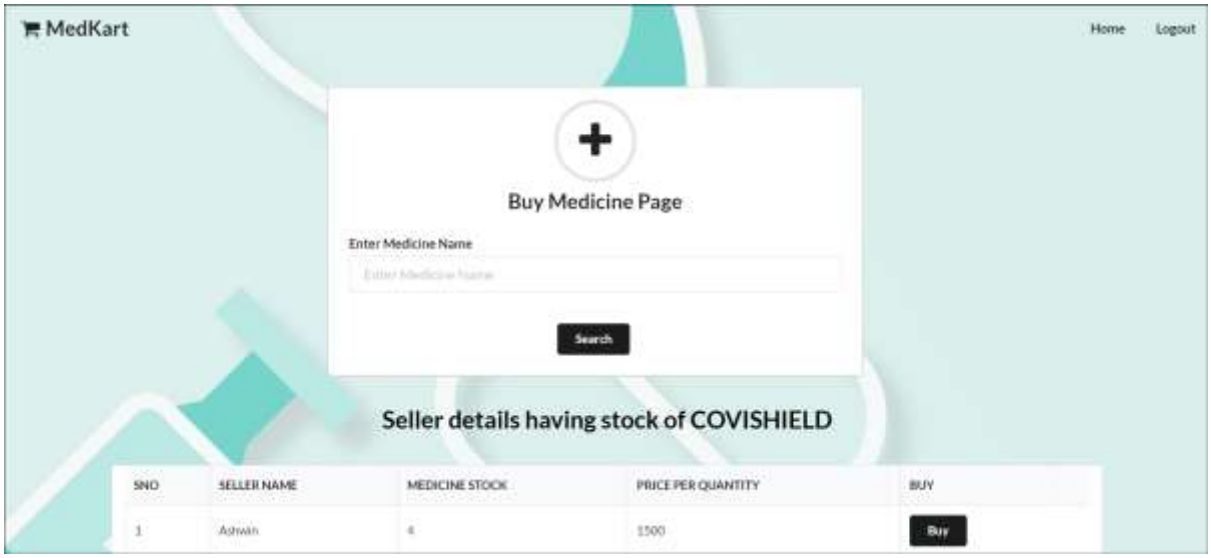
Here we can edit medicines or we can buy new medicines

Edit medicines



Buy medicines page

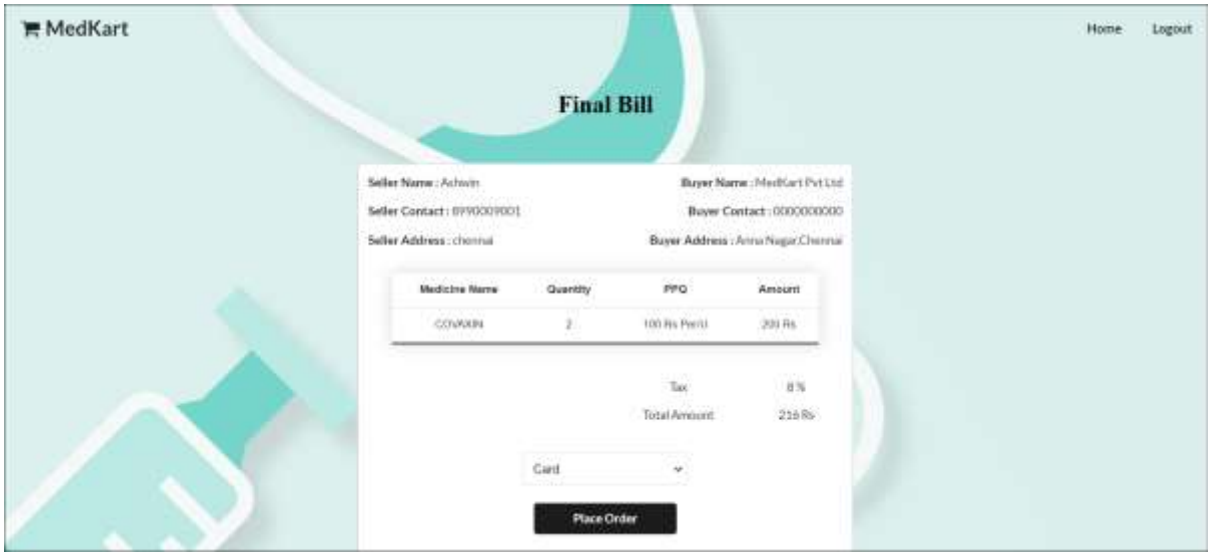
Admin searches the name of the medicine and buys from the seller directly



After buying

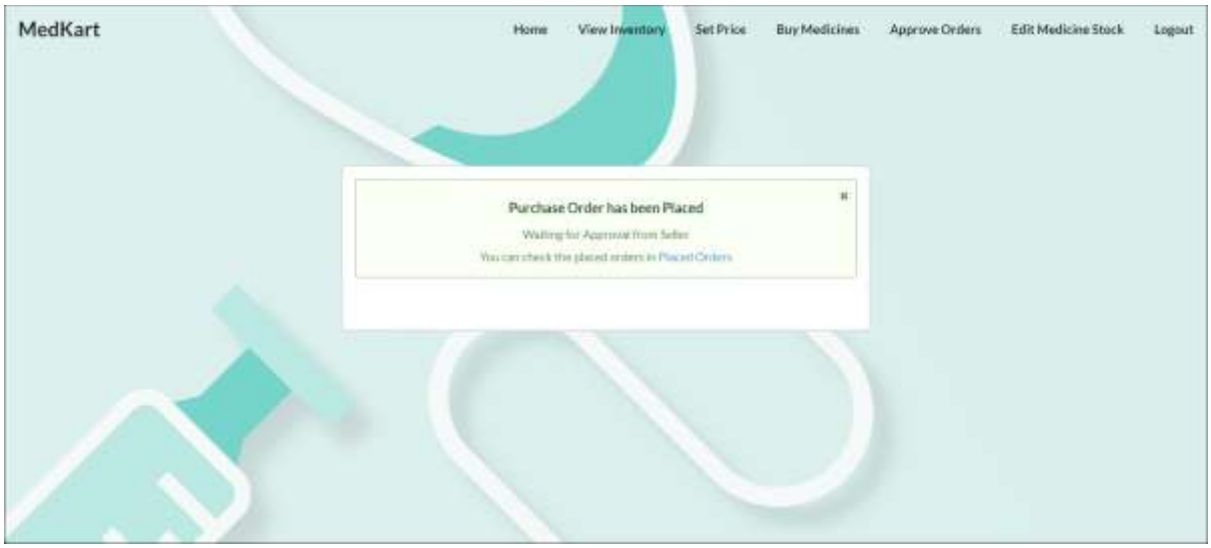
Preview of buying page is shown and here admin selects the quantity required.

After preview bill page is shown



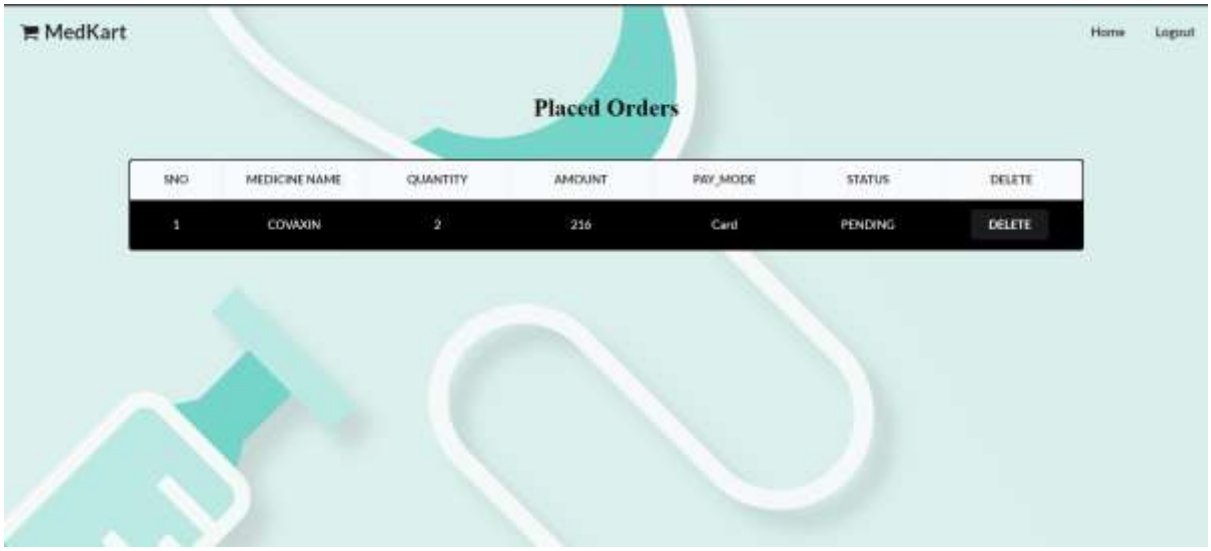
Here the admin selects the mode of payment and places order

After placing order we have to wait until seller accepts

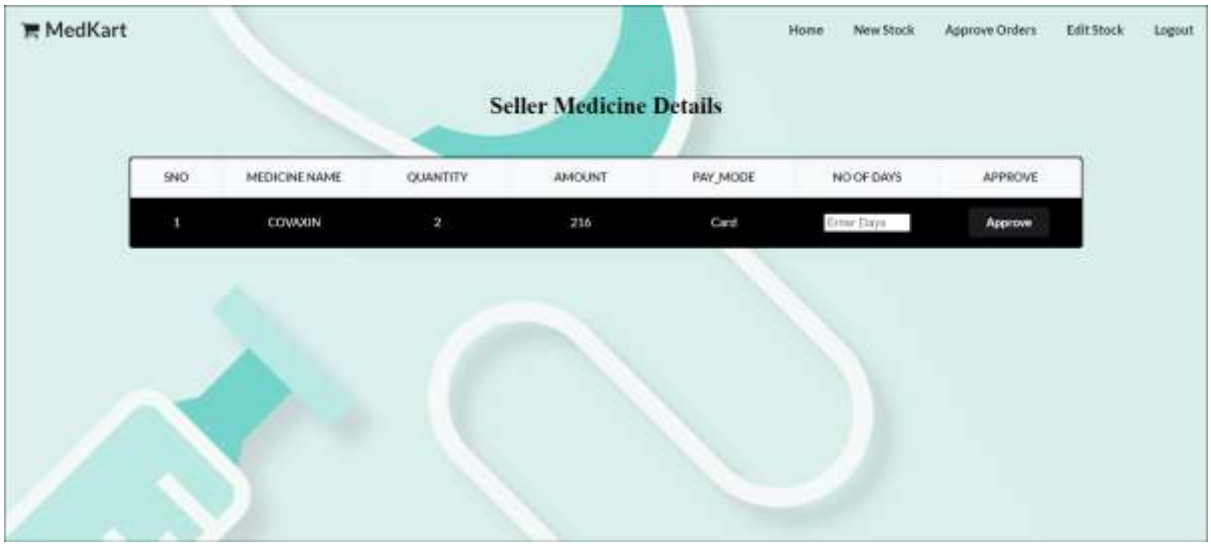


Placed orders page

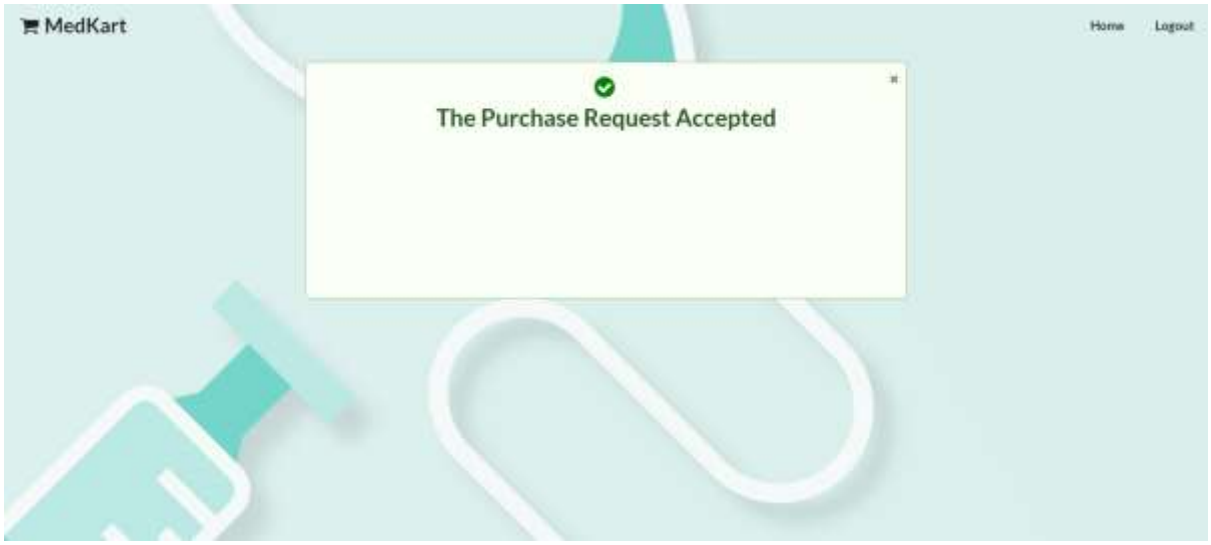
In this we can see placed orders and its status.



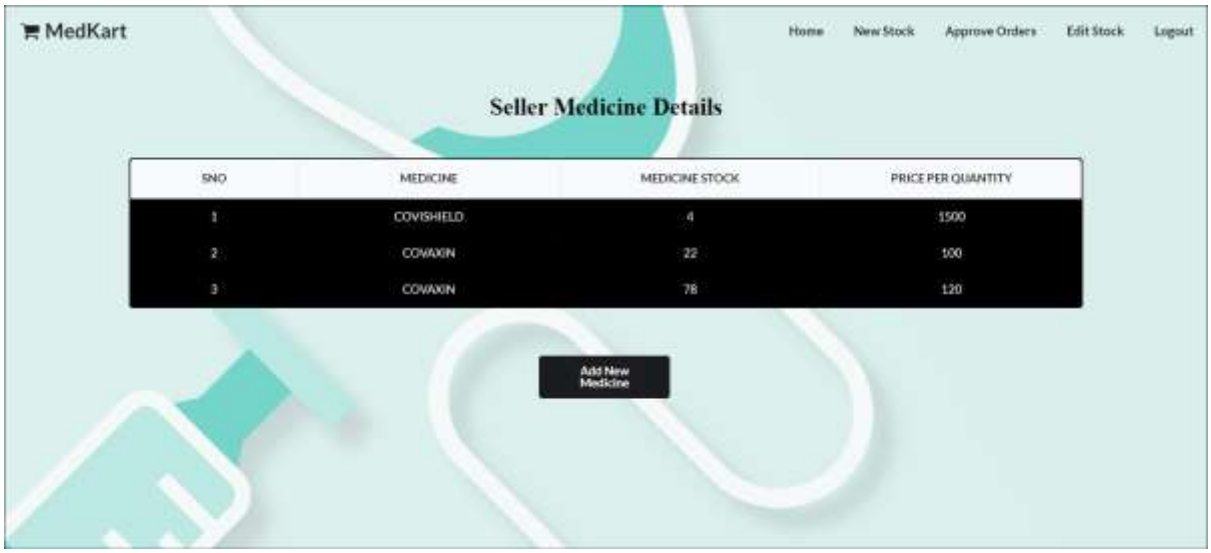
In seller page approve orders



After seller approves



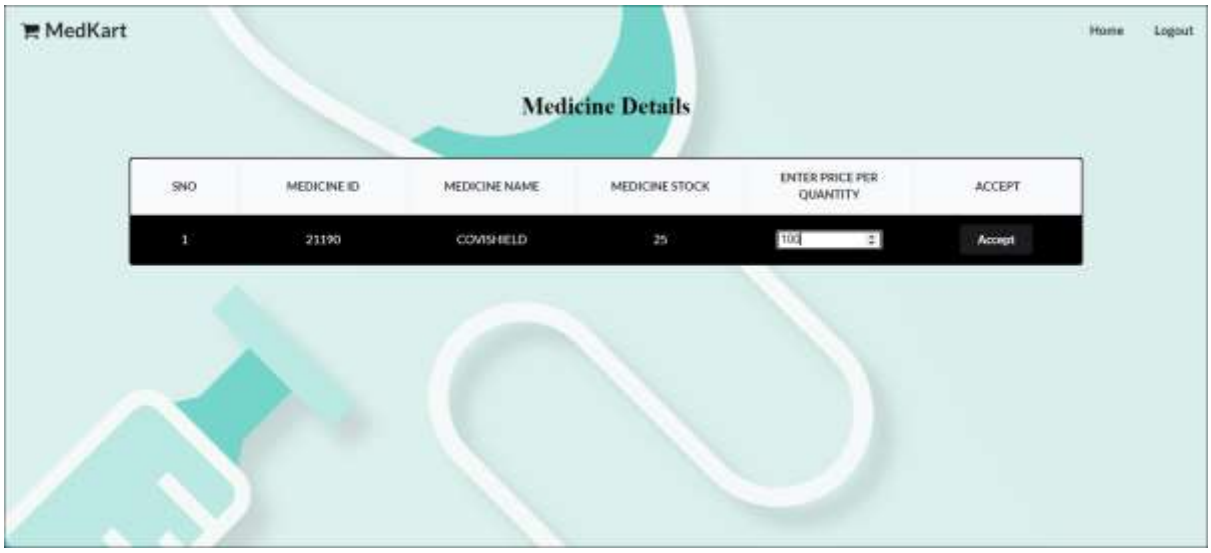
After approving the seller medicines quantity gets reduced



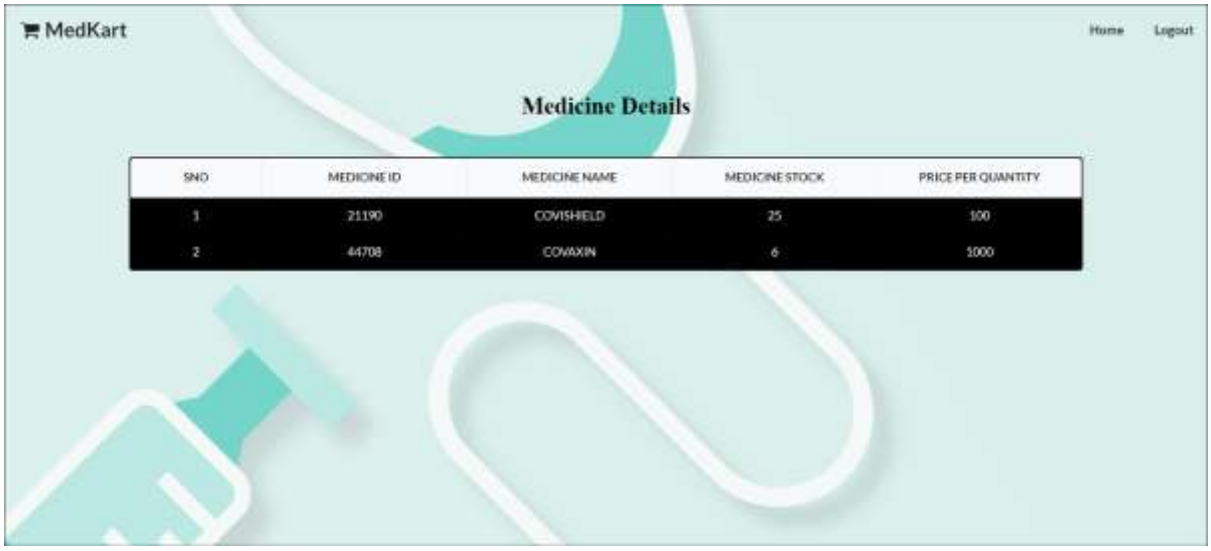
Or if he rejects

After seller accepts the order the admin receives the order

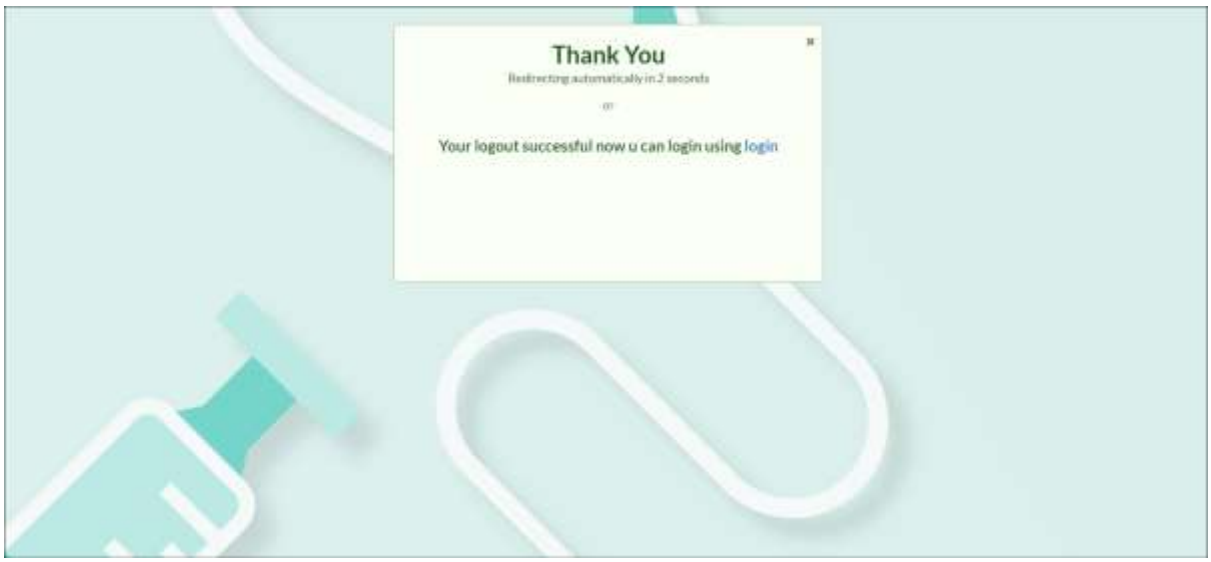
Admin has to set price for the medicine bought then it is added to medicine inventory if the price .



After price is set the inventory of pharmacy

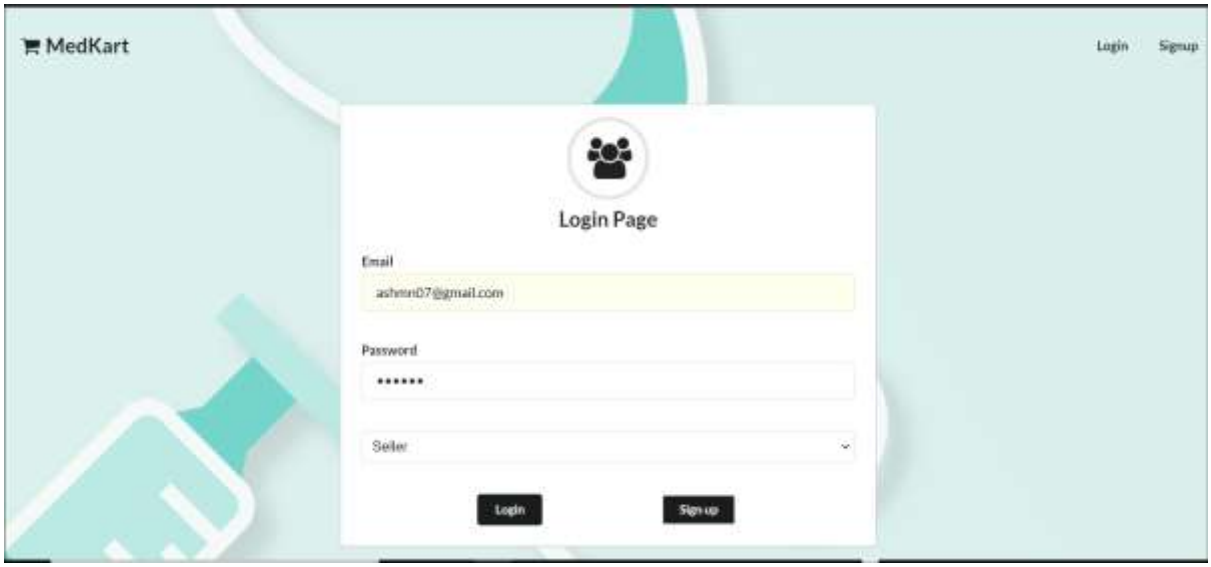


Logout

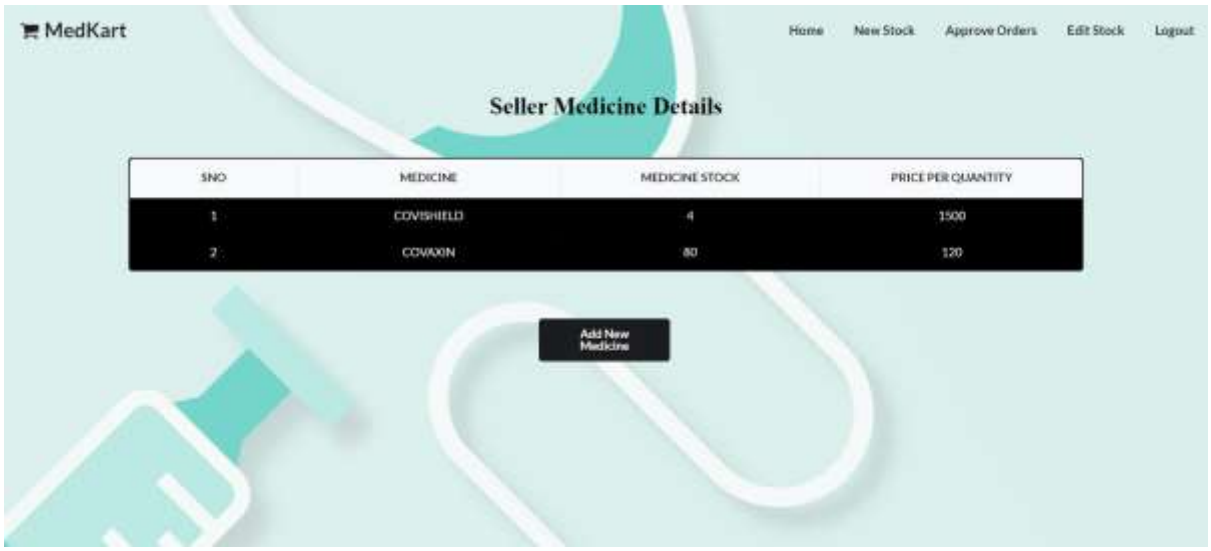


Seller Logging editing adding and logout

Login Page

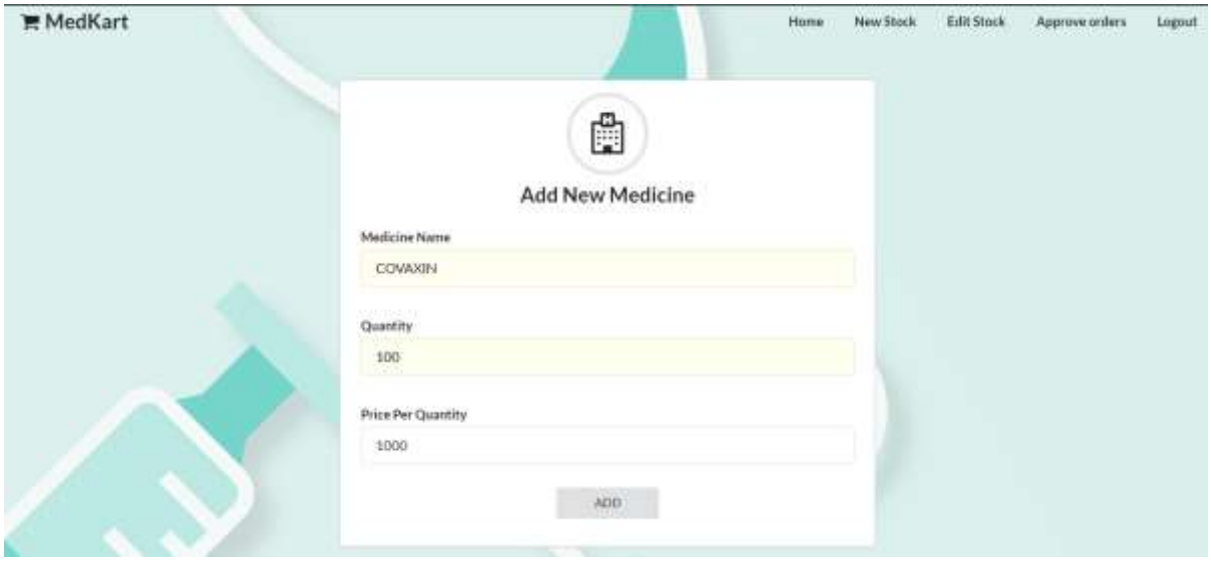


After Logging in correctly the page is redirected to seller home page



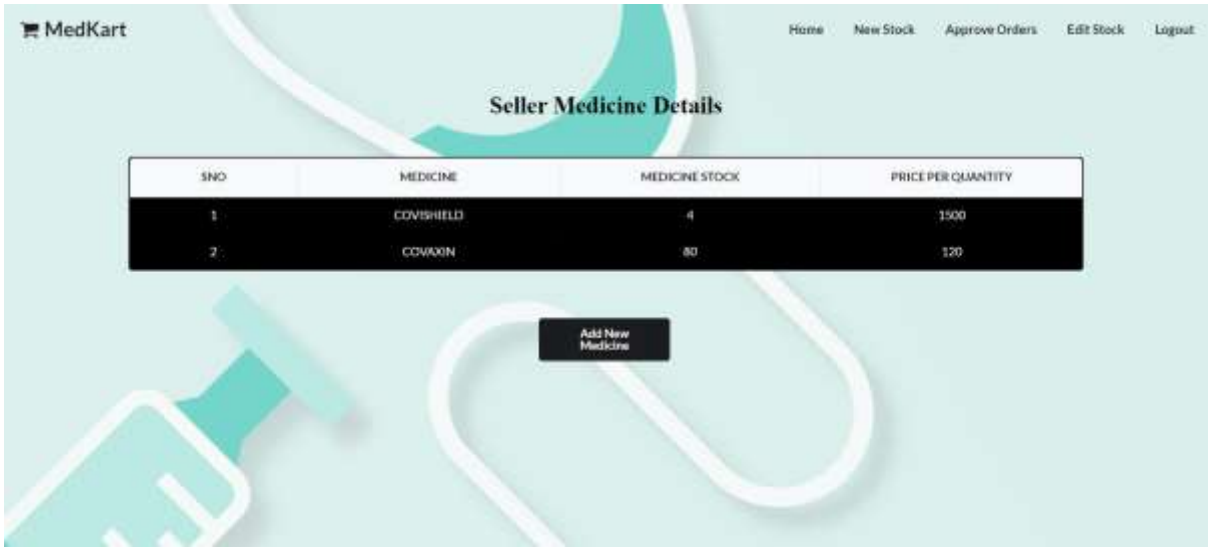
Seller Navbar contains quick links to each page adding new stock, Approving orders, editing and logging out from the session.

Adding medicines Page

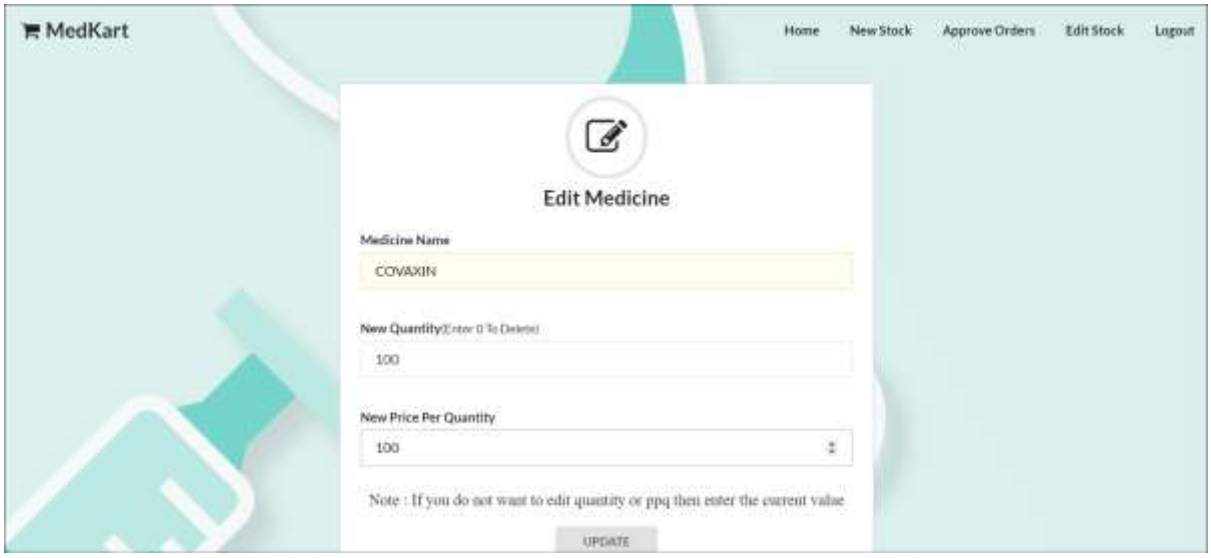


After adding the medicine

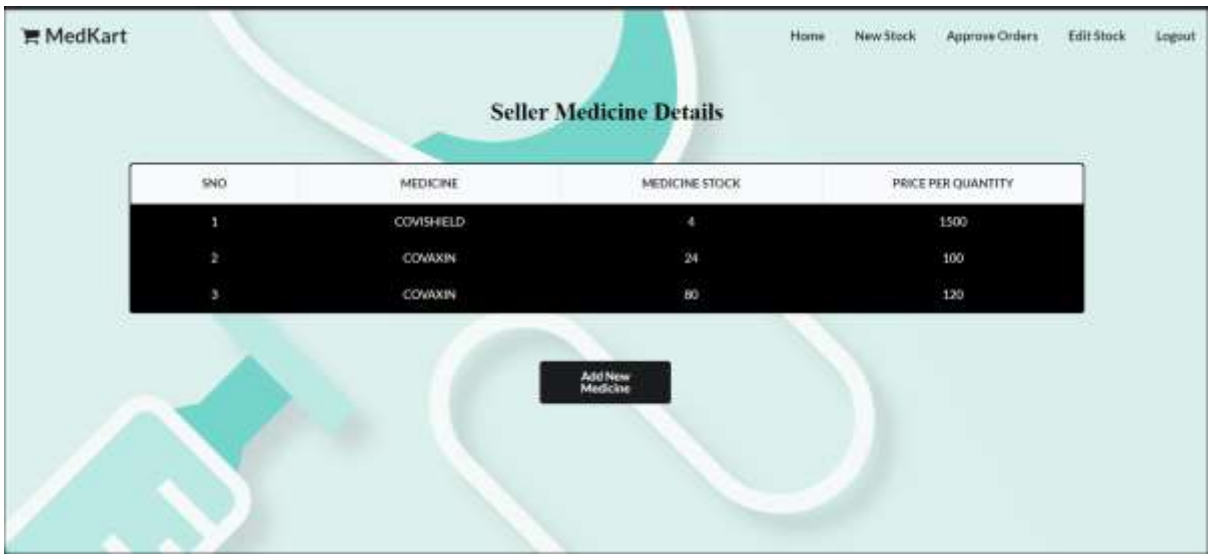
Seller home page



Editing medicine



After editing medicine seller home page

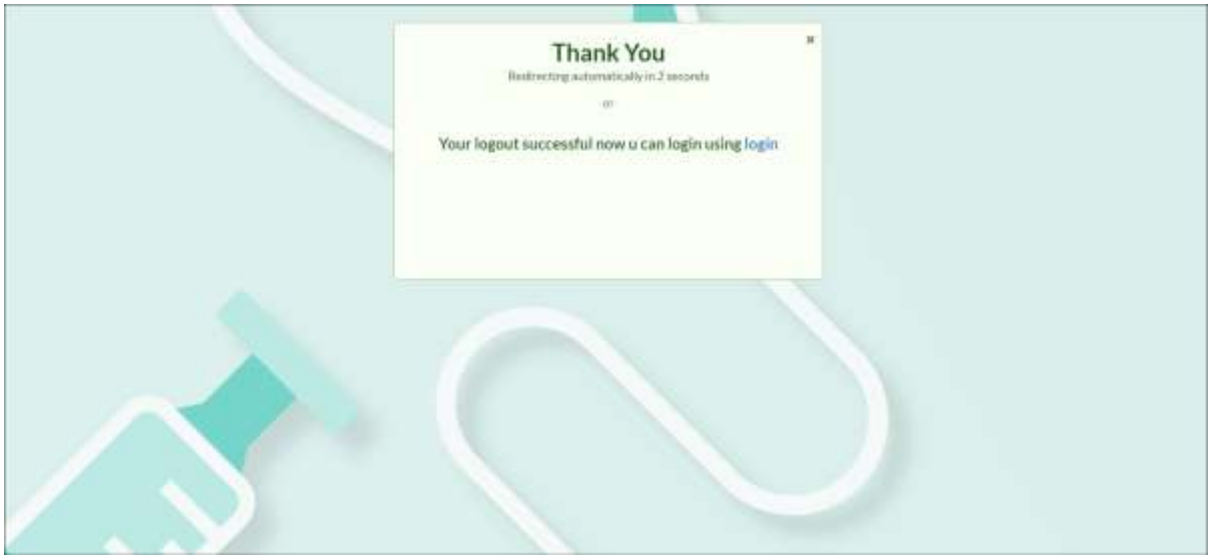


Approve order page

When the admin buys the medicine the approve orders are shown in the page

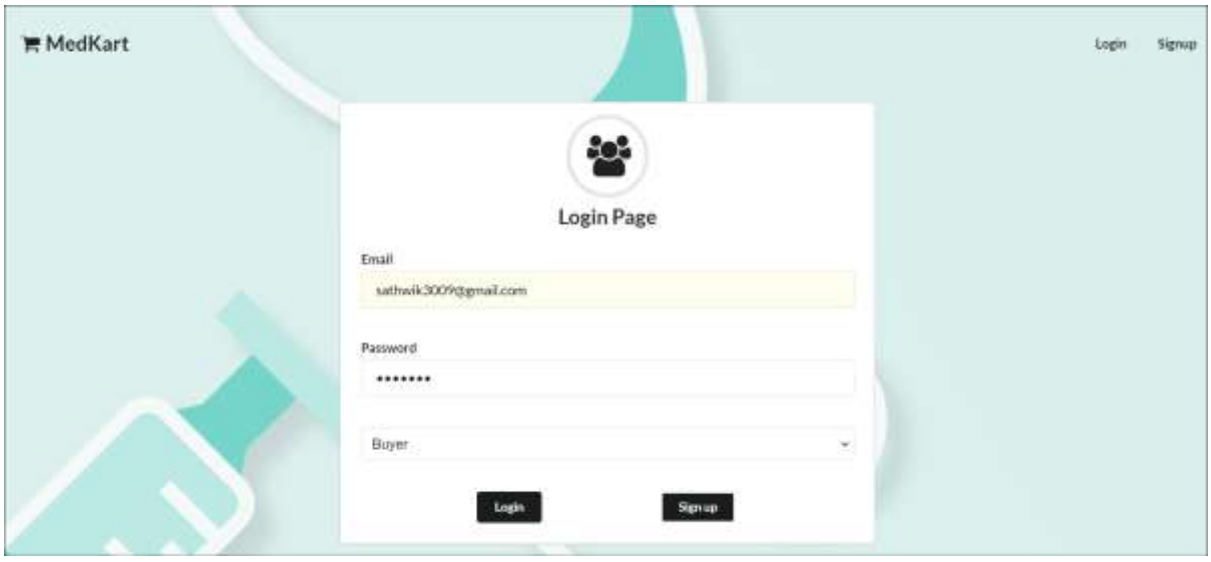
Logout page

The page automatically redirects to home page after 3 seconds or user can click on login link below to go to home page

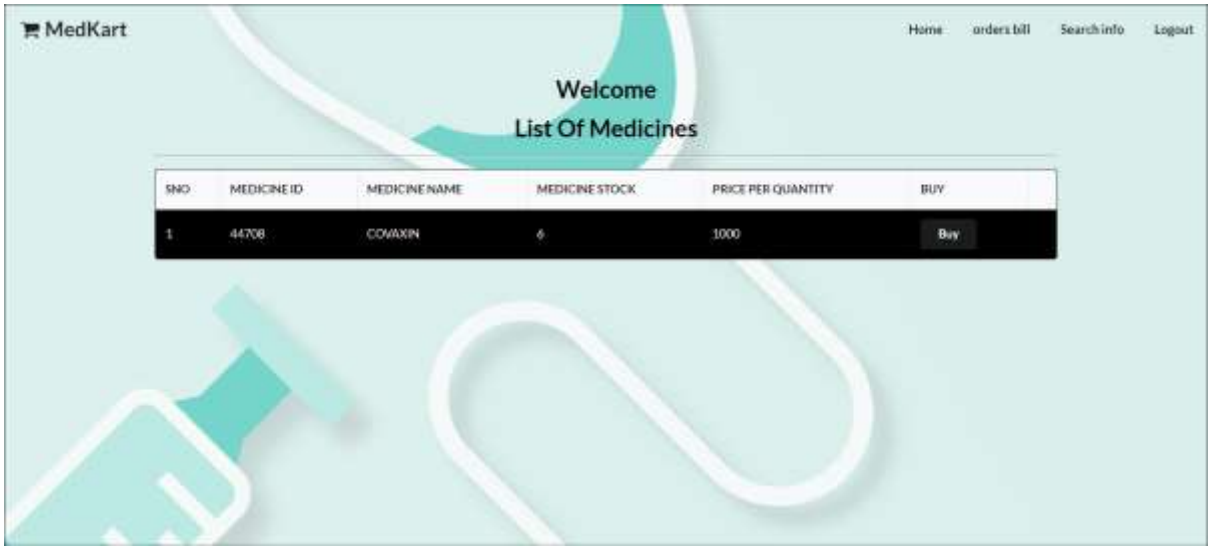


Buyer Pages

Login



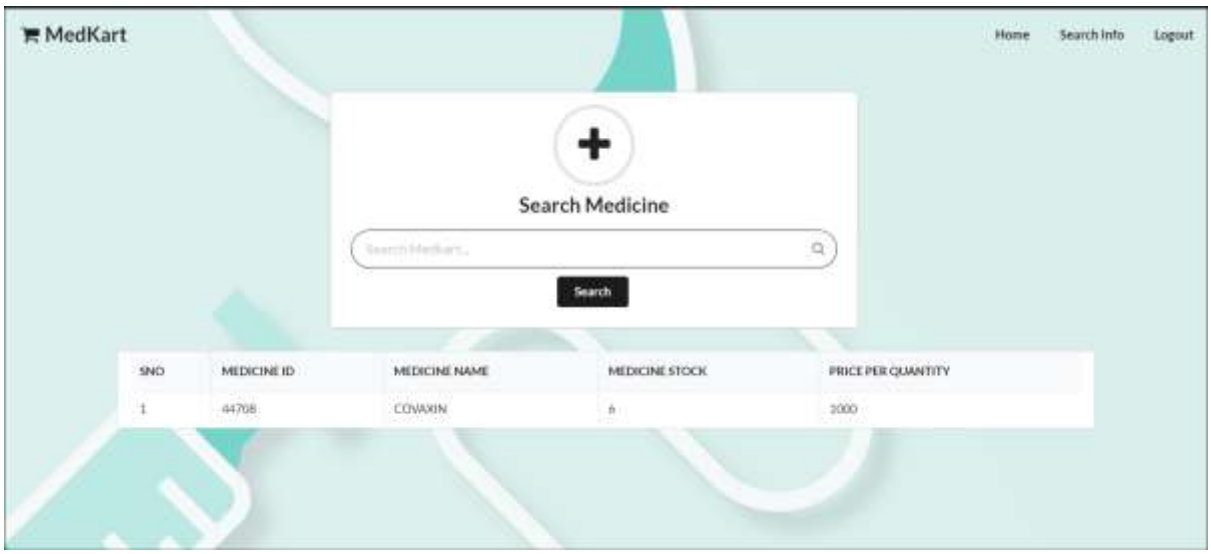
After logging in Buyer Home page



Navbar contains confirmed orders ,search info, placed orders links

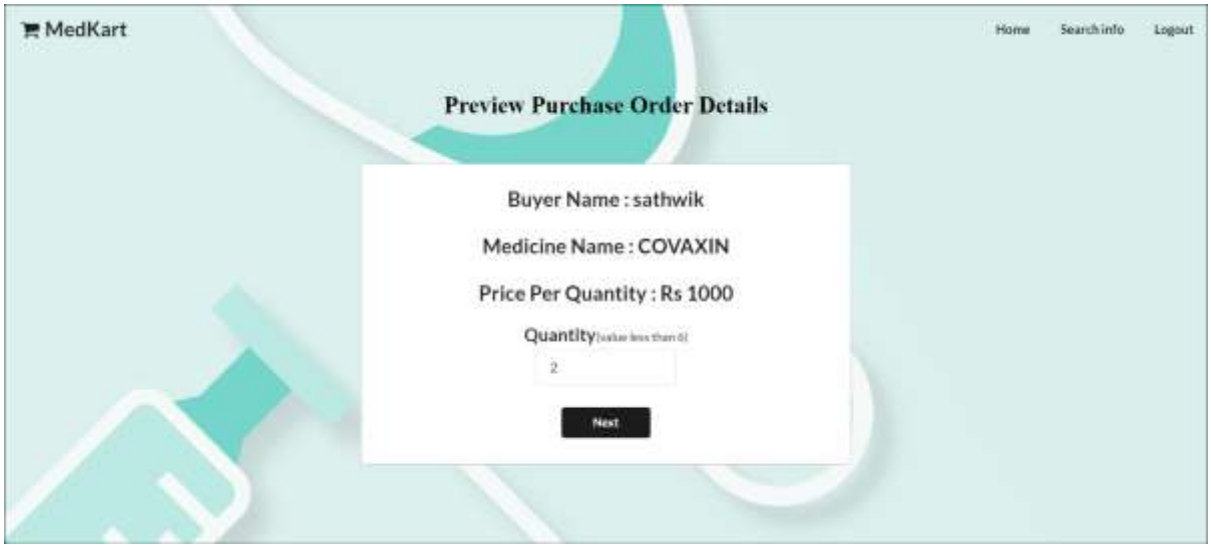
Search info

This is just a searching tab that shows the data of medicine

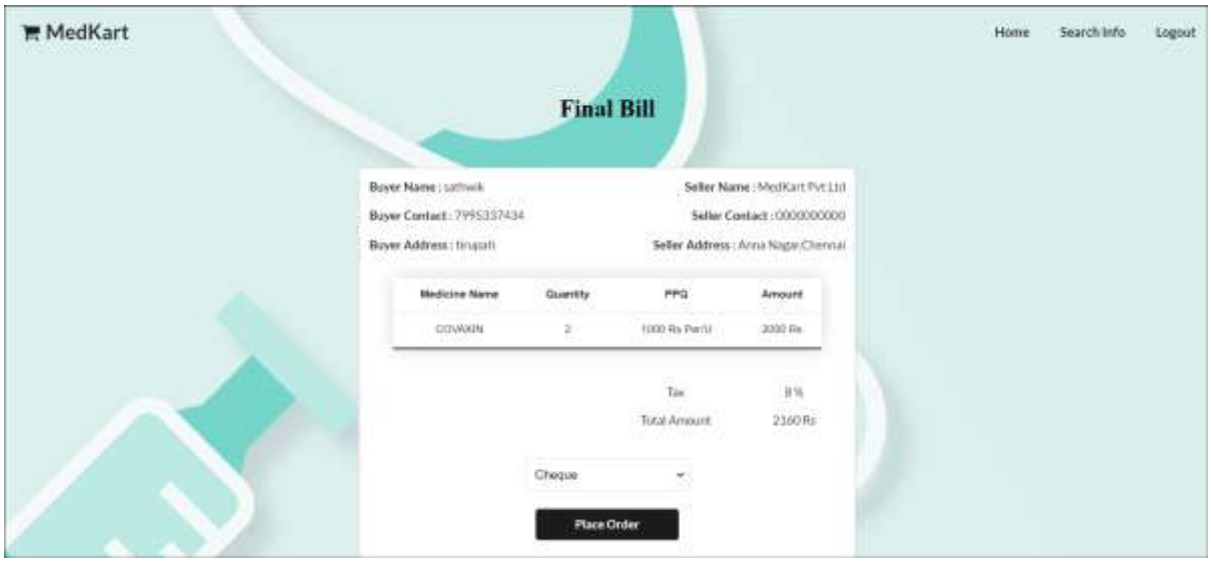


After buying in buyer home page

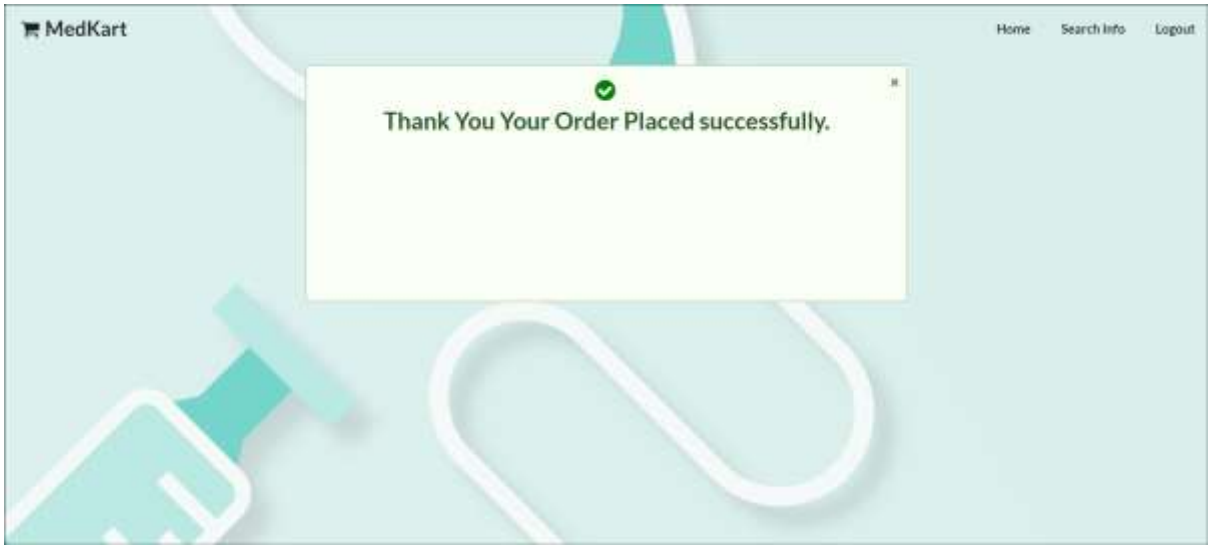
Previewing buying page



After selecting quantity bill page



After selecting mode of payment and place order

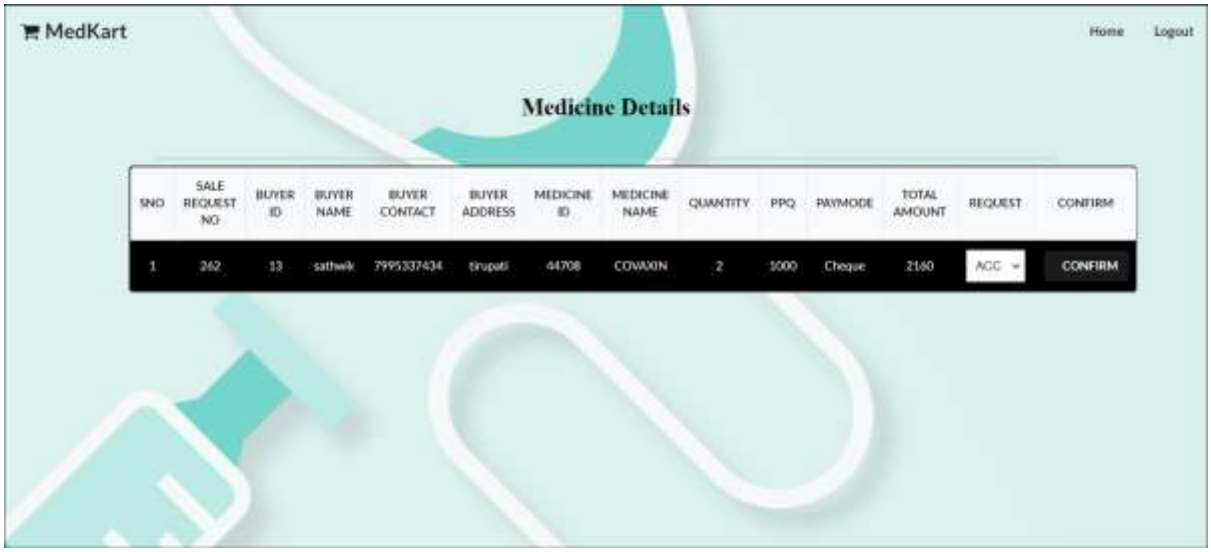


We can check placed orders in placed orders

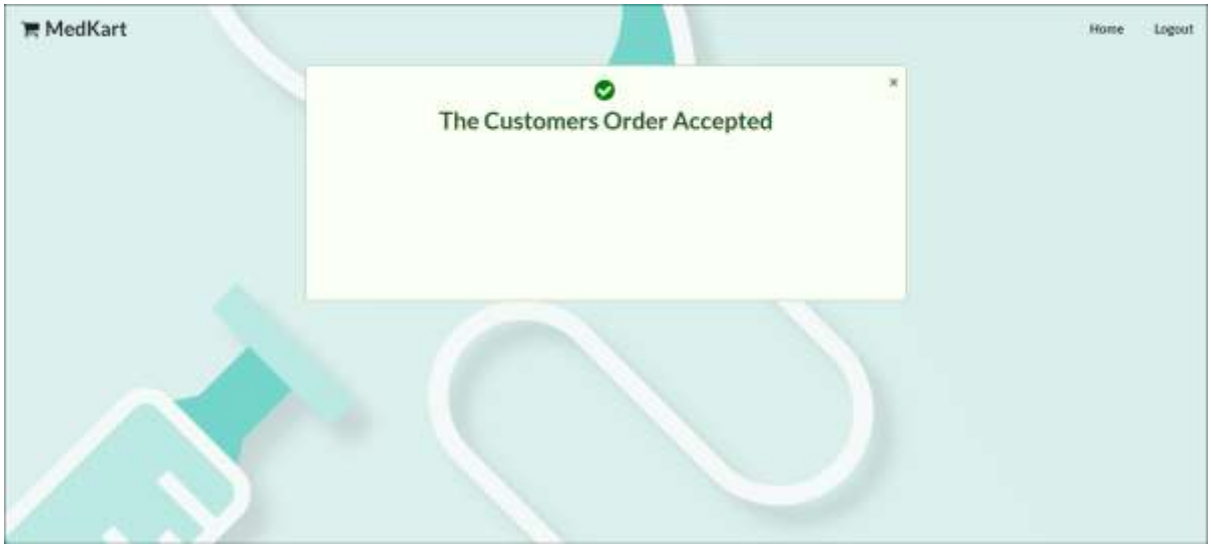
After buying the medicine buyer has to wait until the order is accepted by admin

Admin page for buyer accepting

Approving order



If accepted

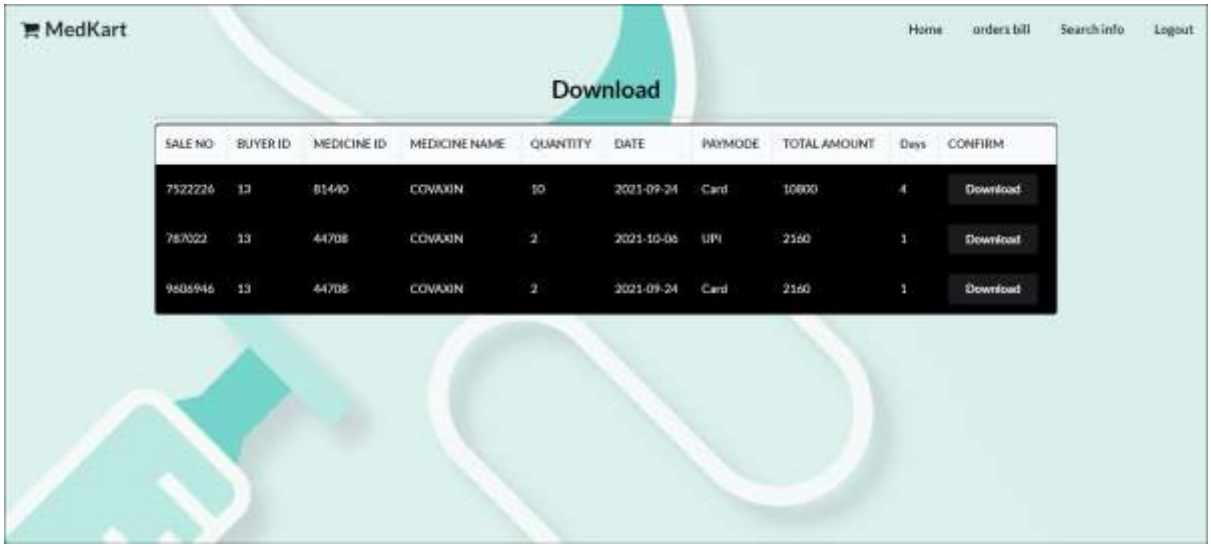


Or if rejected

After approving in buyer page

The buyer can download the bill

Confirmed orders



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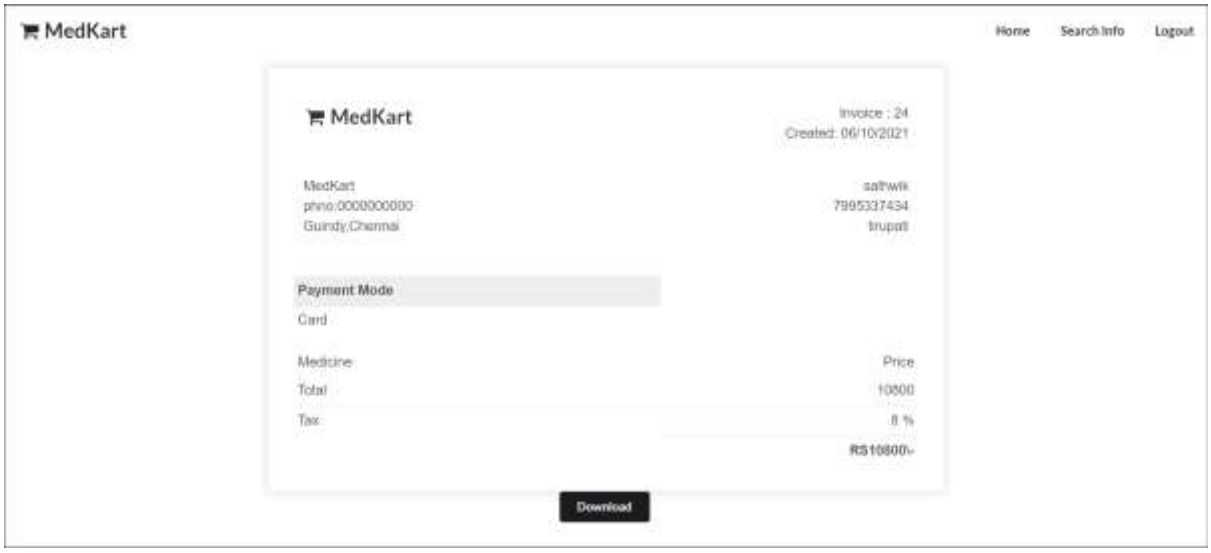
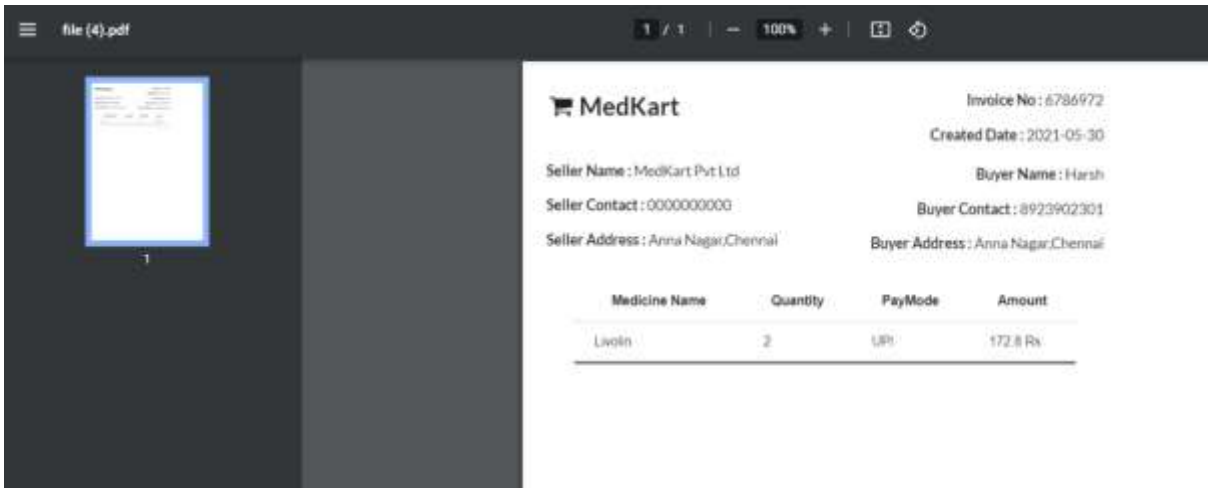
After download in pdf