

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
<input type="checkbox"/>	1 Buyer_Name	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	2 Buyer_ID	varchar(5)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	3 Buyer_Email	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	4 Buyer_Password	varchar(25)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	5 Buyer_Address	varchar(80)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	6 Buyer_Contact	decimal(10,0)			No	None			Change Drop More
<input type="checkbox"/>	7 Buyer_JoinDate	timestamp			No	current_timestamp()			Change Drop More

Seller

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

Seller_medicines

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

temp_sale_order

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 SONO	varchar(7)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	2 SID	varchar(5)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	3 SNAME	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	4 BCONTACT	decimal(10,0)			No	None			Change Drop More
<input type="checkbox"/>	5 BADDRESS	varchar(80)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	6 MNAME	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	7 MQUANTITY	int(11)			No	None			Change Drop More
<input type="checkbox"/>	8 AMOUNT	float			No	None			Change Drop More
<input type="checkbox"/>	9 PAY_MODE	varchar(25)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	10 BUY_DATE	date			No	current_timestamp()			Change Drop More
<input type="checkbox"/>	11 STATUS	varchar(20)	utf8mb4_general_ci		No	PENDING			Change Drop More

temp_purchase_order

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

Sale_order

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	SONO	varchar(7)	utf8mb4_general_ci	No	None			Change Drop More
<input type="checkbox"/>	2	BID	varchar(5)	utf8mb4_general_ci	No	None			Change Drop More
<input type="checkbox"/>	3	SNAME	varchar(30)	utf8mb4_general_ci	No	None			Change Drop More
<input type="checkbox"/>	4	SCONTACT	datetime(11, 1)		No	None			Change Drop More
<input type="checkbox"/>	5	SADDRESS	varchar(30)	utf8mb4_general_ci	No	None			Change Drop More
<input type="checkbox"/>	6	MNAME	varchar(30)	utf8mb4_general_ci	No	None			Change Drop More
<input type="checkbox"/>	7	MQANTITY	int(11)		No	None			Change Drop More
<input type="checkbox"/>	8	AMOUNT	float		No	None			Change Drop More
<input type="checkbox"/>	9	PAY_MODE	varchar(20)	utf8mb4_general_ci	No	None			Change Drop More
<input type="checkbox"/>	10	BUY_DATE	date		No	current_timestamp()			Change Drop More
<input type="checkbox"/>	11	DAYS_NO	int(11)		No	None			Change Drop More

Purchase_order

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

☐ Check all ☐ With selected Browse Change Drop Primary Unique Index Spatial Fulltext Add to central column

Medicine_inventory

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	MID	varchar(7)	utf8mb4_general_ci	No	None			Change Drop More
<input type="checkbox"/>	2	MName	varchar(30)	utf8mb4_general_ci	No	None			Change Drop More
<input type="checkbox"/>	3	MQuantity	int(11)		No	None			Change Drop More
<input type="checkbox"/>	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.

Details

Trigger name	update_buyers	
Table	sale_order	▼
Time	BEFORE	▼
Event	INSERT	▼
Definition	<pre> 1 BEGIN 2 UPDATE medicine_inventory 3 SET medicine_inventory.MQuantity=medicine_inventory.MQuantity- NEW.MQUANTITY 4 WHERE medicine_inventory.MName=NEW.MNAME; 5 6 DELETE FROM temp_sale_order 7 WHERE temp_sale_order.MNAME=NEW.MNAME AND temp_sale_order.SONO=NEW.SONO; 8 9 DELETE FROM medicine_inventory 10 WHERE medicine_inventory.MQuantity=0; 11 12 END </pre>	
Definer	root@localhost	

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

Table

Time

Event

Definition

```
1 BEGIN
2   IF NEW.MNAME not in (
3       select medicine_inventory.MName
4       From medicine_inventory
5   ) THEN
6       INSERT INTO medicine_inventory (MID,MNAME,MQUANTITY) VALUES
7       (NEW.PO_NO,NEW.MNAME,NEW.MQUANTITY);
8   ELSE
9       UPDATE medicine_inventory
10      SET
11      medicine_inventory.MQuantity=medicine_inventory.MQuantity+NEW.MQUANTITY
12      WHERE medicine_inventory.MName=NEW.MNAME;
13   END IF;
```

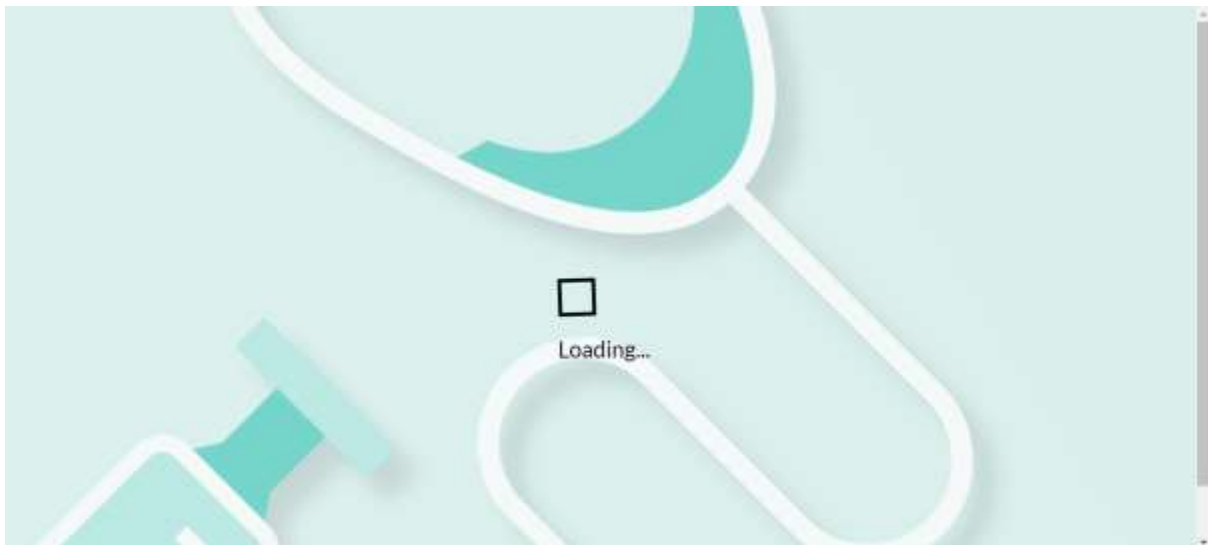
Definition

```
14
15
16   UPDATE seller_medicines
17   SET seller_medicines.MQuantity=seller_medicines.MQuantity-
18   NEW.MQUANTITY WHERE seller_medicines.S_ID=NEW.S_ID AND
19   seller_medicines.MName=NEW.MNAME;
20
21   DELETE FROM seller_medicines WHERE seller_medicines.MQuantity=0;
22   DELETE FROM temp_purchase_order
23   WHERE temp_purchase_order.MNAME=NEW.MNAME AND
24   temp_purchase_order.PO_NO=NEW.PO_NO;
25 END
```

Definer

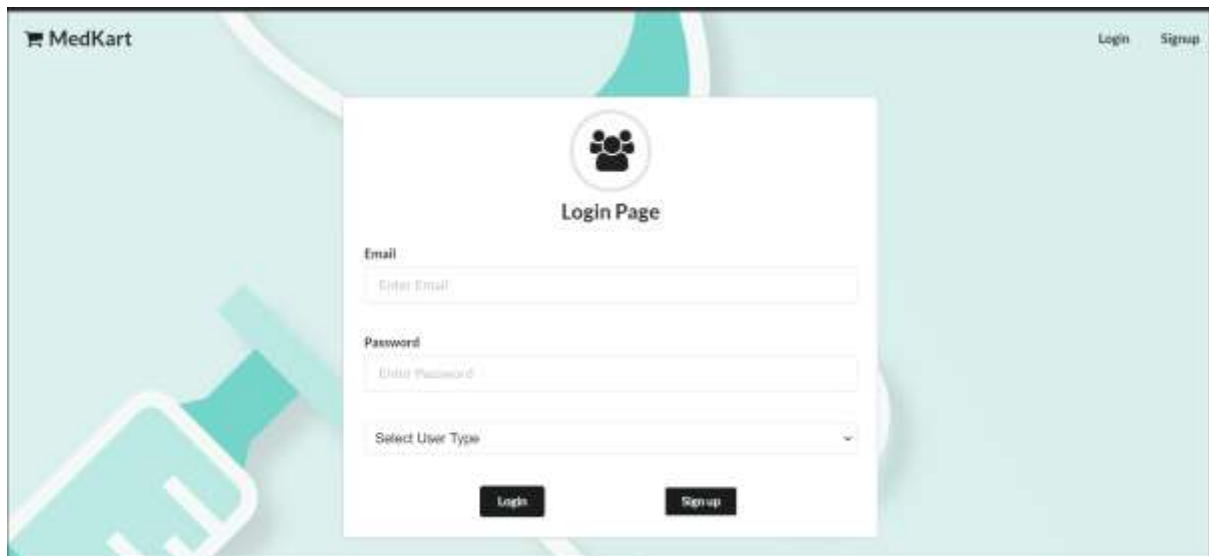
PreLoader

Preloading screen before loading the login page



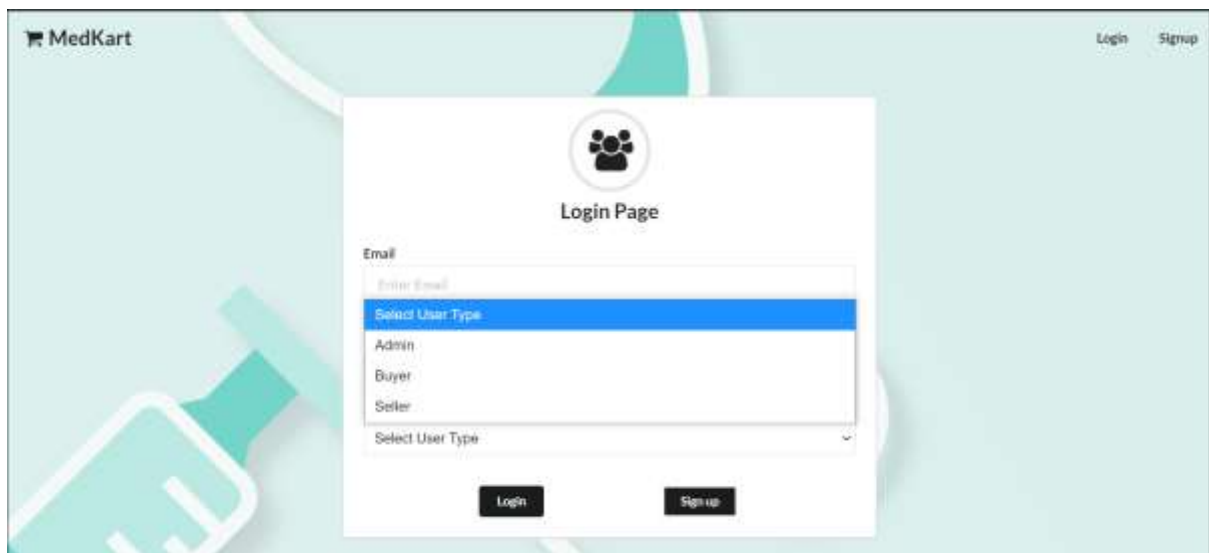
Login page and signup page

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



The image shows the MedKart Login Page. At the top left is the MedKart logo, and at the top right are links for 'Login' and 'Signup'. The main content area is a white box with a circular icon of three people at the top, followed by the title 'Login Page'. Below the title are three input fields: 'Email' with a placeholder 'Enter Email', 'Password' with a placeholder 'Enter Password', and a 'Select User Type' dropdown menu. At the bottom of the box are two buttons: 'Login' and 'Signup'.

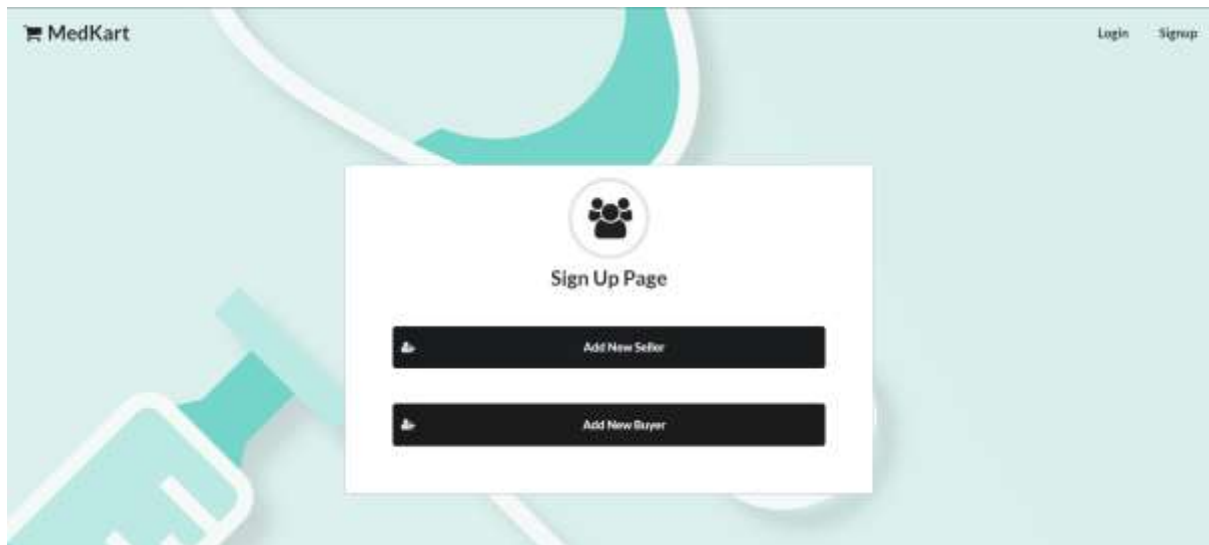
To login the user has to select the type(admin ..etc) and enter registered user email and user password.



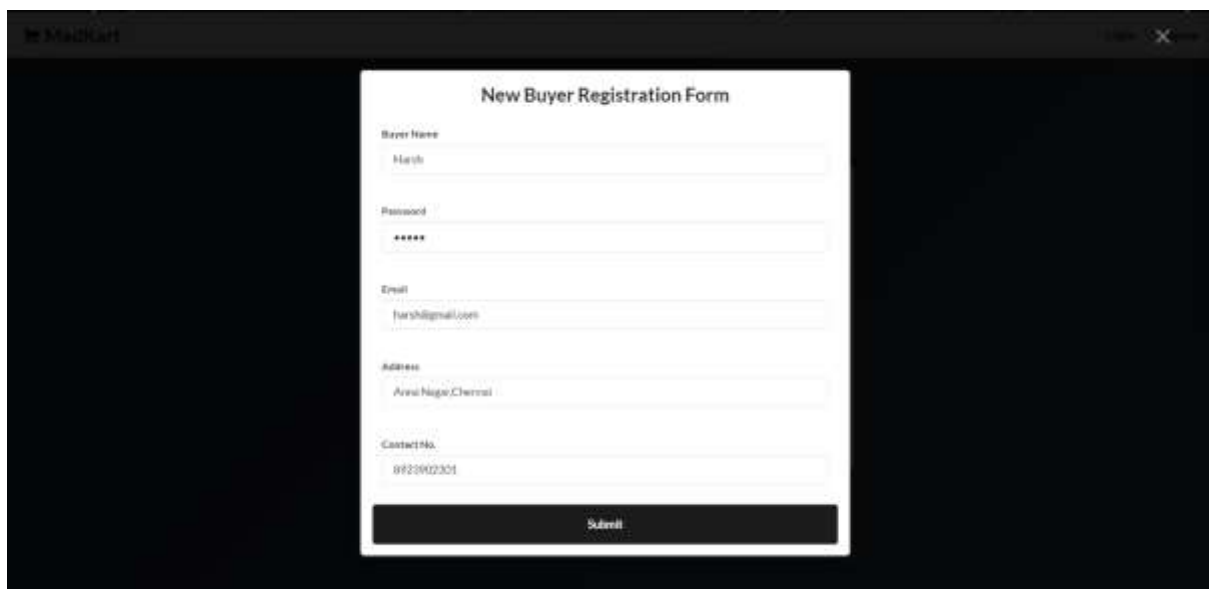
This image shows the same MedKart Login Page, but with the 'Select User Type' dropdown menu open. The dropdown list is visible, showing three options: 'Admin', 'Buyer', and 'Seller'. The 'Select User Type' text is repeated at the bottom of the dropdown list. The 'Login' and 'Signup' buttons remain at the bottom of the white box.

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

Signup page



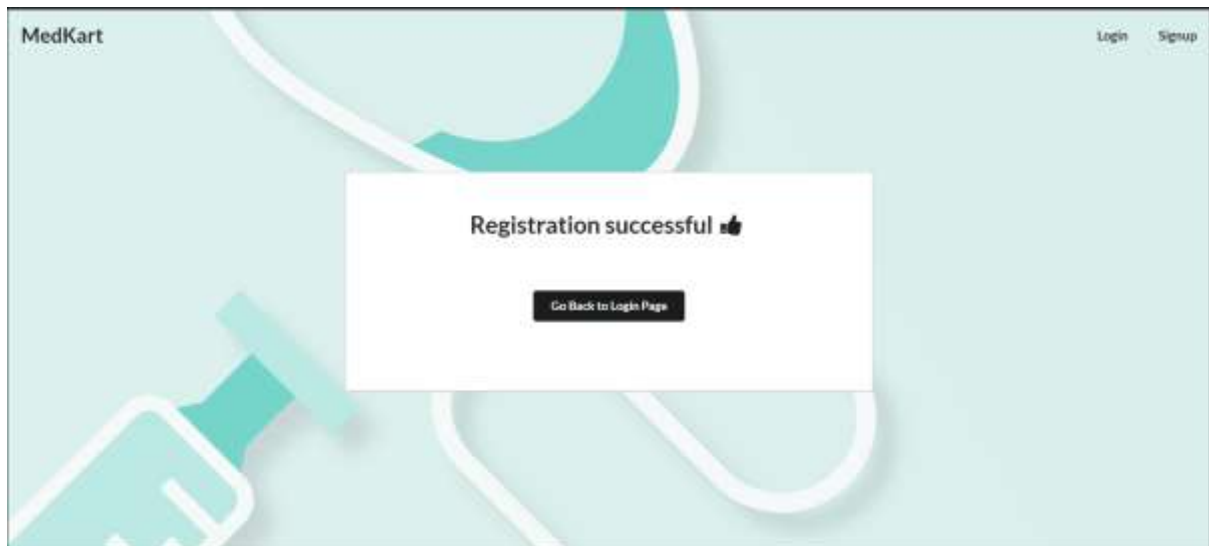
Buyer registration form

The image displays the 'New Buyer Registration Form' within a dark-themed application window. The form is a white rectangular box with the title 'New Buyer Registration Form' at the top. It contains several input fields: 'Buyer Name' with the value 'Harsh', 'Password' with masked characters '*****', 'Email' with the value 'harsh45@gmail.com', 'Address' with the value 'Arun Nagar, Chennai', and 'Contact No.' with the value '9820023201'. A black 'Submit' button is located at the bottom of the form.

Seller registration form

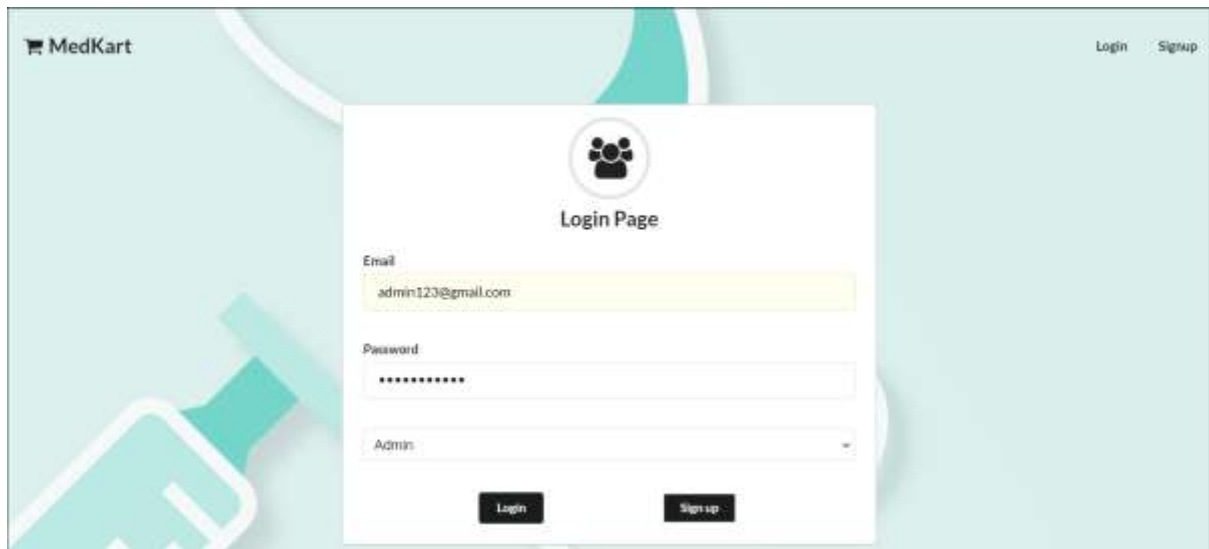
The screenshot shows a web browser window with the MedKart logo in the top left corner. The main content is a 'New Seller Registration Form' centered on the page. The form contains the following fields: 'Seller Name' with the value 'Liam', 'Password' with four asterisks, 'Email' with the value 'liam@gmail.com', 'Address' with the value 'Kilgus Channel' (highlighted in yellow), and 'Contact No.' with the value '9839205688'. A 'Submit' button is located at the bottom of the form.

After registration gets successful

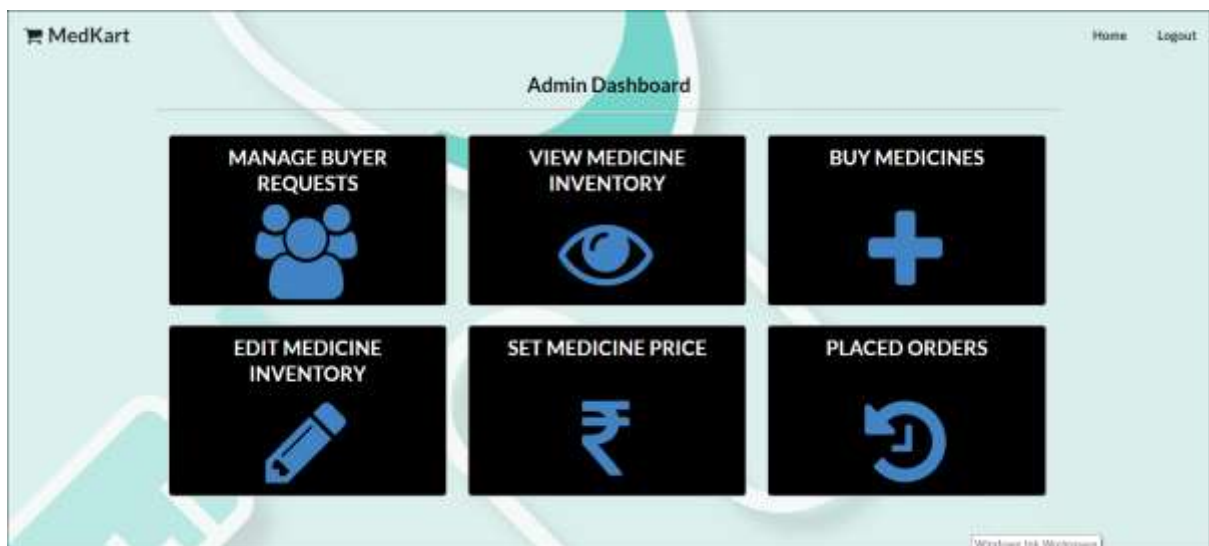


Admin pages

Logging in



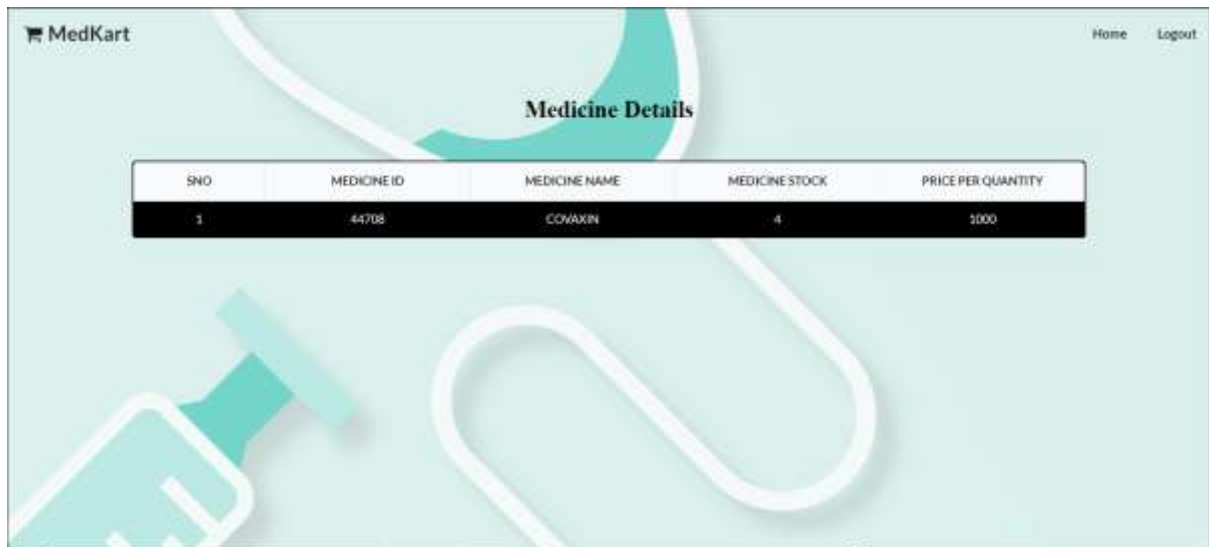
After logging in Admin Dashboard



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

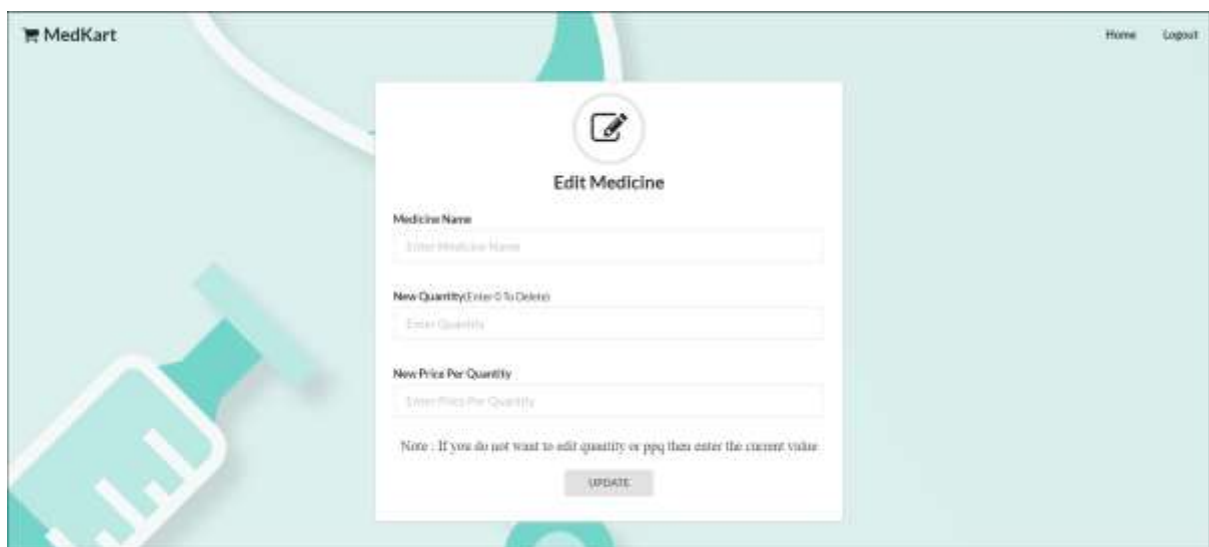


The image shows a web page titled "Medicine Details" with a light teal background featuring a faint illustration of a medical syringe and a stethoscope. At the top left is the "MedKart" logo, and at the top right are links for "Home" and "Logout". The main content is a table with five columns: SNO, MEDICINE ID, MEDICINE NAME, MEDICINE STOCK, and PRICE PER QUANTITY. The table contains one row of data.

SNO	MEDICINE ID	MEDICINE NAME	MEDICINE STOCK	PRICE PER QUANTITY
1	44708	COVAXIN	4	1000

Here we can edit medicines or we can buy new medicines

Edit medicines



The image shows a modal form titled "Edit Medicine" with a pencil icon. It contains three input fields for "Medicine Name", "New Quantity (Enter 0 to Delete)", and "New Price Per Quantity". Below the fields is a note and an "UPDATE" button.

Edit Medicine

Medicine Name

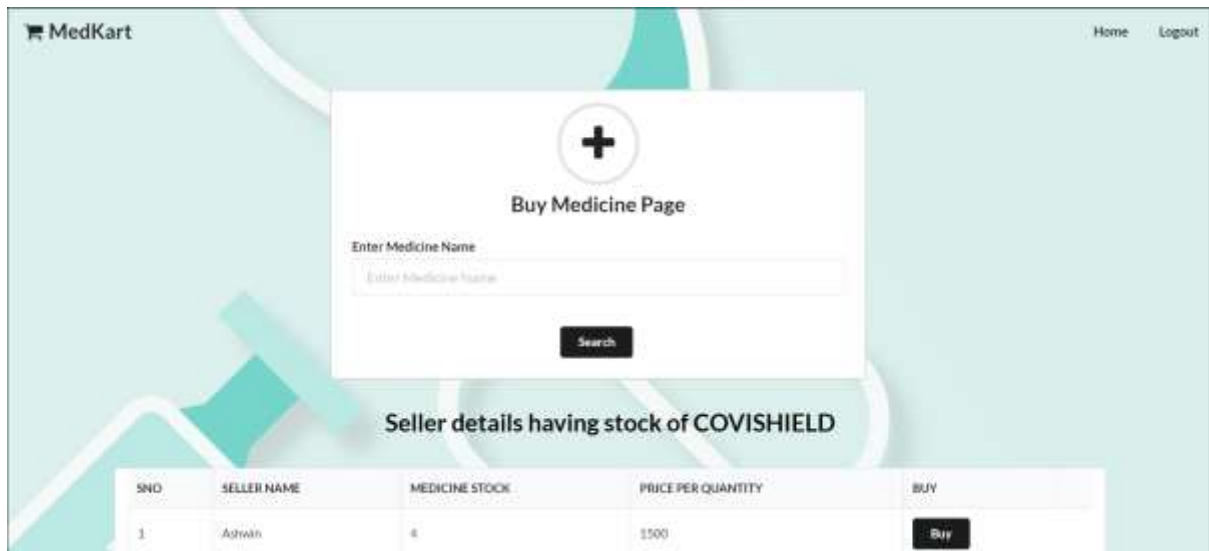
New Quantity (Enter 0 to Delete)

New Price Per Quantity

Note : If you do not want to edit quantity or ppq then enter the current value.

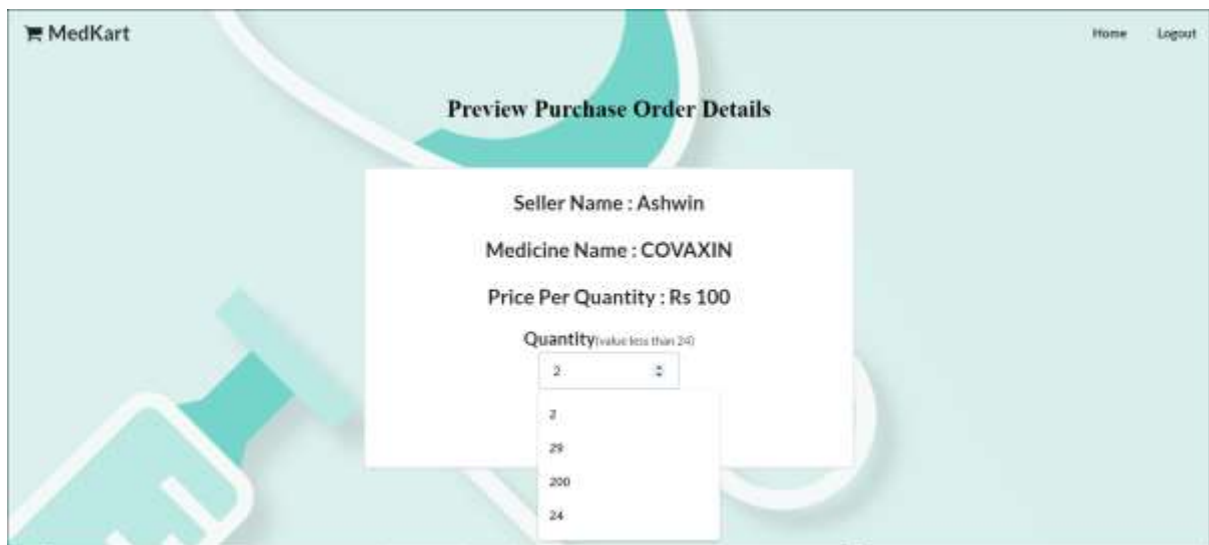
Buy medicines page

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

MedKart Home Logout

Final Bill

Seller Name : Achwin
Seller Contact : 8790009001
Seller Address : Chennai

Buyer Name : MedKart Pvt Ltd
Buyer Contact : 0000000000
Buyer Address : Anna Nagar Chennai

Medicine Name	Quantity	PPO	Amount
COVID19	2	100 Rs Per/D	200 Rs

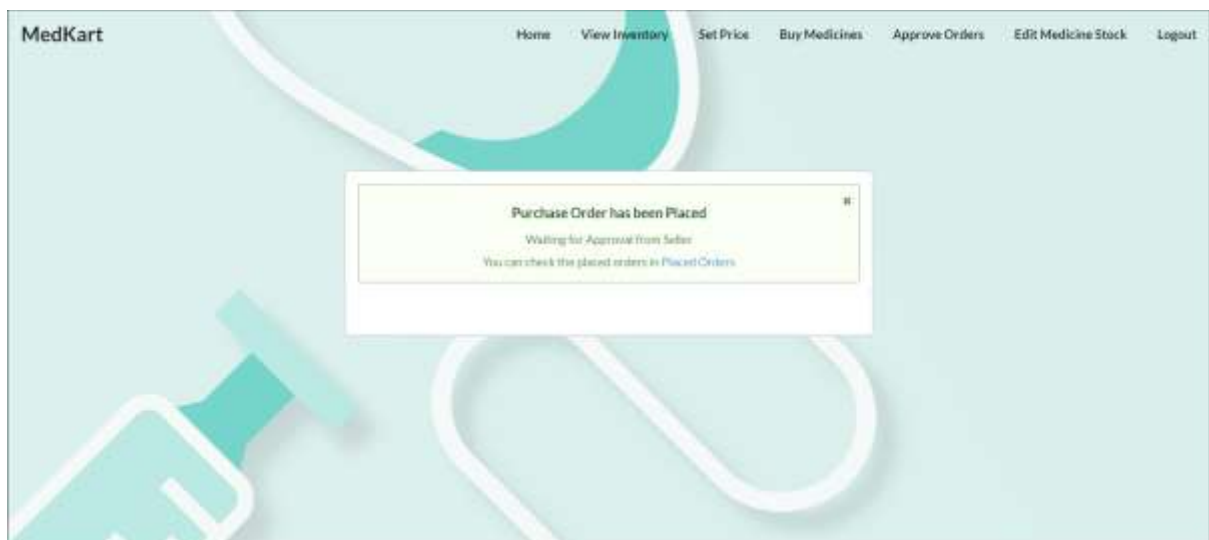
Tax 8 %
Total Amount 216 Rs

Card

Place Order

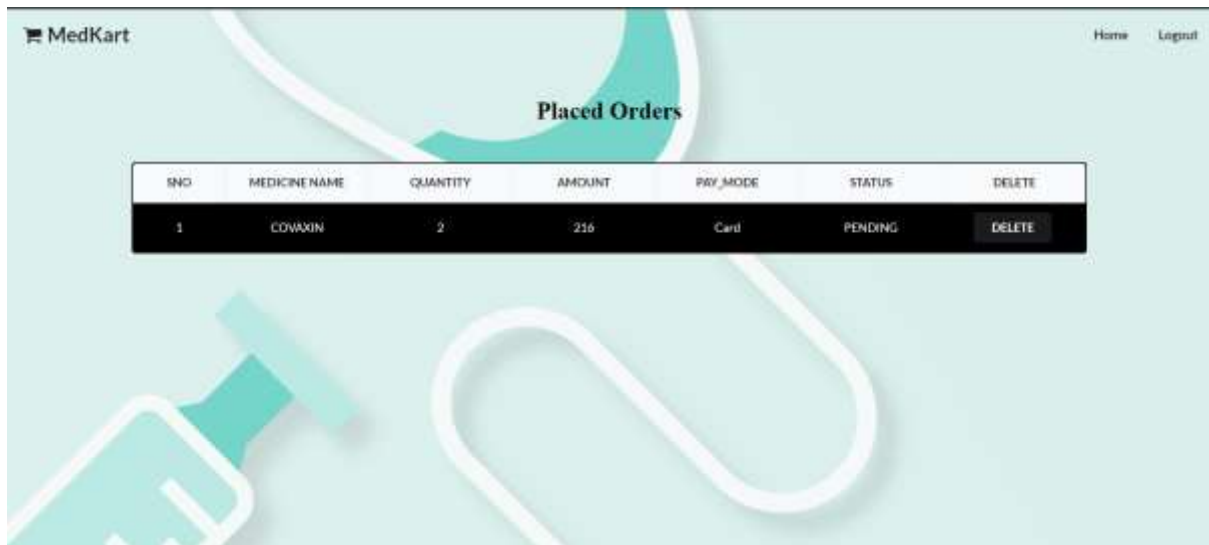
Here the admin selects the mode of payment and places order

After placing order we have to wait until seller accepts

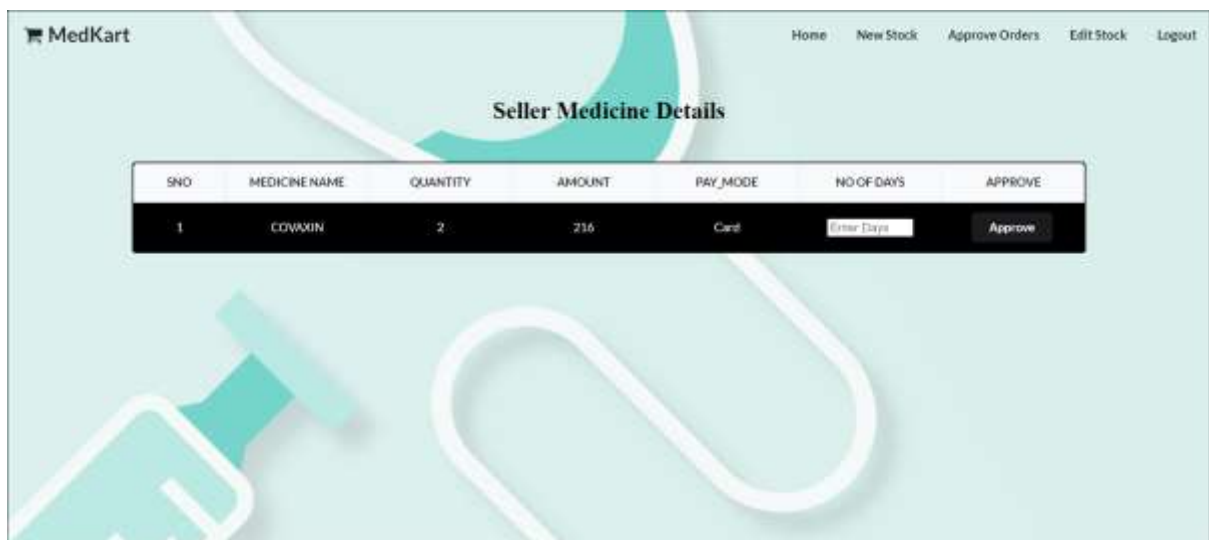


Placed orders page

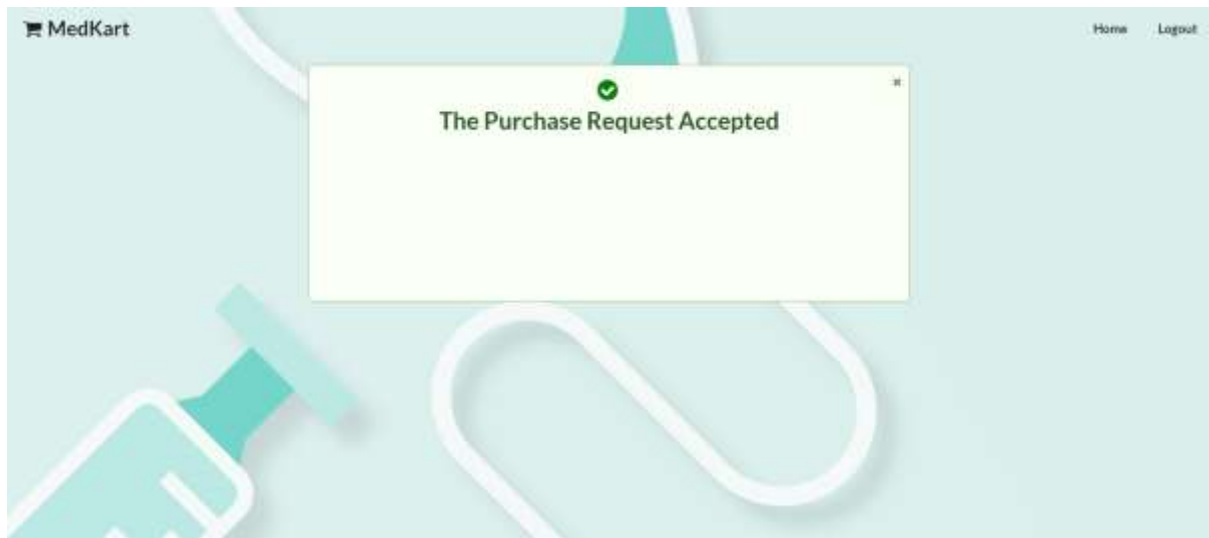
In this we can see placed orders and its status.



In seller page approve orders



After seller approves



After approving the seller medicines quantity gets reduced

The screenshot shows the MedKart application interface with the 'Seller Medicine Details' section. The table lists three medicines: COVISHIELD, COVAXIN, and COVAXIN, with their respective stock quantities and prices per unit. Below the table is a button labeled 'Add New Medicine'.

SNO	MEDICINE	MEDICINE STOCK	PRICE PER QUANTITY
1	COVISHIELD	4	1500
2	COVAXIN	22	100
3	COVAXIN	78	120

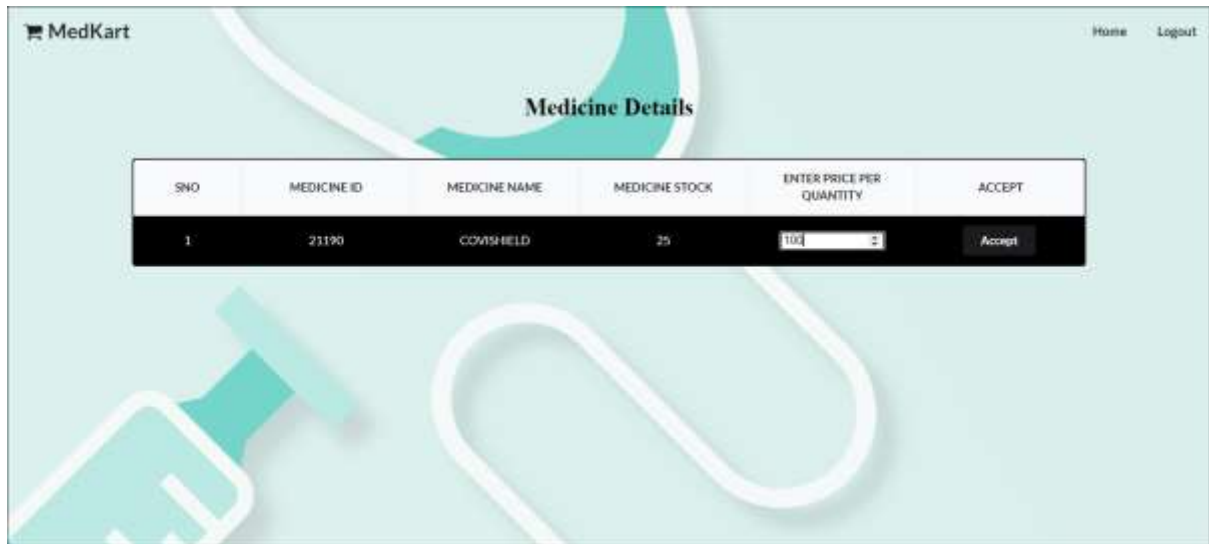
[Add New Medicine](#)

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 .



The screenshot shows a web application interface for 'MedKart'. At the top left is the 'MedKart' logo, and at the top right are links for 'Home' and 'Logout'. The main heading is 'Medicine Details'. Below this is a table with six columns: SNO, MEDICINE ID, MEDICINE NAME, MEDICINE STOCK, ENTER PRICE PER QUANTITY, and ACCEPT. The first row of data shows SNO: 1, MEDICINE ID: 21190, MEDICINE NAME: COWSHIELD, MEDICINE STOCK: 25, and a text input field containing '100'. An 'Accept' button is located to the right of the input field.

SNO	MEDICINE ID	MEDICINE NAME	MEDICINE STOCK	ENTER PRICE PER QUANTITY	ACCEPT
1	21190	COWSHIELD	25	<input type="text" value="100"/>	<button>Accept</button>



The screenshot shows the same 'Medicine Details' page. A yellow message box with a close icon in the top right corner displays the text 'Price has been set'.

After price is set the inventory of pharmacy

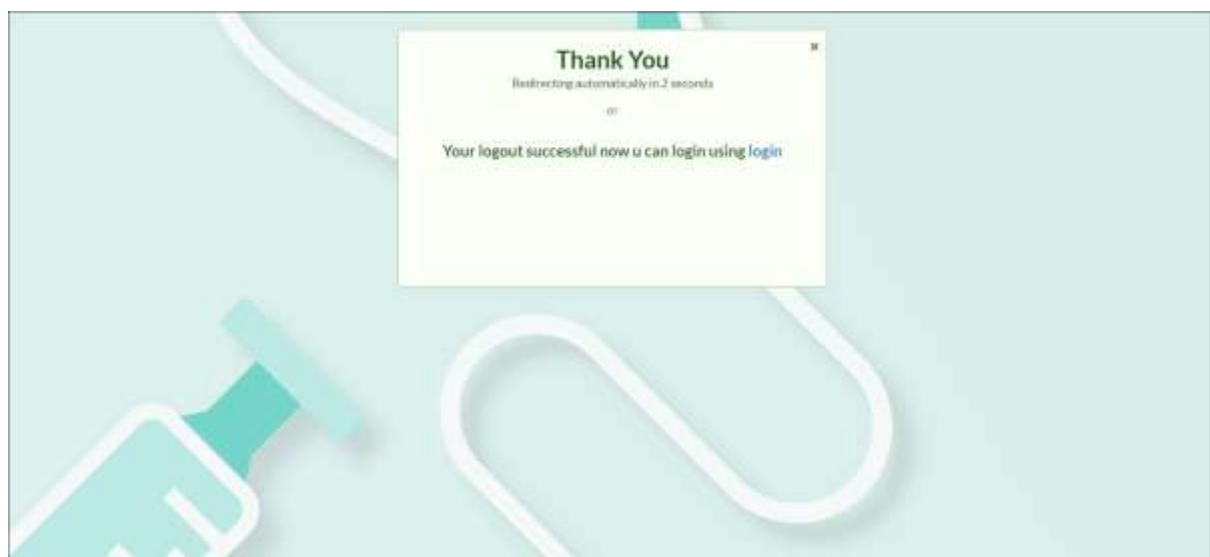
MedKart

HomeLogout

Medicine Details

SNO	MEDICINE ID	MEDICINE NAME	MEDICINE STOCK	PRICE PER QUANTITY
1	21190	COVIDSHIELD	25	100
2	44708	COVIDAXIN	6	1000

Logout



Seller Logging editing adding and logout


Login Page



The image shows a login page for MedKart. It features a white login form centered on a light blue background with medical-themed illustrations. The form includes fields for Email, Password, and a Seller dropdown menu, along with Login and Sign up buttons.

MedKart

Login Signup



Login Page

Email

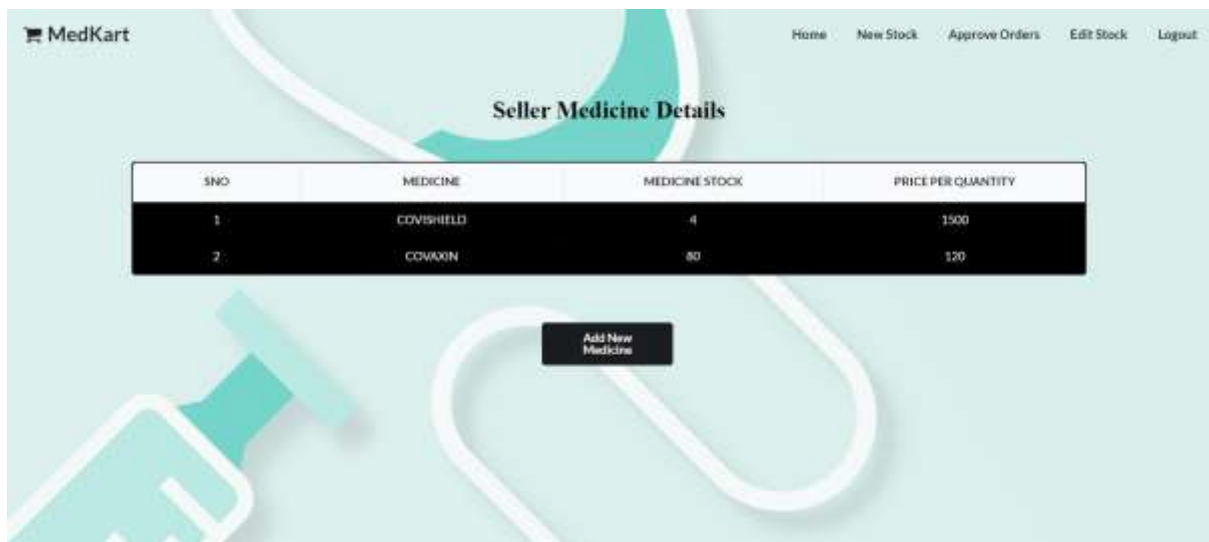
ashwin07@gmail.com

Password

Seller

Login Sign up

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



The image shows the seller home page for MedKart. It features a navigation bar with links to Home, New Stock, Approve Orders, Edit Stock, and Logout. The main content area displays a table titled 'Seller Medicine Details' with columns for SNO, MEDICINE, MEDICINE STOCK, and PRICE PER QUANTITY. Below the table is an 'Add New Medicine' button.

MedKart

Home New Stock Approve Orders Edit Stock Logout

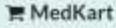
Seller Medicine Details

SNO	MEDICINE	MEDICINE STOCK	PRICE PER QUANTITY
1	COVISHIELD	4	1500
2	COVAXIN	80	120

Add New Medicine

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

Adding medicines Page



[Home](#) [New Stock](#) [Edit Stock](#) [Approve orders](#) [Logout](#)



Add New Medicine

Medicine Name
COVAXIN


Quantity
100

Price Per Quantity
1000

ADD

After adding the medicine

Seller home page



[Home](#) [New Stock](#) [Approve Orders](#) [Edit Stock](#) [Logout](#)

Seller Medicine Details

SNO	MEDICINE	MEDICINE STOCK	PRICE PER QUANTITY
1	COVISHIELD	4	1500
2	COVAXIN	80	120

Add New Medicine

Editing medicine

MedKart

Home New Stock Approve Orders Edit Stock Logout

Edit Medicine

Medicine Name
COVAXIN

New Quantity(Enter 0 To Delete)
100

New Price Per Quantity
100

Note : If you do not want to edit quantity or ppq then enter the current value

UPDATE

After editing medicine seller home page

MedKart

Home New Stock Approve Orders Edit Stock Logout

Seller Medicine Details

SNO	MEDICINE	MEDICINE STOCK	PRICE PER QUANTITY
1	COVISHIELD	4	1500
2	COVAXIN	24	100
3	COVAXIN	80	120

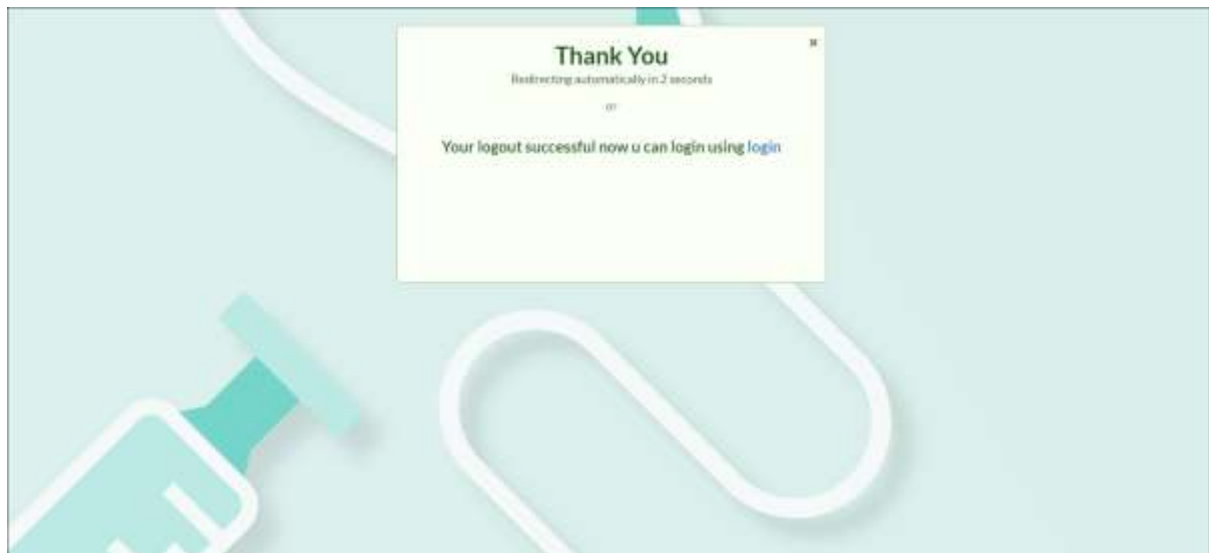
Add New Medicine

Approve order page

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

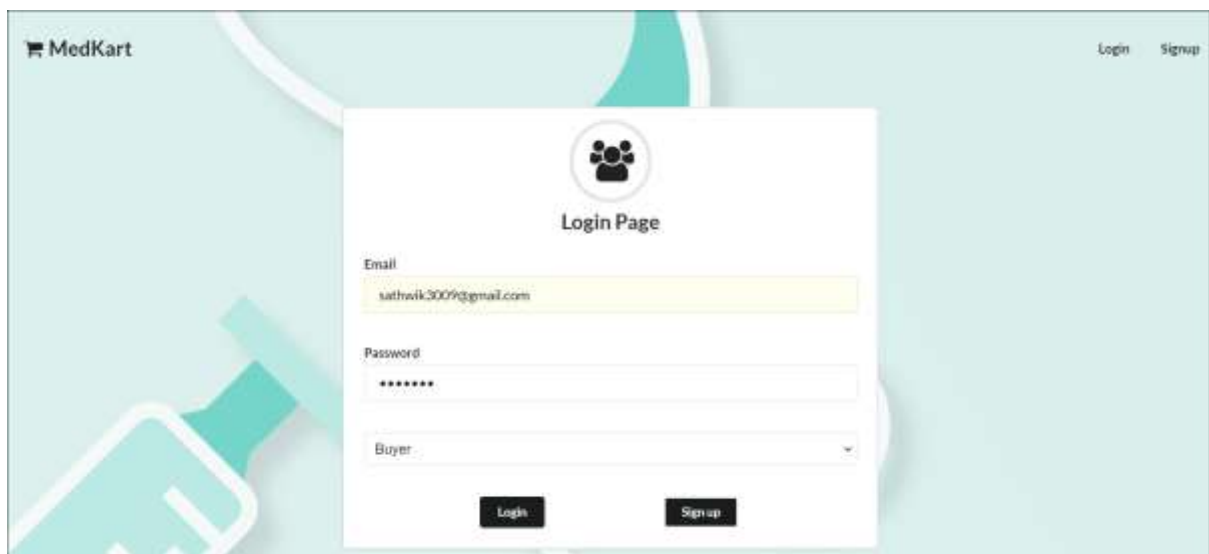
Logout page

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

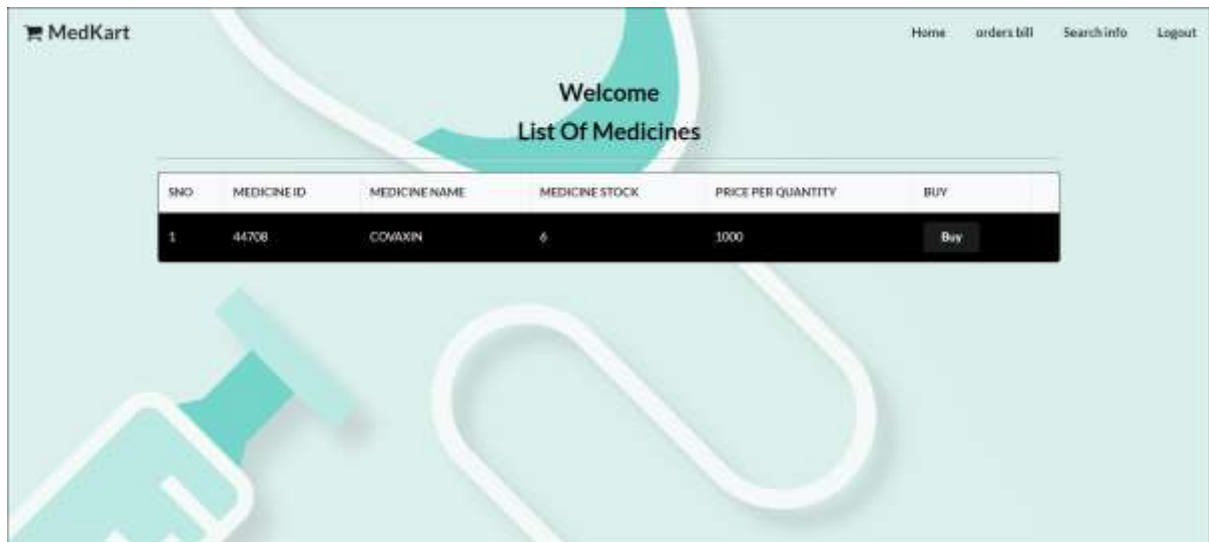


Buyer Pages

Login



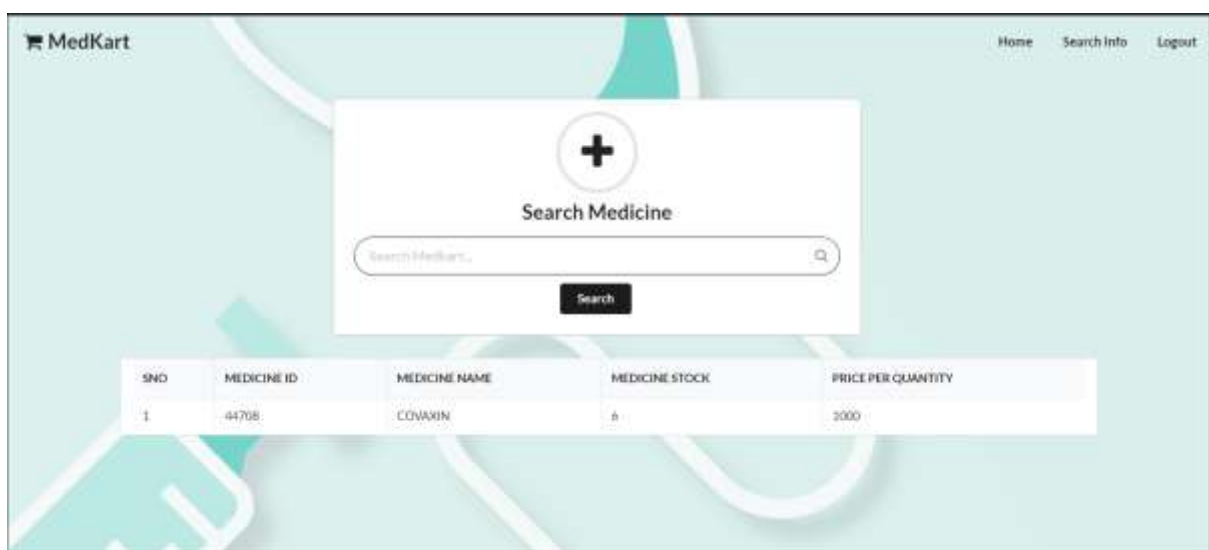
After logging in Buyer Home page



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

MedKart Home Search Info Logout

Preview Purchase Order Details

Buyer Name : sathwik
Medicine Name : COVAXIN
Price Per Quantity : Rs 1000
Quantity (value less than 0)

After selecting quantity bill page

MedKart Home Search Info Logout

Final Bill

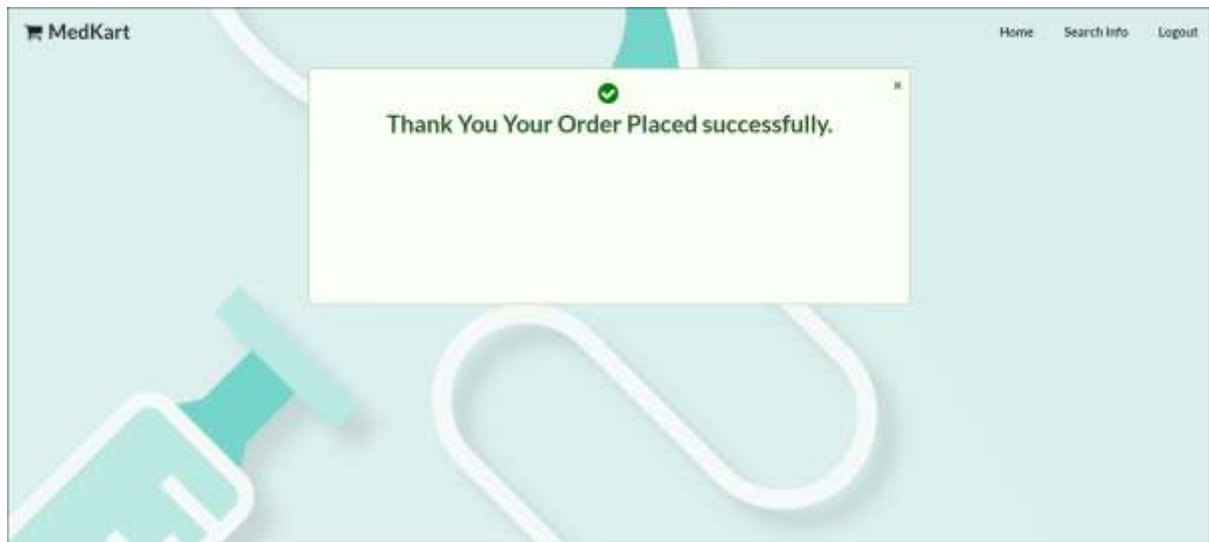
Buyer Name : sathwik
Buyer Contact : 7995337434
Buyer Address : tirupati
Seller Name : MedKart Pvt Ltd
Seller Contact : 0000000000
Seller Address : Anna Nagar, Chennai

Medicine Name	Quantity	PPQ	Amount
COVAXIN	2	1000 Rs Per/U	2000 Rs.

Tax B %
Total Amount 2160 Rs.

Cheque:

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

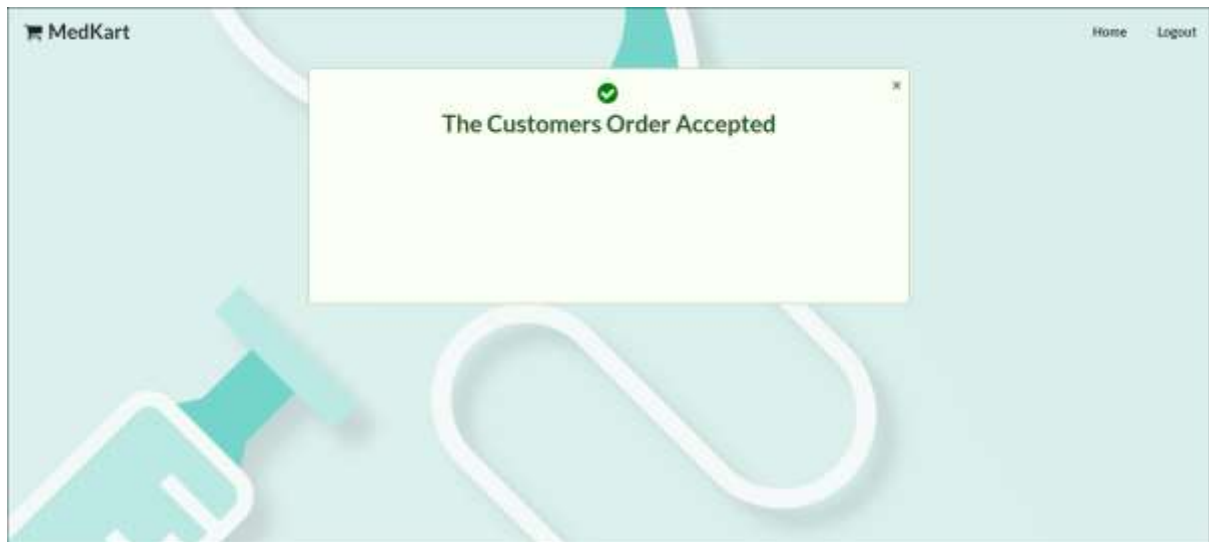
Admin page for buyer accepting

Approving order

A screenshot of the MedKart website showing the "Medicine Details" section. The table lists order details with columns for SNO, SALE REQUEST NO, BUYER ID, BUYER NAME, BUYER CONTACT, BUYER ADDRESS, MEDICINE ID, MEDICINE NAME, QUANTITY, PPQ, PAYMODE, TOTAL AMOUNT, REQUEST, and CONFIRM. The first row shows an order with ID 1, request number 262, buyer ID 13, buyer name sathwik, buyer contact 799537434, buyer address tirupati, medicine ID 44708, medicine name COVAXIN, quantity 2, PPQ 1000, paymode Cheque, total amount 2160, and a REQUEST status with an "ACC" dropdown menu and a "CONFIRM" button.

SNO	SALE REQUEST NO	BUYER ID	BUYER NAME	BUYER CONTACT	BUYER ADDRESS	MEDICINE ID	MEDICINE NAME	QUANTITY	PPQ	PAYMODE	TOTAL AMOUNT	REQUEST	CONFIRM
1	262	13	sathwik	799537434	tirupati	44708	COVAXIN	2	1000	Cheque	2160	ACC	CONFIRM

If accepted



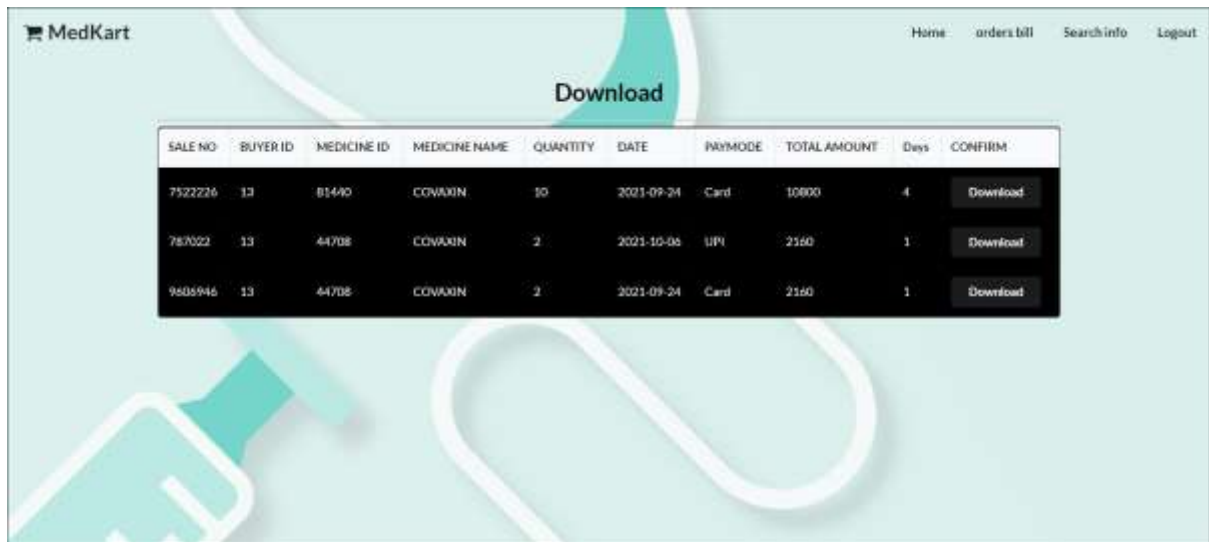
Or if rejected



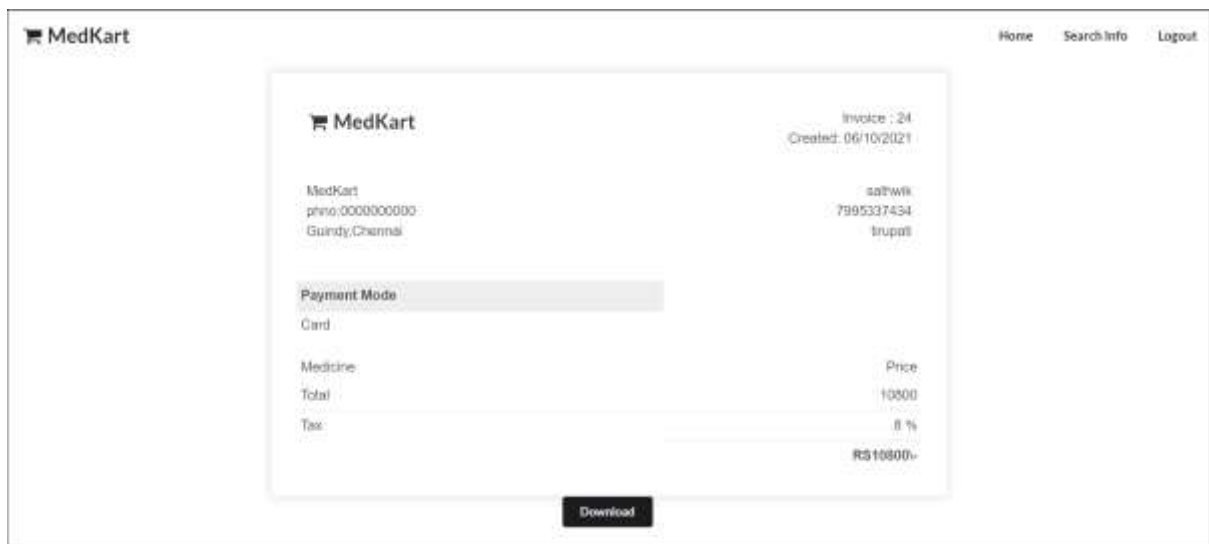
After approving in buyer page

The buyer can download the bill

Confirmed orders



After download bill preview



After download in pdf

