



Final Report on Online Pharmacy

Submitted To

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Topics of Report:

1. Project Proposal
2. Benchmark Analysis (Diagrams + discussion)
3. Feasibility Analysis (Diagrams + discussion)
4. Project Management Tools
5. UML Diagrams (mid + final)
7. Screenshots of the project

Project Proposal

Online pharmacy

Short description:

An **online pharmacy** is a pharmacy that operates over the internet and sends orders to customers through mail, shipping companies, or online pharmacy web portal.

In our project we are trying to develop a system in which we can solve the problems of a medicine customers in times of urgent. Through this service people from any place of country can order their required medicine. Again, one can simply order by prescription. So, customers don't need to search specific medicine. Thus, it will consume time.

If anyone have confusion, they can solve their problem through chat on our chat system.



Features:

- 1.View product with price, picture, brand, category, description, additional information, review, product inquiry (available or not).
- 2.Product search with name, diseases, category.
- 3.Product delivery from order (via website, phone, other social media)
- 4.Make payment (cards like visa, American express, mobile banking, cash on delivery)
- 5.Also provide medical and healthcare device, baby care product, orthopedic items, nutrition and supplements.
- 6.OTC drugs.
- 7.Can also place order by uploading prescription.
- 8.News and blog about health-related issues.
- 9.Free delivery at certain amount.
- 10.Also provide services:
 - I. Home nursing provider
 - II. Home physiotherapy service
 - III. Collect sample at home for diagnostic tests, provide report via certified lab partners.

Limitation: online chat, user friendly, order delivery details



Features:

1. Shop by Condition/Category/Manufacturer
2. Shop Over-the-Counter (OTG) items
3. A different category for Diabetes
4. Track orders
5. Rate and review items
6. Refunds for damaged or expired date items
7. Users get reward points for buying products in their e-Wallet.
8. Users can upload prescriptions to buy medicines and get discount on that order.
9. Users can see their order history.
10. Payment through 'bkash' or 'Cash on delivery'.

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Limitations:

1. Search option doesn't work properly.
2. No online chat
3. No option for Professional advice
4. No option for suppliers/sellers to sell/upload their products



Features

- 1.Product list
- 2.Search medicine
- 3.Health care
- 4.Baby and mom
- 5.Beauty care
- 6.FAQ (frequently asked question)
- 7.Female hygiene
- 8.Diabetic
- 9.Current issue
- 10.Personal care
- 11.contact

Limitations:

- 1.Life style
- 2.Late night pharmacies (late night opening hours)
- 3.Additional services (Extra service details)
4. Saving your time
- 5.specialist services (specialist service detailed in full)



Features:

- Product feature
- Health care and accessories
- Personal care
- Diabetic care
- Health condition
- Baby care
- Women care
- Hygiene
- Food supplement
- Search with brand name
- Upload prescription
- Request for product

Limitations:

- 9 am to 9 pm opening time
- No Online chat
- No specialist services
- No Home nursing service

Motivation:

Online pharmacy is one of the technology advancements which is likely to bridge this gap by providing easy affordable access of medicines to the customer at their doorstep at a mere finger click. Moreover, the concept will also provide proper awareness to the buyer regarding the appropriate medicine remedies.

This software also aims at reducing paperwork & provide multiple facilities to user with less efforts & accessing the portal according to choose & availability.

Scope:

Technology has made people's lives easier and easier. In this age of technology, we want to meet all the needs of the people sitting at home. Medicine is an essential human need. So, there are many online mediums in the market to deliver this medicine to the people.

But every online medium has some problems. Such as no online chat, bad customer relationship, no 24/7 opening, no home nursing service, no specialist services, search option not working properly, no user-friendly UI, no option for seller/ suppliers to sell/ update their product, no order details and so much.

That's the scope area which we want to develop in our project.

Our Features:

- 1. Search:** user or any public can search with name, generic name
- 2. View product** by diseases, categories.
- 3. User account:** each user has their profile, in this profile every activity on this site will be saved.
- 4. View review of other user:** user feedback and service rating system
- 5. Product view:** with details of product with redescription, expiry date, order shipping cart etc.
- 6. Otc drug:** user can buy otc drugs here.
- 7. Upload prescription:** can order by uploading a valid prescription
- 8. News, blogs:** recent health issues related topic.
- 9. Offers page:** what offers are going on. 10. online chat: users can communicate with online chat system.
- 11. Administrator page:** Admin can edit this system database or anything.

Tools:

1. HTML
2. CSS
3. php
4. JavaScript
5. Oracle SQL database

Benchmark Analysis

Benchmarking analysis is a specific type of market research that allows organizations to compare their existing performance against others and adopt improvements that fit their overall approach to continuous improvement and culture.

On the basis of four existing website regarding online pharmacy we have done following bookmark chart:

Benchmark chart

Features	pharmacy.com.bd	dhakapharma.com	banglameds.com	epharma.com.bd	Our project
Search Items	Y	Y	Y	Y	Y
Product Category	Y	Y	Y	Y	Y
OTC Drugs	Y	Y	Y	Y	Y
Online Chat	N	N	N	N	Y
News, Blogs	Y	N	Y	N	Y
Payment	Y	Y	Y	Y	N
Offer Details	Y	N	N	N	Y
Product Details	Y	Y	Y	Y	Y
Upload Prescription	Y	Y	N	Y	Y

Benchmark chart

Features	pharmacy.com.bd	dhakapharma.com	banglameds.com	epharma.com.bd	Our project
Order History	Y	Y	N	Y	Y
e-Wallet	N	Y	N	N	Y
e-Newsletter	Y	Y	N	N	Y
Reward Points	N	Y	N	N	Y
Refill Request on Order	N	N	N	Y	Y
Request Product	N	N	N	Y	Y
Home Nursing Service	Y	N	N	N	N
Home Physiotherapy	Y	N	N	N	N
Refund policy	N	Y	N	N	Y

Here four existing websites are:

- i) pharmacy.com.bd (www.pharmacy.com.bd)
- ii) Dhakapharma.com (www.dhakapharma.com)
- iii) Banglameds.com (www.banglameds.com)
- iv) epharma.com.bd (www.epharma.com.bd)

From the above benchmark table, it is seen that based on various features benchmark analysis have been done. The common features that all the websites have including our project are **search item, product category, OTC drugs and product details**. Our unique feature is **online chat** which has not been included on those websites. Among the all features upload prescription is most popular. Cause it's very easy to upload and also time consuming as we don't have to search the products.

Among all feature's payment system should be very easy and trustable. Otherwise customer will not further buy medicine or product. As it has trust issue it should be maintained well.

Feasibility Analysis

A **feasibility analysis** is used to determine the viability of an idea, such as ensuring a project is legally and technically **feasible** as well as economically justifiable. It tells us whether a project is worth the investment—in some cases, a project may not be doable. There are different types of feasibility such as:

- i) Economic
- ii) Technical
- iii) Behavioral
- iv) HR or Legal

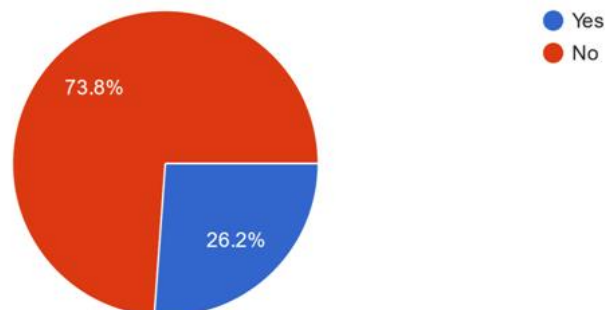
We have focused on **Behavioral Feasibility** and **SWOT Analysis** for our task.

In our project we have done **Questionnaire method** for feasibility analysis. By providing multiple choices for each question and kept an open-ended question at last which was optional. Those question with response is given below through graph:

Question:1:

So, have you ever used an online platform to buy your medicines before?

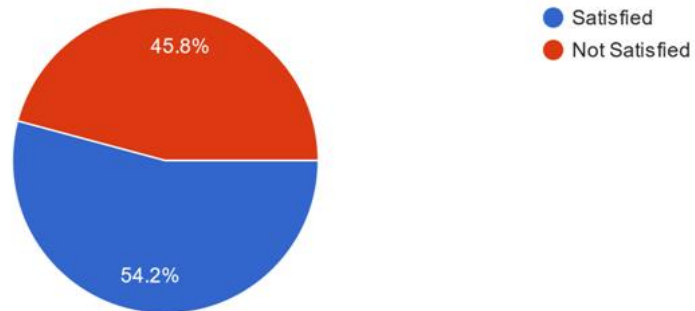
65 responses



Question:2:

How was your experience buying medicines online? (If you have any)

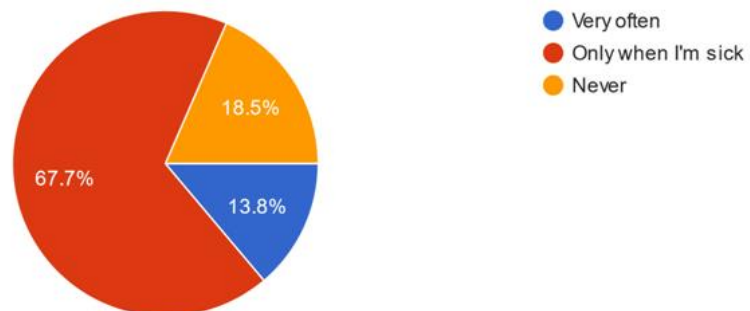
24 responses



Question:3:

How often do you buy medicines?

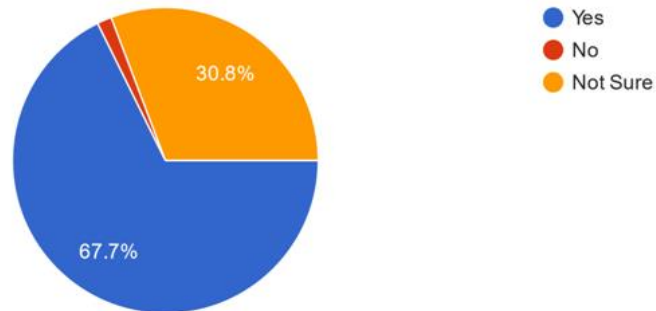
65 responses



Question:4:

What's your thought about buying medicines online? Will it be convenient for you?

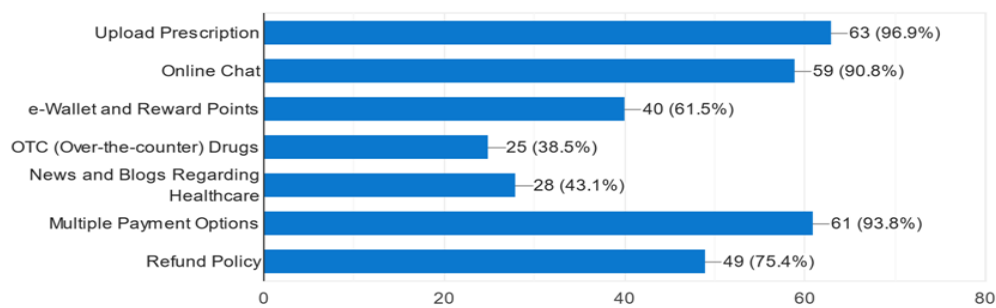
65 responses



Question:5:

What are the Five features you would like to see in an online pharmacy if you were to buy medicines online?

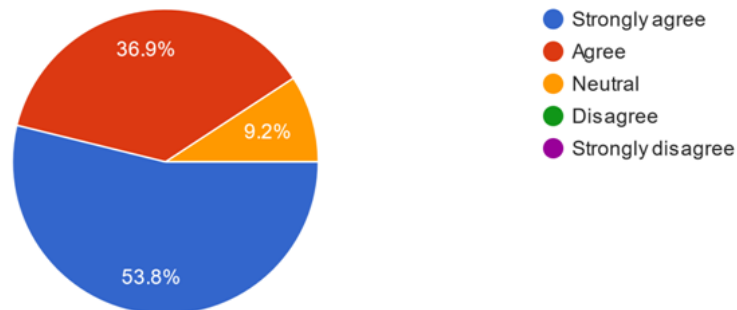
65 responses



Question:6:

An Online Chat is very helpful for the users in any online platform. Do you agree with this statement?

65 responses



Question:7:

Any suggestions from you regarding an Online Pharmacy will be highly appreciated. (Maximum 100 Characters)

- Make sure the delivery is very fast
- Make sure the delivery is very fast
- Will be so helpful
- This is a good idea. I think this policy would be popular in future.
- It will be really helpful if you guys can create an apps for mobile user
- First priority should be the quality of medicines.
- medicines should be strongly verified.
- implementation is very tough
- Keep sufficient amount of variety in you Pharmacy
- An online pharmacy should observe and evaluate people's need and must work according to it.

- Confidential issue should be increased
- You should make your platform based on target sample
- Check expiry date before delivery
- This platform can be improved for a better service in future
- Delivery should reach very fast, and the delivery charge should be less and affordable.
- Free delivery charge for all products.

This was our response of Question for feasibility analysis. If we analyze our **first** question on purchasing medicine in online, most of the answer was no which is 73.8%. People still don't used to with buying medicine in online.

Second question was about experience of buying medicine in online. And 54.2% people were not satisfied and it was shocking. **Third** one was about how often buy medicine and 67.7% were bought only when they become sick. 13.5% is very often and 18.5% is never. **Forth** was about thought of buying medicine that is it convenient and it was convenient for 67.7% and 30.8% person was not sure. **Fifth** Features was what people want to see in our project. Most responsive features about 90% people wants that are upload prescription, payment through various methods like-Cash on delivery, bkaash, card system etc. and online chat. **Sixth** one was a statement that do they agree that online chat is useful for online pharmacy . Their response was 53.8% have strongly agreed, 36.9% have agreed and 9.2% People was neural. **Seventh** was an option for suggestions and they have given Lots Of suggestions which we will try to implies in our project in future.

SWOT analysis is a strategic planning technique used to help a person or organization identify strengths, weaknesses, opportunities, and threats related to business competition or project planning.

Here is **SWOT analysis** of our project:

Strengths	Weakness	Opportunities	Threats
<ol style="list-style-type: none"> 1. User friendly 2. Online chat 3. Loyalty program. 4. Programming back-end, front-end, user interface skill is available. 5. Fast, hassle free delivery system. 	<ol style="list-style-type: none"> 1. Lack of branding. 2. No extra Healthcare Service. 3. No real life experience. 4. Don't have much of a marketing budget. 5. Don't paying much attention to marketing. 	<ol style="list-style-type: none"> 1. Payments by online system. 2. Service and product increasing. 3. Expected increase in healthcare services due to increase in senior population. 4. Little competition due to unique services. 5. Few companies. 	<ol style="list-style-type: none"> 1. Increased market competition. 2. Competitors' position and plans. 3. Everyday everything is changing just after a moment and technology also. 4. Customers acceptance may not available. 5. Price wars with competitor.

From the SWOT analysis we tried to discuss our strengths, weakness, opportunities and threats. To make a project it is needed. Because without knowing our scope or risk it is not good decision to make a project. Like our project's strengths are user friendly, loyalty issues, skillful members are available. But as we are new in this sector so we have lack of branding, no real-life experience and don't have marketing budget. But as there are very few websites based on online pharmacy so we have opportunities to make a good place in market if we solve our problem. Again, due to this corona pandemic situation online shopping takes a huge place throughout the world. So, market competitors may increase at any time which is a biggest threat for us. So, we should make our project based on these factors which has analyzed here.

Project Management Tools

Project management is the process of leading the work of a team to achieve goals and meet success criteria at a specified time. The primary challenge of project management is to achieve all of the project goals within the given constraints.

Project management tools are aids to assist an individual or team to effectively organize work and manage projects and tasks. The term usually refers to **project management software** you can purchase online or even use for free.

Among various project management tools, we have chosen to discuss are:

- **Trello**
- **Monday.com**
- **Zoho projects**
- **Wrike.com**



TRELLO: Kanban boards with workflow automation tools

Trello helps teams work more collaboratively and get more done. Trello task management and collaboration tool are designed with teams of all sizes and use cases in mind. Editorial calendar, real estate company, design sprint, wedding planning, or scrum board – users have many templates to choose from.

Features: Task management, collaboration, **collaborate on Trello cards**, add comments, attachments to Trello cards, **Integrate apps** directly into your workflow

Platform: Online desktop apps, mobile apps. Trello is available as a desktop app for Windows and macOS, runs on Android and iOS devices, and popular browsers.

Desktop-based or Web-based client: Trello is web-based.

Availability of a Free Version: Trello is mainly a free service that lets users work with an unlimited number of boards, lists and cards.

Number of users allowed in the free version: Free Trello teams can hold up to 10 open team boards at a time.

Free trial for a premium version: It free for 14 days. There is no need to put in a credit card upfront, and anyone on your team can elect to start the trial.

Pricing: Trello has one free and three paid options: Gold (\$5 per user per month if paid annually), Business Class (\$9.99 per month per user with annual subscription), and Enterprise (\$20.83 per user per month for a team up to 20 people) in which pricing per user decreases depending on the number of users.

Integrations: Boards can be integrated with applications and services like Dropbox, Google Drive, Bitbucket Cloud etc. Check the page with Power-Ups to learn more.

Importing Data into Trello: Trello doesn't have a generic import tool, it has several options for bringing your data into Trello: copy paste, Trello API, Zapier, Import2 Wizard.

Exporting Data into Trello: There are several options for exporting data from Trello: Printing in Trello, convert JSON to CSV or Excel spreadsheets, Access the Trello API and use a script to convert the resulting JSON into Markdown files.

Customizability: Here are some customizable features like: Kanban boards, Ability to attached files/screenshots, “Power-ups”, Task status.



The monday.com is a project management tool that enables organizations to manage tasks, projects, and team work. It's a simple, but intuitive, Work OS for teams to shape workflows, adjust to shifting needs, create transparency, connect collaboratively, and stop doing manual grunt work.

Talking about the organizations using this collaborative tool, companies like Discovery, Carlsberg, McDonalds, Fiverr are using Monday.com.

1.Features:

Access Control, Action Item Tracking, Action Management, Agile **Software Development**, Brainstorming, Budget Control, Bug Tracking, Charting, Chat, Class Scheduling, Creative, Create your own, **Gantt Charts**, Document Storage, Drag& Drop, **Interface**, Email Alerts, Employee Database, HR, Low code development, IT, **Integrations, Marketing, Project Management**, Project Planning, Project Templates, **Project Time Tracking**, Reporting & Statistics, Remote work, **Software development**, Sales, Status Tracking, Survey Management, Two-Factor Authentication, Vendor Management, Website Management, Workflow Management etc.. .









2. Availability of a free version: 14 days free trial.

3. Free trial for a premium version:

The trial allows you to test the system on our pro plan. During the 14 days trial period, you can see all of the great features that monday.com has to offer. After that a person needs to buy this.

4.Pricing: There are four types of pricing. They are Student for \$0 USD up to 10 users for limited duration of time, Standard for \$10 USD per user/per month with 6 months activity log , Pro for \$16 USD per user/per month with 1 year activity log and Enterprise with 5 years activity log, it has to contact with monday.com for buying.

Pick your plan

	Basic	Standard	Pro	Enterprise
	\$25 USD / month Billed annually	Most Popular \$39 USD / month Billed annually	\$59 USD / month Billed annually	
	Get Started	Get Started	Get Started	Contact Us
Essentials				
Unlimited free viewers 	✓	✓	✓	✓
Unlimited boards 	✓	✓	✓	✓
Over 20 column types 	✓	✓	✓	✓
iOS and Android apps 	✓	✓	✓	✓
Kanban view 	✓	✓	✓	✓
Embedded forms 	✓	✓	✓	✓
File storage 	5 GB	50 GB	Unlimited	Unlimited

5. Number of users allowed in the free version:

On the standard plan, the number of guests is limited. You can invite up to 3 guests for free. The 4th guest will count as a billed team member. This means that if you go for the standard plan 5 users, you can invite a total of 5 team members and 3 guests.

6. Desktop-based or Web-based client: Cloud based.

7. Customizability: It is Customizable Dashboards. Like - Customizable workflows and templates.



Zoho Projects is a cloud-based project management solution designed for small and midsize companies. It offers project scheduling and budgeting, which allows project managers to define project tasks, assign them to their teams, estimate project costs and follow up on in-progress tasks. Zoho Projects automates document processes such as revision tracking, access control and search and retrieval. Other product features include document management, which provides a portal for sharing documents within the team members. Zoho Projects also offers issue management features, which help managers resolve errors in the project tasks.

1.Features:

Time Logging

Invoicing

Project Budgeting

Expense Tracking

Resource Utilization

SLA Integration

Dependencies

Critical Path

Kanban Board for Tasks and Issues

Forums and Discussions

Project Feed

Global/Project Dashboards

Custom widgets, views, and fields

Import from JIRA and Basecamp

Custom Permissions (Roles & Profiles)

Android app (along with iPhone app which is already mentioned)

Bitbucket Integration

Custom Domain

2. Availability of a free version: 10 days free trial.

3. Free trial for a premium version: The 10-day trial gives you a hands-on experience of using the features of our paid editions. You can request for a trial of any of our four paid plans and try it out, free of cost.

4. Number of users allowed in the free version: The free plan includes two active projects, 10 MB of storage and accommodates up to three users.

5. Pricing:

Standard – The Standard plan costs \$3 per user, per month for six to 10 users and includes up to 5 GB of storage.

Express – The Express plan costs \$4 per user, per month for 12 to 50 users and includes up to 20 GB of storage.

Premium – The Premium plan costs \$5 per user, per month for 20 to 100 users and includes up to 100 GB of storage.

Enterprise – The Enterprise plan is priced at \$6 per user, per month for companies with more than 25 users and includes unlimited active projects and 120 GB of storage.

6.Desktop-based or Web-based client: Cloud-based.

7. Customizability: Zoho Projects helps to customize the entire project portal with common tasks, documents, calendar, timesheet. It helps you to just update a project document or report to this shared space so that your team will be automatically notified of the recent changes.

8. Integrations: Import projects, tasks, and time logs from Zoho Projects automatically.

9.Importing: You can import MPP/ MPX/ XLS/ JSON/ CSV files into Zoho Projects.

10.Exporting: timesheet data, convert to excel or csv file.



Wrike is a versatile online project management and work collaboration platform that enables teams to deliver work with speed and efficiency. It has tools that allow users to simplify project planning, centralize communication, and streamline workflow, even when remotely apart.

Transforming the way, you work. Wrike's software helps teams increase productivity by 50% and cut down on email by 90%.

Features:

@mentions,

API,

Access control,

Activity dashboard,

Activity management,

Activity tracking,

Android and iPhone app,

Approval process control,

Asset management,

Automatic backup,

Branded workspace,

Budget tracking,

Built-in time-tracker,

Built-in timer and reports,

Calendar,

Calendar integrations with Google and iCalendar,

Calendar management,

Collaboration tools,

Collaborative workspace,

Configurable workflow,

Custom calendars for vacations, sick leave etc.

Customizable reporting,

Dashboard creation,

Data backups,

Data encryption,

Due date tracking,

Email & calendar synchronization,

Email-to-task syncing,

File management,

File sharing,

File version control,

Forms management,

Personal dashboard,

Planning tools,

Prioritizing,

Progress reports,

Project reporting,
Project time tracking,
Project tracking,
Project workflow,
Real time reporting,
Reporting & statistics,
Resource management,
Role-based permissions,
Secure data storage,
Shared workspace,
Subtasks,
Task management,
Task planning,
Task scheduling,
Task tracking,
Task-related discussions,
Template management,
Third party integration,
Time tracking by project,
Timeline management,
User access controls,
User groups,
Workflow management,
Workload view & scheduling,
assignment tracking,

bug tracking.

Availability of a user version:

Free Version – Businesses can use the free version for up to five users.

Free trial for premium version:

Wrike offers a 14-day free trial so you can test-drive the application before deciding if you want to invest in it or not.

Number of users allow in the free version:

Free Basic - free for up to 5 users.

Professional- Free for up to 15 users.





Pricing:

Free	Professional	<small>MOST POPULAR</small> Business	Enterprise
5 users	5, 10, 15 users	5-200 users	5-Unlimited
A simple, shared task list for small teams	Full project planning & collaboration	Robust work management with customization & exec reporting	Comprehensive solution with advanced security & controls
\$0 <small>user/ month</small>	\$9.80 <small>user/ month</small>	\$24.80 <small>user/ month</small>	
Sign Up Now	Start Free Trial	Start Free Trial	Contact Us
		<small>Includes Free Trial of Wrike Proof</small>	<small>Includes Free Trial of Wrike Proof</small>

Desktop based or clouds based: Cloud based.

Customizability: The company now gives its users the ability to customize the service to their needs.

Comparison between four project management tool's features is given below:

 monday.com X ★★★★★ (2,091) 92 pts	 Trello X ★★★★★ (17,036)	 Wrike X ★★★★★ (1,592) 81 pts	 Zoho Projects X ★★★★★ (221)
LEARN MORE	LEARN MORE	LEARN MORE	LEARN MORE
Platforms supported Web-based ✓ iPhone app ✓ Android app ✓ Windows Phone app ✓	Platforms supported Web-based ✓ iPhone app ✓ Android app ✓ Windows Phone app ✗	Platforms supported Web-based ✓ iPhone app ✓ Android app ✓ Windows Phone app ✗	Platforms supported Web-based ✓ iPhone app ✓ Android app ✓ Windows Phone app ✗
Typical customers Freelancers ✓ Small businesses ✓ Mid size businesses ✓ Large enterprises ✓	Typical customers Freelancers ✓ Small businesses ✓ Mid size businesses ✓ Large enterprises ✓	Typical customers Freelancers ✗ Small businesses ✗ Mid size businesses ✓ Large enterprises ✓	Typical customers Freelancers ✓ Small businesses ✓ Mid size businesses ✓ Large enterprises ✓
Starting from \$39.00/month	Starting from \$12.50/month	Starting from \$24.80/month	Starting from \$18.00/month
Free trial available ✓ No credit card required ✓ Free account ✗ Subscription based ✓	Free trial available ✓ No credit card required ✓ Free account ✓ Subscription based ✓	Free trial available ✓ No credit card required ✓ Free account ✓ Subscription based ✓	Free trial available ✓ No credit card required ✓ Free account ✓ Subscription based ✓

Key features

Total features		Total features		Total features		Total features	
@mentions	✓	@mentions	✓	@mentions	✓	@mentions	✓
API	✓	API	✓	API	✓	API	✓
Access Control	✗	Access Control	✓	Access Control	✓	Access Control	✓
Activity Dashboard	✓	Activity Dashboard	✓	Activity Dashboard	✓	Activity Dashboard	✓
Activity Management	✗	Activity Management	✓	Activity Management	✓	Activity Management	✓
Activity Tracking	✗	Activity Tracking	✓	Activity Tracking	✓	Activity Tracking	✓
Agile Software Development	✓	Agile Software Development	✗	Agile Software Development	✗	Agile Software Development	✓
Asset Management	✓	Asset Management	✗	Asset Management	✓	Asset Management	✗
Assignment Management	✓	Assignment Management	✓	Assignment Management	✗	Assignment Management	✓
Automated Scheduling	✓	Automated Scheduling	✗	Automated Scheduling	✓	Automated Scheduling	✗

Customizable Templates	✓	Customizable Templates	✗	Customizable Templates	✗	Customizable Templates	✓
Dashboard Creation	✓	Dashboard Creation	✗	Dashboard Creation	✓	Dashboard Creation	✓
Data Import	✓	Data Import	✓	Data Import	✗	Data Import	✗
Data Import/Export	✓	Data Import/Export	✓	Data Import/Export	✗	Data Import/Export	✓
Data Synchronization	✗	Data Synchronization	✓	Data Synchronization	✓	Data Synchronization	✗
Deadline Management	✓	Deadline Management	✓	Deadline Management	✓	Deadline Management	✓
Desktop Notifications	✓	Desktop Notifications	✓	Desktop Notifications	✗	Desktop Notifications	✗
Document Management	✓	Document Management	✗	Document Management	✓	Document Management	✓
Document Storage	✓	Document Storage	✓	Document Storage	✓	Document Storage	✓
Drag & Drop Interface	✓	Drag & Drop Interface	✓	Drag & Drop Interface	✓	Drag & Drop Interface	✓
Email Integration	✓	Email Integration	✓	Email Integration	✓	Email Integration	✓
Email Invitations & Reminders	✗	Email Invitations & Reminders	✓	Email Invitations & Reminders	✗	Email Invitations & Reminders	✓
Email Notifications	✗	Email Notifications	✓	Email Notifications	✗	Email Notifications	✓

Status Reporting	✓	Status Reporting	✗	Status Reporting	✓	Status Reporting	✓
Status Tracking	✓	Status Tracking	✗	Status Tracking	✓	Status Tracking	✓
Tagging	✓	Tagging	✓	Tagging	✓	Tagging	✓
Task Management	✓	Task Management	✓	Task Management	✓	Task Management	✓
Task Planning	✓	Task Planning	✓	Task Planning	✓	Task Planning	✓
Task Scheduling	✓	Task Scheduling	✓	Task Scheduling	✓	Task Scheduling	✓
Task Tracking	✓	Task Tracking	✓	Task Tracking	✓	Task Tracking	✓
Template Management	✓	Template Management	✗	Template Management	✓	Template Management	✓
Third Party Integration	✓	Third Party Integration	✓	Third Party Integration	✓	Third Party Integration	✓
Timeline Management	✓	Timeline Management	✗	Timeline Management	✓	Timeline Management	✓
Timer	✗	Timer	✗	Timer	✓	Timer	✓
To-Do List	✓	To-Do List	✓	To-Do List	✗	To-Do List	✓
Workflow Management	✓	Workflow Management	✗	Workflow Management	✓	Workflow Management	✓

Integrations					
Total integrations		Total integrations		Total integrations	
Box	✓	Box	✓	Box	✓
Dropbox Business	✓	Dropbox Business	✓	Dropbox Business	✓
G Suite	✗	G Suite	✗	G Suite	✓
GitHub	✓	GitHub	✓	GitHub	✓
Gmail	✓	Gmail	✓	Gmail	✓
Google Calendar	✓	Google Calendar	✓	Google Calendar	✓
Google Drive	✓	Google Drive	✓	Google Drive	✓
Jira	✓	Jira	✓	Jira	✓
Microsoft 365	✗	Microsoft 365	✗	Microsoft 365	✓
Microsoft Excel	✓	Microsoft Excel	✗	Microsoft Excel	✓

Task 2: Used Wrike.com

i) Dashboard or Board

The screenshot displays the Wrike interface for a project titled "Project management study report". The dashboard is organized into columns representing different stages of task completion: New (0), In Progress (2), Completed (4), On Hold (2), and Cancelled (0). Each column contains task cards with details such as the task name, assigned user, and due date (Sep 1).

Stage	Task Name	Assigned To	Due Date
In Progress	study zoho.com	MU	Sep 1
In Progress	study wrike.com	LI	Sep 1
Completed	study monday.com	LI	Sep 1
Completed	Select top 4 pm tools	MU	Sep 1
Completed	stude trello.com	LI	Sep 1
Completed	create a profile and add ss to report	MU, LI	Sep 1
On Hold	submit report	MU	Sep 1
On Hold	merge all of them	MU	Sep 1

ii) Gantt Chart:

The screenshot shows the Wrike interface with the 'Project management study report' project selected. The Gantt Chart view is active, displaying a list of tasks on the left and a corresponding Gantt chart on the right. The tasks are as follows:

ID	Title	Start date	Due date	Predecessors
1	Project management s...			
2	Select top 4 pm tools	08/27/2020	09/01/2020	
3	create a profile and...	08/31/2020	09/01/2020	
4	stude trello.com	08/31/2020	09/01/2020	
5	study monday.com	08/31/2020	09/01/2020	
6	study wrk.com	08/31/2020	09/01/2020	
7	study zoho.com	08/31/2020	09/01/2020	
8	merge all of them	09/01/2020	09/01/2020	
9	submit report	09/01/2020	09/01/2020	

The Gantt chart shows the duration of each task as a horizontal bar. The 'submit report' task is currently selected, and its details are shown on the right side of the interface.

iii) Stream:

The screenshot shows the Wrike interface with the 'Project management study report' project selected. The Stream view is active, displaying a list of tasks on the left and a corresponding stream of updates on the right. The tasks are as follows:

ID	Title	Start date	Due date	Predecessors
1	Project management s...			
2	Select top 4 pm tools	08/27/2020	09/01/2020	
3	create a profile and...	08/31/2020	09/01/2020	
4	stude trello.com	08/31/2020	09/01/2020	
5	study monday.com	08/31/2020	09/01/2020	
6	study wrk.com	08/31/2020	09/01/2020	
7	study zoho.com	08/31/2020	09/01/2020	
8	merge all of them	09/01/2020	09/01/2020	
9	submit report	09/01/2020	09/01/2020	

The stream view shows a list of updates for the project. The updates are as follows:

- submit report** Project management study report
On Hold Planned for Sep 1 (1d)
Today
- Mottasin Lemon** @ 8:41 PM
Assignme...pdf
- merge all of them** Project management study report
On Hold Planned for Sep 1 (1d)
Today
- Mottasin Lemon** @ 8:34 PM
Scheduled task for Sep 1 (1d)

Personal > Online Pharmacy >

Project management study report

List Board Table Gantt Chart Files Stream

Mottasin Lemon 8:34 PM
Scheduled task for Aug 27 – Sep 1 (4d)

Add a comment...

study monday.com Project management study report
Completed (was Planned for Aug 31 – Sep 1 (2d))

SHOW MORE UPDATES

Today

Mottasin Lemon 8:33 PM
Scheduled task for Aug 31 – Sep 1 (2d)

Add a comment...

study wrlike.com Project management study report
In Progress (Planned for Aug 31 – Sep 1 (2d))

SHOW MORE UPDATES

Today

Mottasin Lemon 8:30 PM
Scheduled task for Aug 31 – Sep 1 (2d)

Add a comment...

Buy now! 14 days left

iv) Table:

Personal > Online Pharmacy >

Project management study report

List Board Table Gantt Chart Files Stream

All tasks By Priority Expand/Collapse

#	Title	Assignee	Status	Start date	Due date	Duration	
1	Project management study report						
2	submit report	Mottasin Lemon	On Hold	09/01/2020	09/01/2020	1d	
3	merge all of them	Mottasin Lemon	On Hold	09/01/2020	09/01/2020	1d	
4	study zoho.com	Md. Mynul hasan	In Progress	08/31/2020	09/01/2020	2d	
5	study wrlike.com	mshaon171292@bscse.uju.ac.bd	In Progress	08/31/2020	09/01/2020	2d	
6	study monday.com	Jinat Ferdousi Raka	Completed	08/31/2020	09/01/2020	2d	
7	Select top 4 pm tools	Mottasin Lemon	Completed	08/27/2020	09/01/2020	4d	
8	stude trello.com	Faria Deesha	Completed	08/31/2020	09/01/2020	2d	
9	create a profile and add ss to report	Mottasin Lemon, shossain172125...	Completed	08/31/2020	09/01/2020	2d	
	Add task						
Total: 8 tasks							

v) List:

Personal > Online Pharmacy > **Project management study report** Shared

List Board Table Gantt Chart Files Stream

Filters: All tasks | By Priority | Leave feedback

+ New task

submit report	Sep 1	On Hold
merge all of them	Sep 1	On Hold
study zoho.com	Sep 1	In Progress
study write.com	Sep 1	In Progress
study monday.com	Sep 1	Completed
Select top 4 pm tools	Sep 1	Completed
stude trello.com	Sep 1	Completed
create a profile and add ss to report	Sep 1	Completed

Buy now! 14 days left

vi) Files:

Personal > Online Pharmacy > **Project management study report**

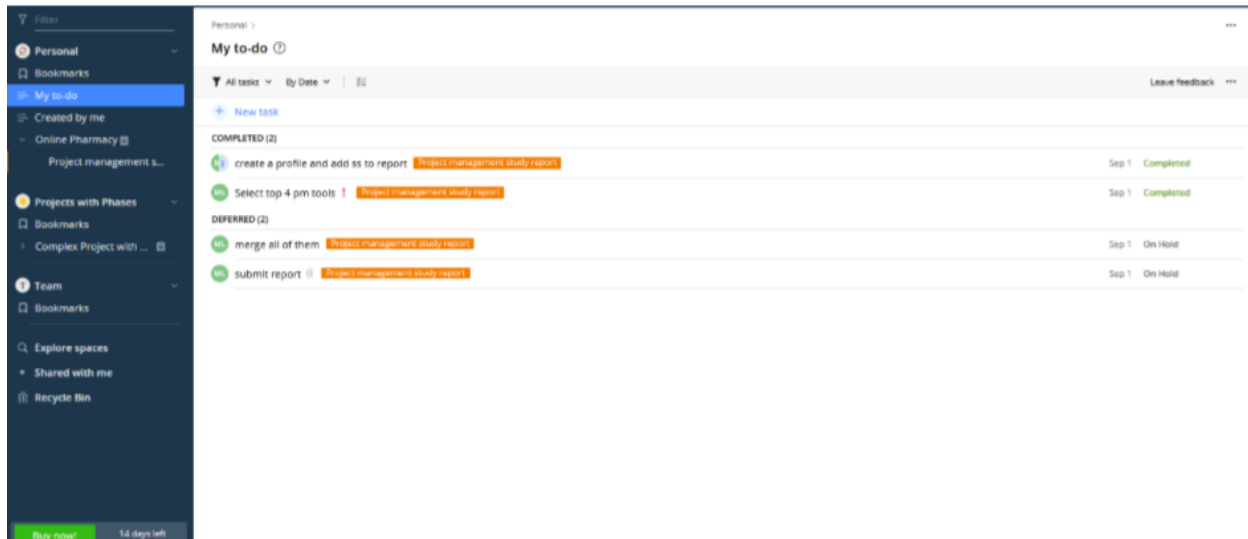
List Board Table Gantt Chart Files Stream

Filters: By upload date

Assignment_PM_Tools.pdf	submitreport	403 KB	8:41 PM	Mottasin Lemon
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Buy now! 14 days left

vii) My to-do:



UML Diagrams

The **Unified Modeling Language (UML)** is a general-purpose, developmental, modeling language in the field of software engineering that is intended to provide a standard way to visualize the design of a system.

UML can be used to develop diagrams and provide users (programmers) with ready-to-use, expressive modeling **examples**. Some UML tools generate program language code from UML. UML can be used for modeling a system independent of a platform language.

The current UML standards call for 13 different types of diagrams: **class**, **activity**, **object**, **use case**, **sequence**, **package**, **state**, **component**, **communication**, **composite structure**, **interaction overview**, **timing**, and **deployment**.

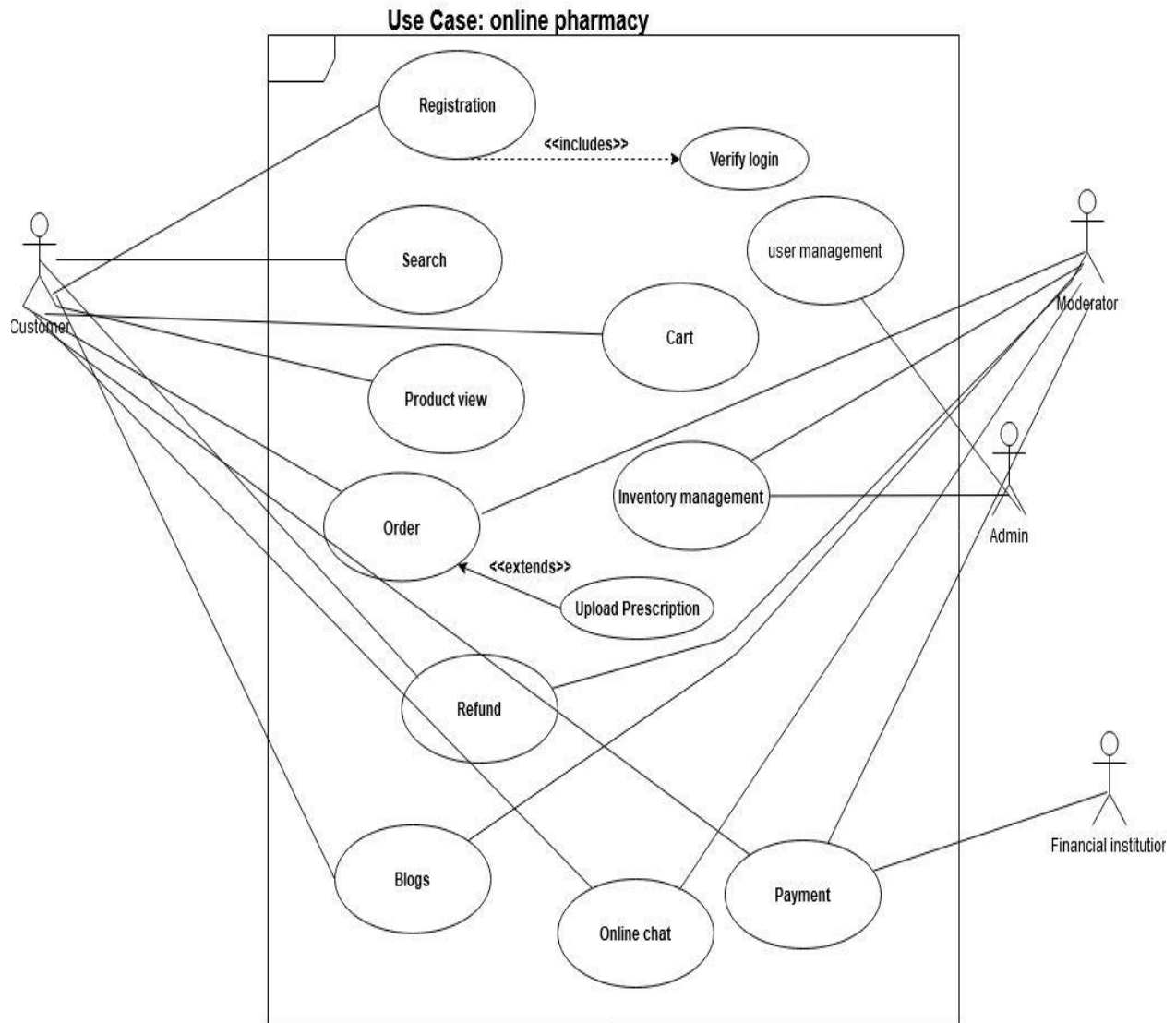
Among various types of diagrams we have shown:

1. Use case diagram
2. Class diagram,
3. Sequence diagram
4. State diagram

And discussed about use case descriptive form.

1. Use case Diagram:

A use case diagram at its simplest is a representation of a user's interaction with the system that shows the relationship between the user and the different use cases in which the user is involved.



2. Use case descriptive form:

- a. Use case name and number
- b. Primary Actor
- c. Stakeholders and Interests
- d. Pre-conditions
- e. Success Scenario

- f. Alternate Scenario
- g. Post-conditions

**i) Use Case Descriptive form On Registration:
(011 171 079)**

Use Case 01: Registration

Primary Actor: Customers.

Stakeholders and Interests:

1. Customers: Wants to get successfully registered in the website
2. Moderators: Wants to get registered successfully for work in the website
3. Admin: Needs to make sure that both Customers and Moderators has registered in order to log-in into the system

Pre-Condition:

1. Customers should be authorized user.
2. Customers should follow the instructions for using the website.

Post Conditions:

1. After registration, all the information of customers should be saved in the database.
2. So, when customers can logged in simply next time by giving user name and password

Success Scenario:

1. Customers goes to the website.
2. Customers successfully can fill up the form without any error in text bar.
3. Customers can successfully click the 'register now' button for registration.
4. Customers information stored in the database without error.

5. After click on 'register now' button successful message displayed to the customers

Alternate Scenario:

*a. The system may not respond.

Solution: Wait for the system to respond.

4a. Customer may not understand what information has to be given.

Solution: In the text bar which information has to be given should be written in clearly.

4b. Customer after registration may not able to log in by giving user name and password.

Solution: Customer can contact by online chat through website.

ii) Use case descriptive form on reward points: (011 172 125)

Use Case Number & Name

UC-04 Reward Points

Primary Actor: Customer

Stakeholders & Interests

- **Customer:** Wants reward points to be added quickly and accurately on each order completion.
- **Moderators:** Wants no error in adding reward points to users' eWallet.
- **Admin:** Wants no error in adding reward points to users' eWallet.
- **Financial Institution:** Wants the payment to be paid quickly and accurately.

Pre-conditions

- Customer is identified and authenticated.
- Customer has successfully placed an order.

Success Scenario

1. Customer has placed an order.
2. Then the customer pays the bill.
3. Based on the payment of the order, reward point is added to the customer's e-Wallet.
4. Customer has redeemed the reward points and got equivalent amount of money for those reward points.

Alternative Scenario

- The customer is not able to place an order.
 - 1) Checks if all the products are available or not and then edit the cart and re-order.
- Reward point is not added to the customer's eWallet.
 - 1) Checks if the payment is done or not.
 - 2) For other problems contact with the admin/moderator.
- Inaccurate reward points added to eWallet.

Tell the admin/moderator, admin then verify the problem and solves it.

Post Conditions

- User database is correctly updated.

- Reward points added to the customer's e-Wallet and the database is also updated.

iii) Use case descriptive form on Cart: (011 171 070)

Use Case UC 05: Cart

Primary actor: Customer

Stake holders and Interests:

Customers: The customer wants fast service and wants easily.
add and remove the products from the cart.

Admin: Wants accurately data saved, wants order option
performed, no payment error and customer
satisfaction.

Preconditions:

Customer is identified and authenticated.

Success Scenario:

- 1.Customer enters the website to purchase and view the products list.
- 2.Customer chooses the products from the products list.

3. Customer selects as many products as his/her wish.
4. Customer adds the products into the cart and view the cart list.
5. Customer also deletes the unwanted products from the cart.
6. Customer orders their desired product by clicking the order now button and purchases the products.

Alternative scenario:

***a. At any time, System can fail:**

Solution: i. Customer restarts System, logs in and request recovery of prior state.

ii. System re-constructs prior state.

4. Customer can't add their desired product.

Solution: i. Contact admin or moderator, they check and solve it.

4. Customer can't view the cart list.

Solution: i. Webmaster needs to solve the problem.

5. Customer can't delete their unwanted products.

Solution: i. Admin solves the problem as soon as possible.

3-6. DB failed

Solution: i. Web master needs to reconstruct the system.

Post-conditions:

Products are easily added in to the cart, data is saved correctly, database is updated.

iv) Use case descriptive form on Refund: (011 171 082)

Use Case 07: Refund

Primary Actor: Customer

Stakeholders and Interests:

1. Customer: Wants to get successfully place the refund request, no errors and get an fast reply from proper authority.
2. Moderator: Wants customer to successfully place their request and he/she can successfully handle the refund requests.
3. Admin: Wants to accurately record transactions and information and satisfy customer interests.

Pre Condition:

1. The customer, moderator should be a authorized user.
2. Customer, moderator should know the username and password for logging in.
3. Customer must place an order and paid for it.

Post Conditions:

1. The request remains even when the customer logs out.
2. The changes are made in the database.
3. The customer can see the reply form moderator.

Main Success Scenario:

1. Customer goes to the website
2. Customer logs into the system using the user email and password
3. Customer navigates to the "Refund" page from the "home page"
4. Customer finds the request section and clicks the make request button
5. Customer fill up the form for refund request and click "confirm request" button.
6. Moderator logs into the system with user email and password.
7. Moderator see the refund requests by going the "request page" and clicks "see details" button and system navigates him to "refund page".
8. He sees payment status by clicking "payment verified" button and also checks the policy form policy section.
9. He approves or not by clicking "accept" / "not accept" buttons and writes a reply and send it with "send" button.
10. He makes payment with pay button.

Alternate Scenario:

*a. The system may not respond

Solution: Wait for the system to respond and try again

3-5. customer may not find the "refund page", "confirm request" button

Solution: try to refresh the page if still not found, need to contact the moderator

7,8. Moderator may not find the "request page", "payment verified" button, "accept" / "not accept" buttons, "send" button, "pay" button

Solution: needs to contact the admin

9-10. If not approved by moderator the reply is send not approved and also payment is not done.

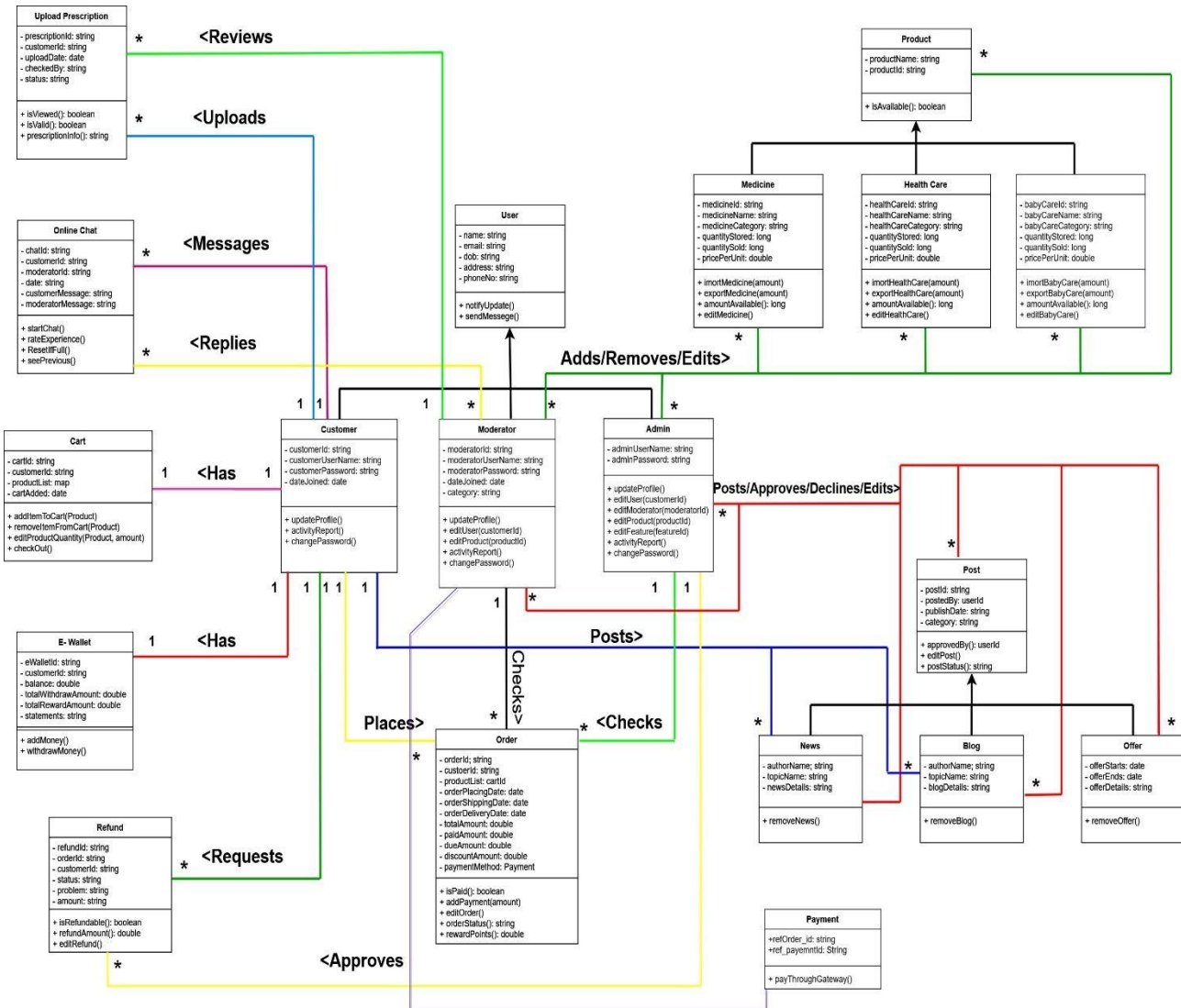
Solution: If customer finds that the request is valid and still not approved ,customer can re-submit the request and also can contact with the moderator.

Issues

1. If user email or password is not correct. Error message will be Shown.

Class diagram

In software engineering, a class diagram in the Unified Modeling Language is a type of static structure diagram that describes the structure of a system by showing the system's classes, their attributes, operations, and the relationships among objects.

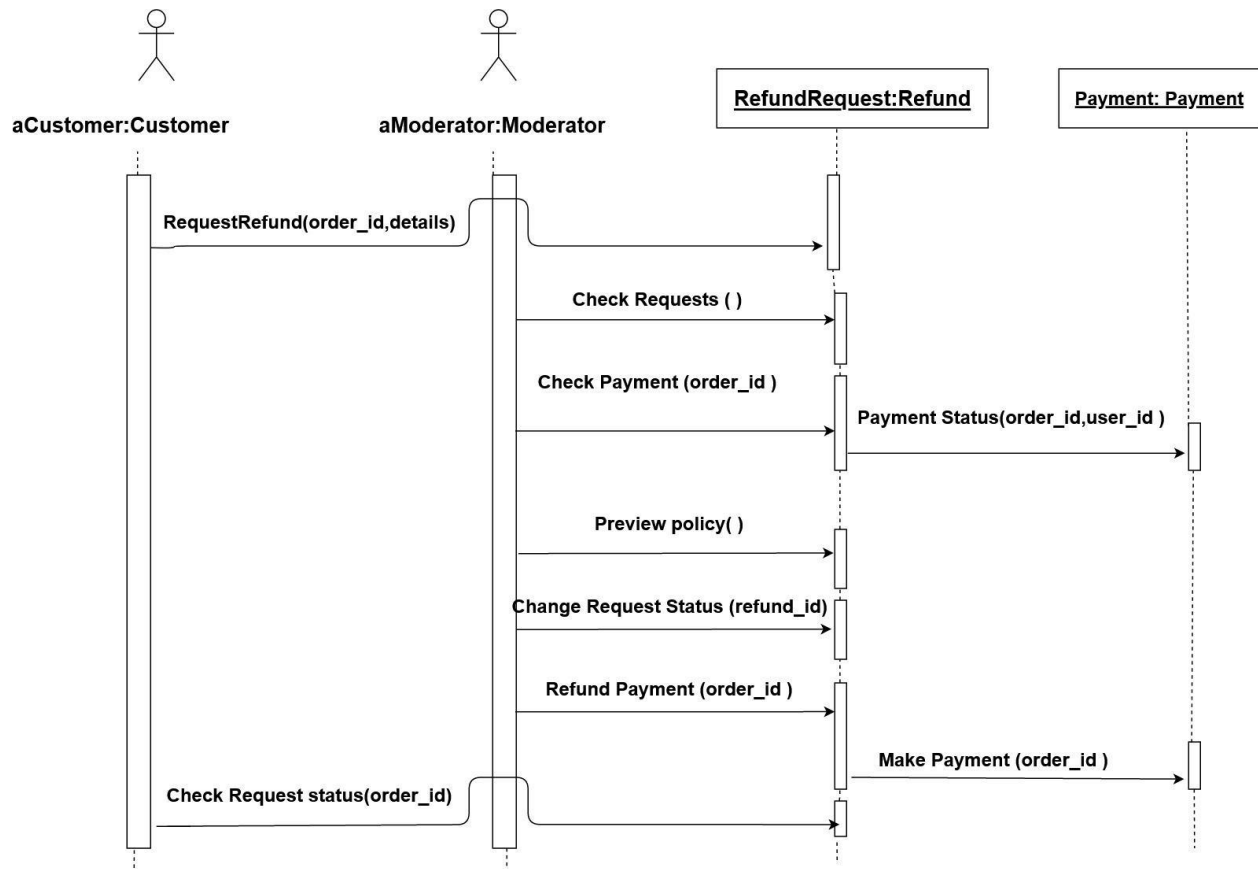


Sequence diagram

A **sequence diagram** shows object interactions arranged in time sequence. It depicts the objects involved in the scenario and the sequence of messages exchanged between the objects needed to carry out the functionality of the scenario.

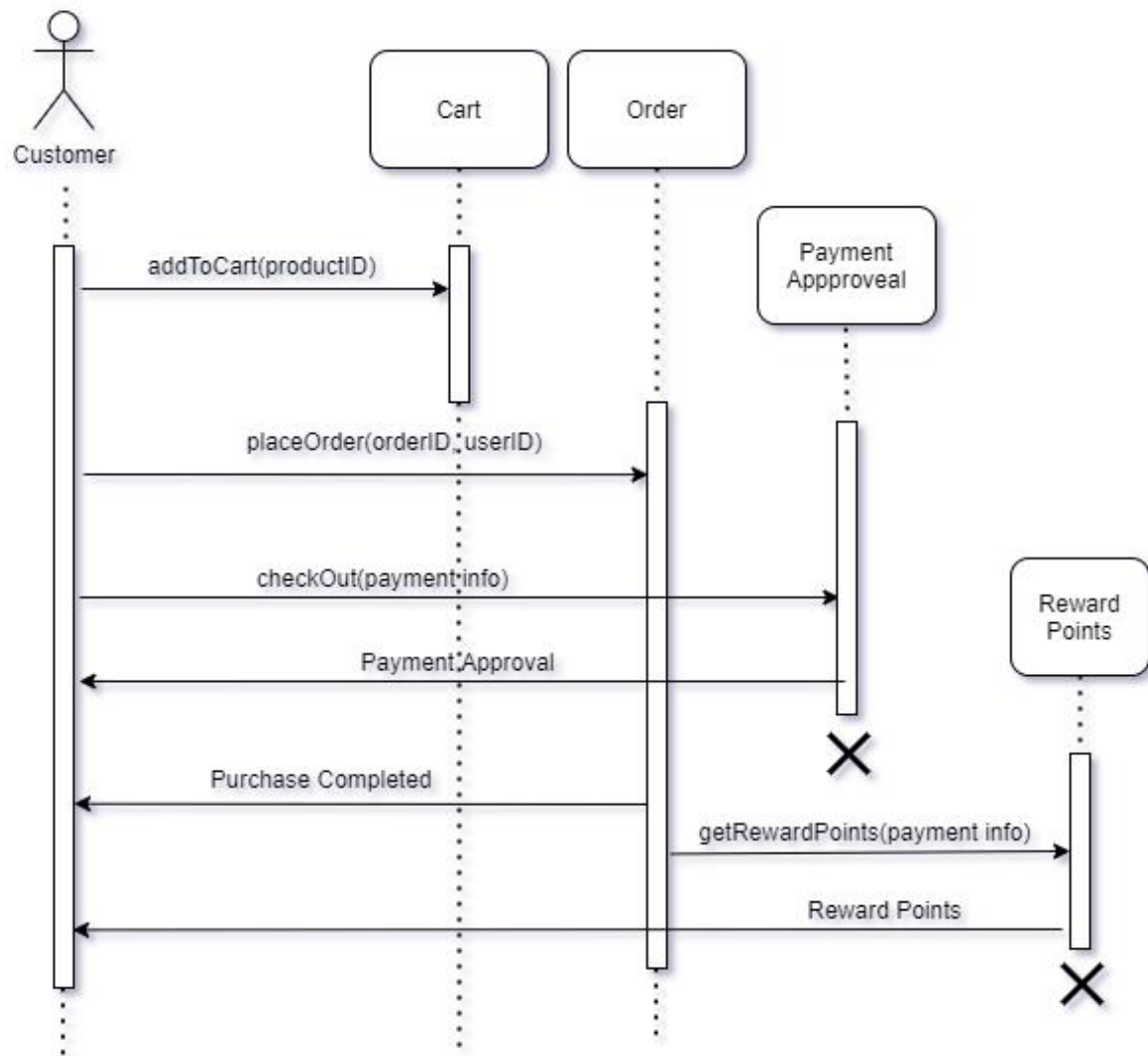
ID: 011 171 082

Sequence diagram: (Refund)



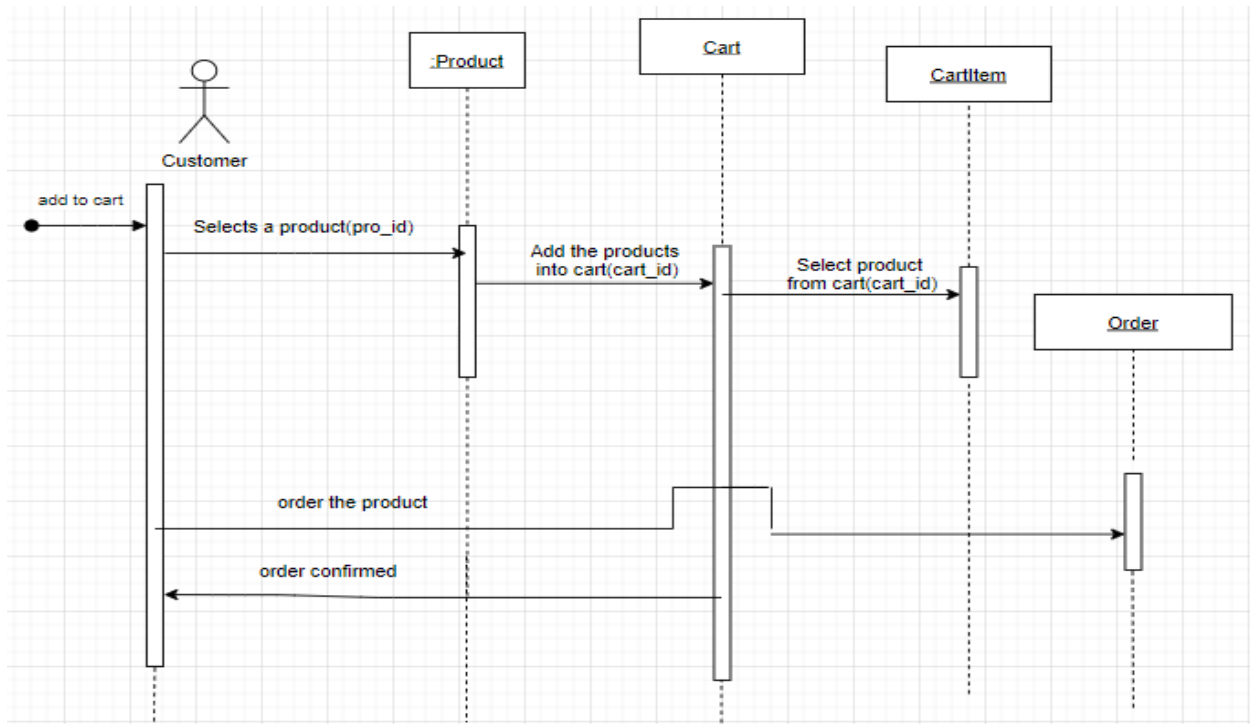
ID: 011 172 125

Sequence diagram: (Reward Points)



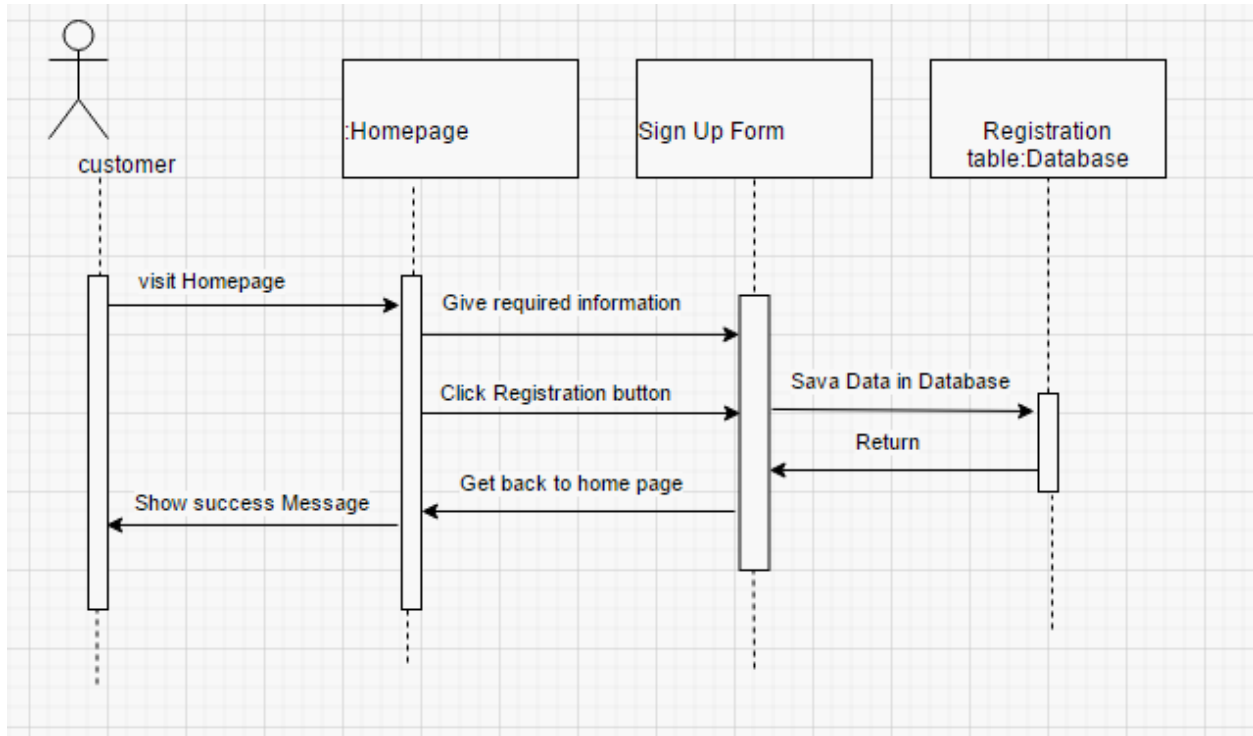
ID: 011 171 070

Sequence diagram: (Cart)



ID: 011 171 079

Sequence diagram: (Registration)



ID: 011171279

Sequence diagram: (Offers And posts)

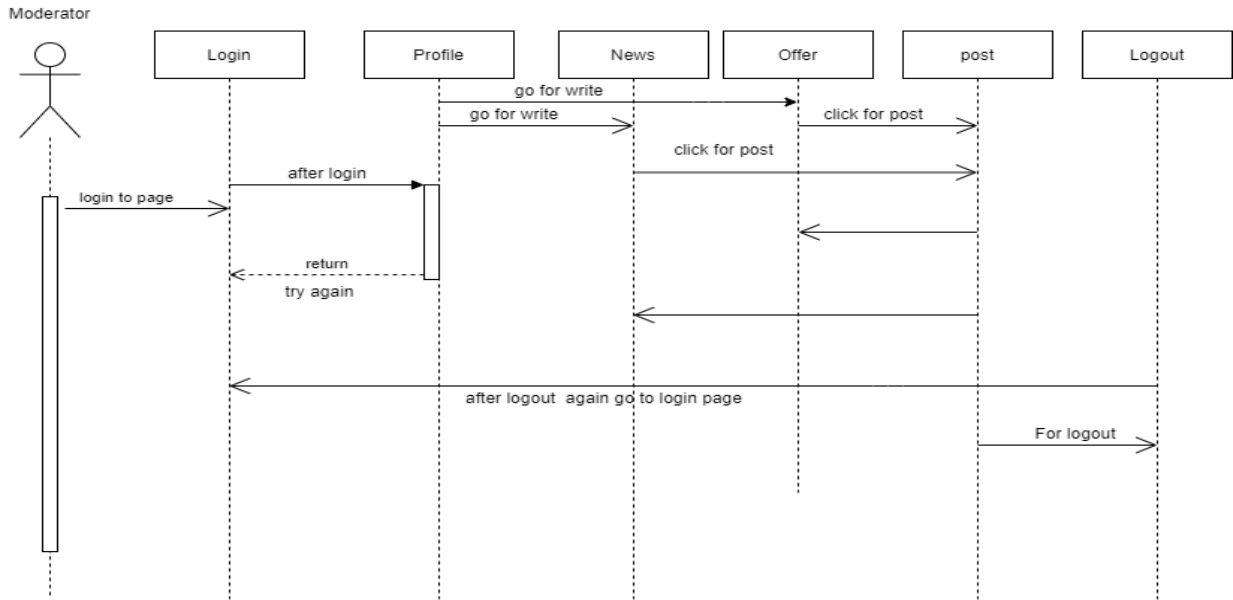


Figure: Moderator's Sequence diagram

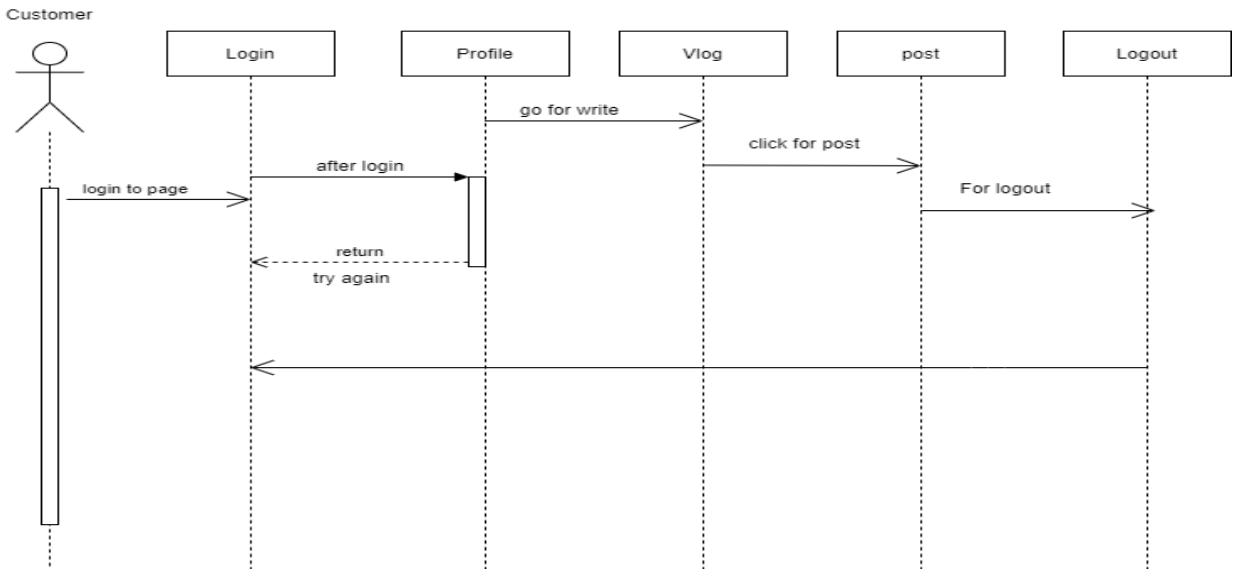


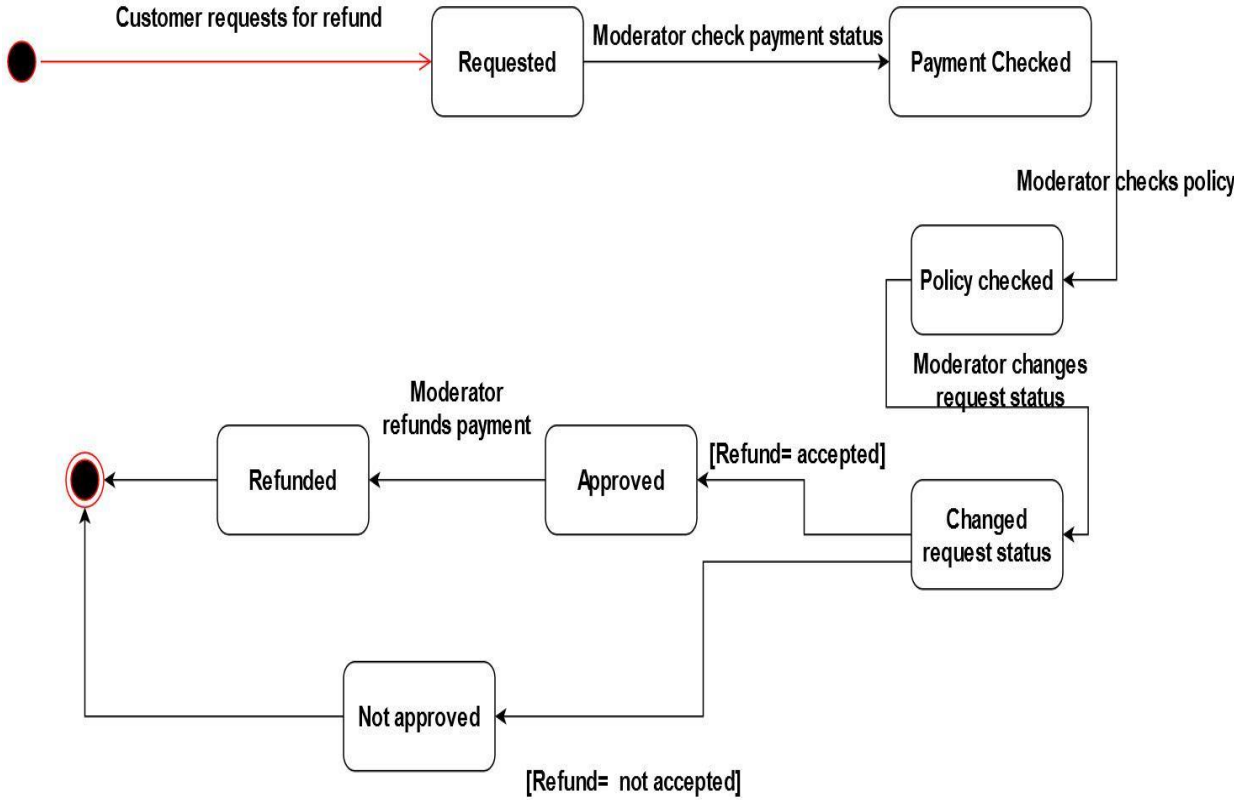
Figure: Customer's Sequence diagram

State diagram

A **state diagram** is a type of diagram used in computer science and related fields to describe the behavior of systems. State diagrams require that the system described is composed of a finite number of states; sometimes, this is indeed the case, while at other times this is a reasonable abstraction.

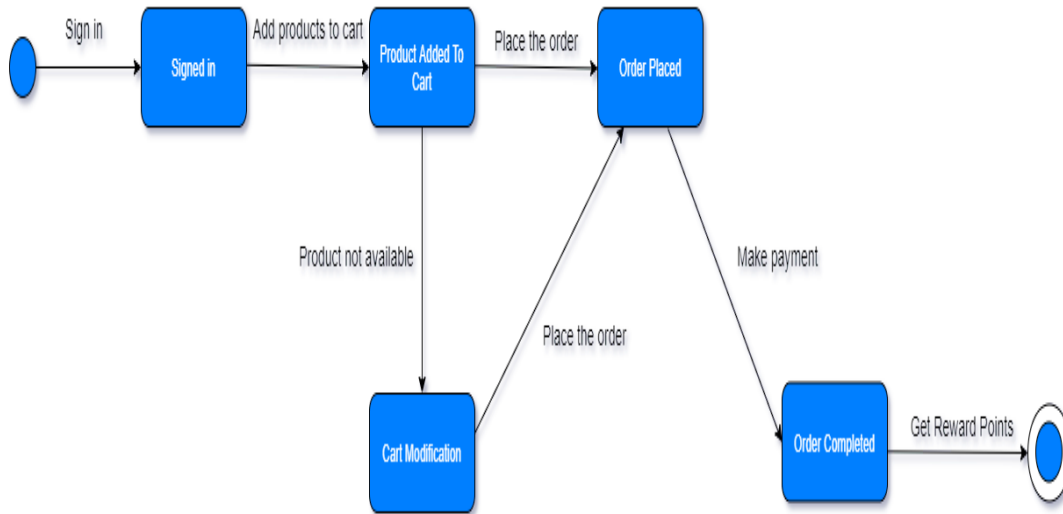
ID: 011 171 082

State diagram: (Refund)



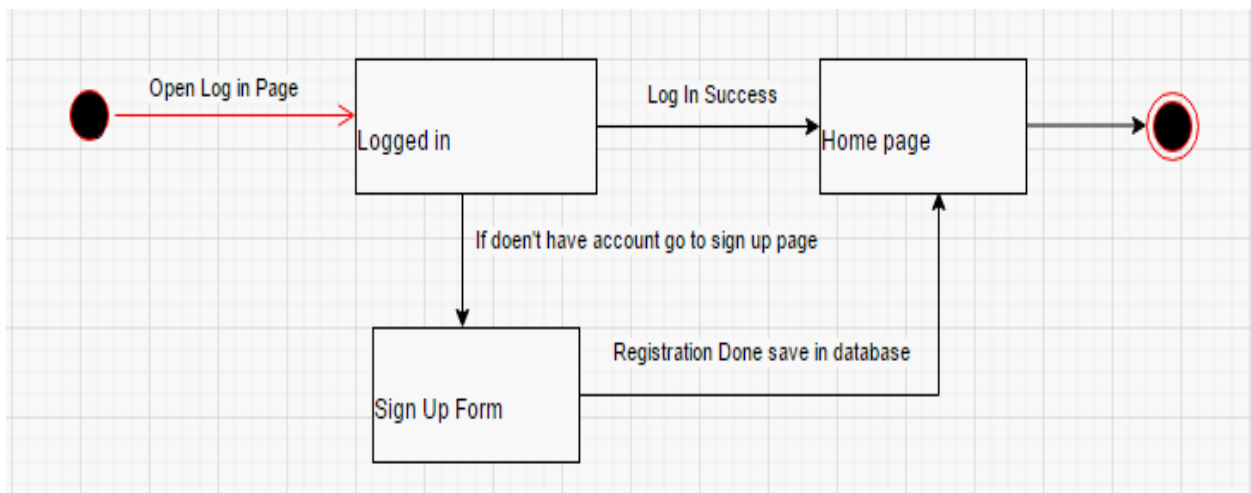
ID: 011 172 125

State diagram: (Reward points)



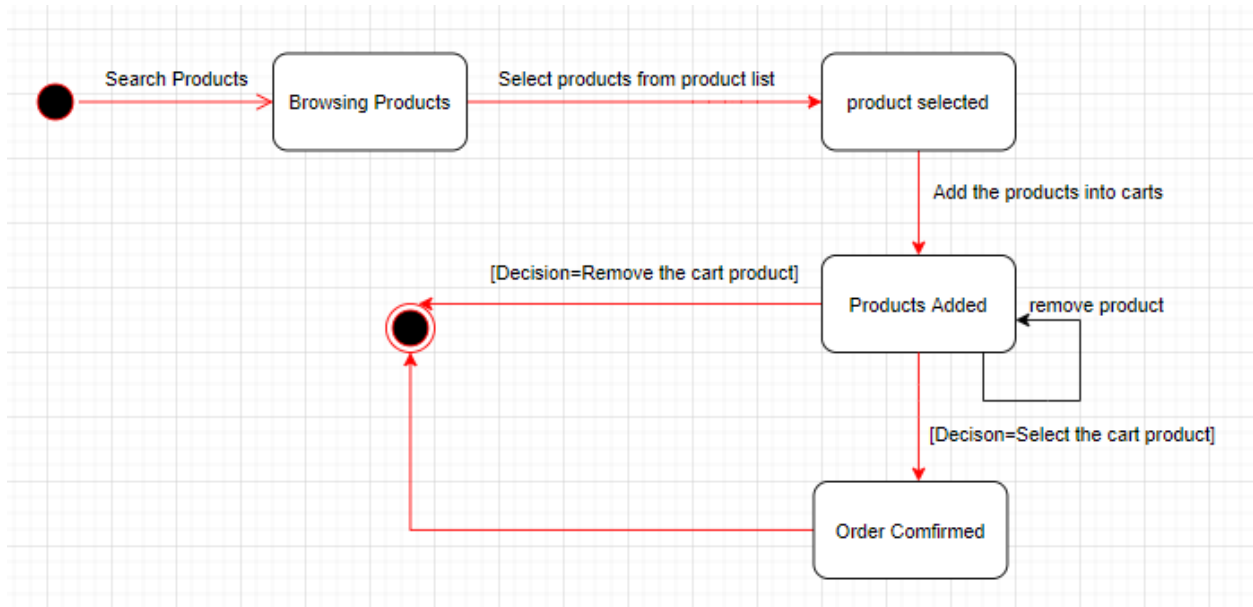
ID: 011 171 079

State diagram: (Registration)



ID: 011 171 070

State diagram: (Cart)



ID: 011 171 279

State diagram: (Customer Post)

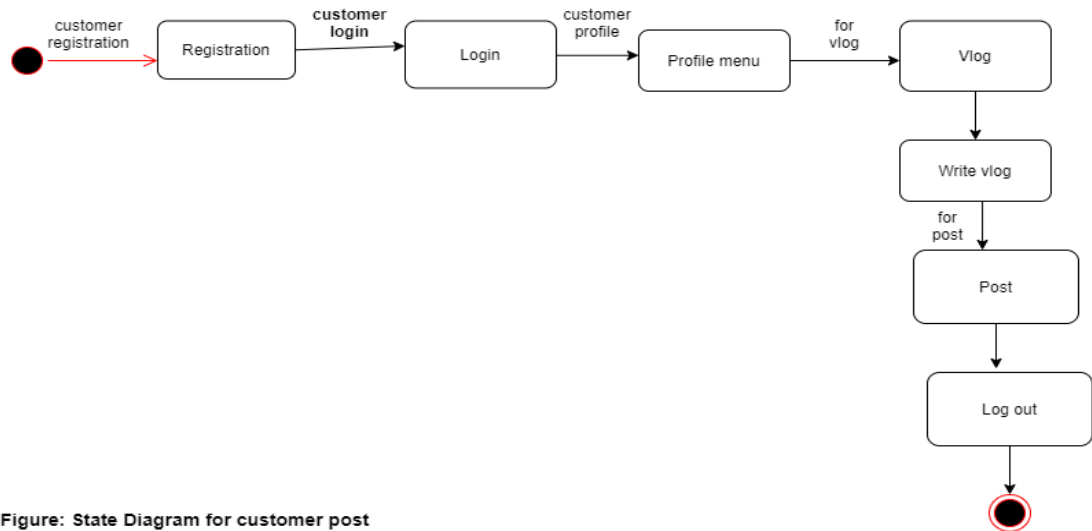
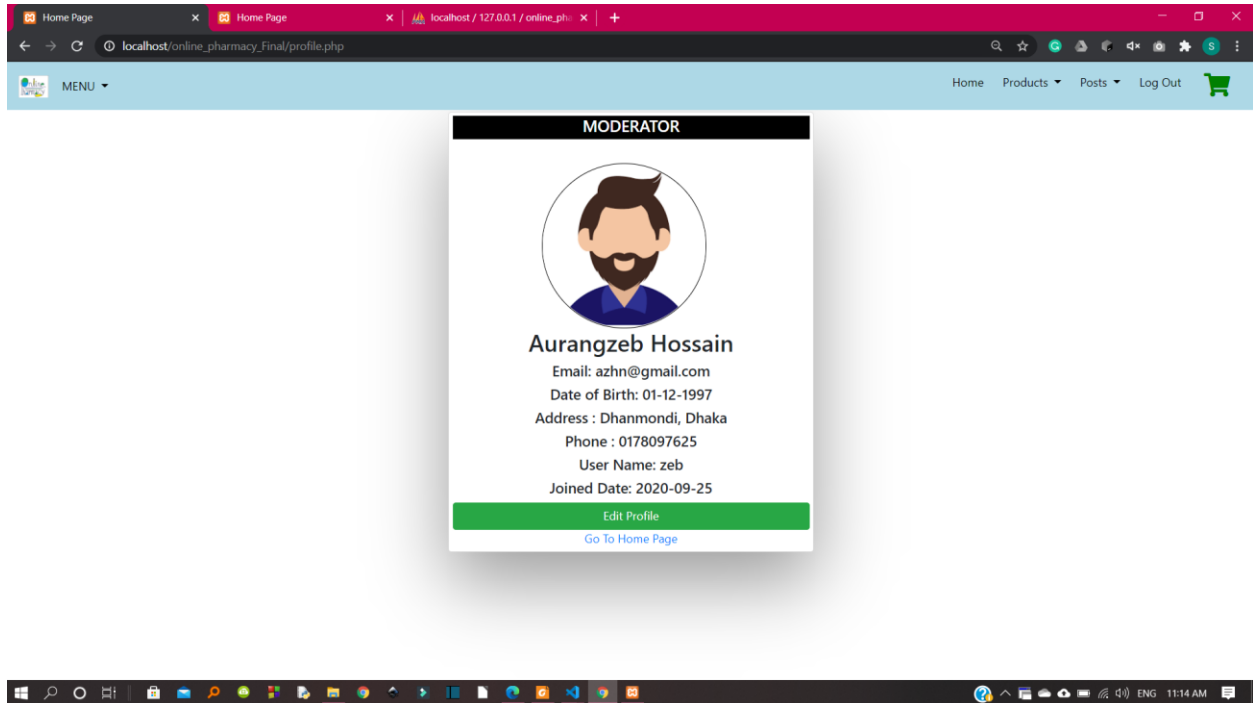


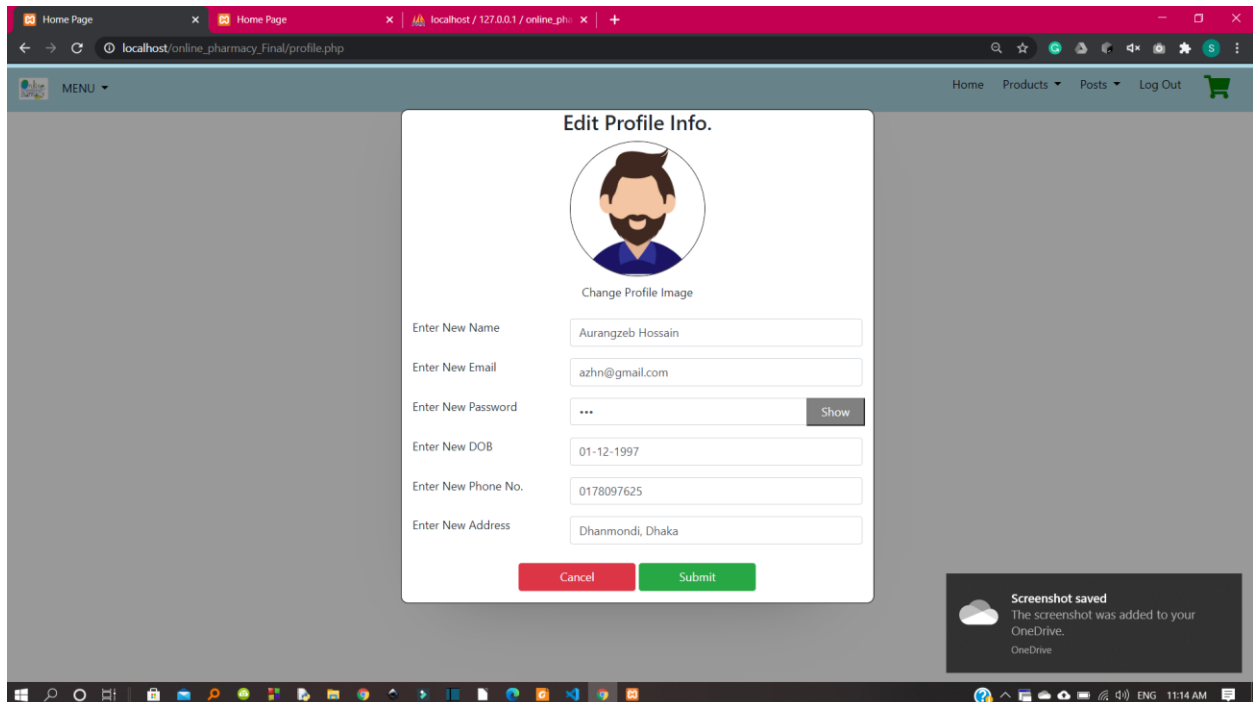
Figure: State Diagram for customer post

Screenshot Of the projects

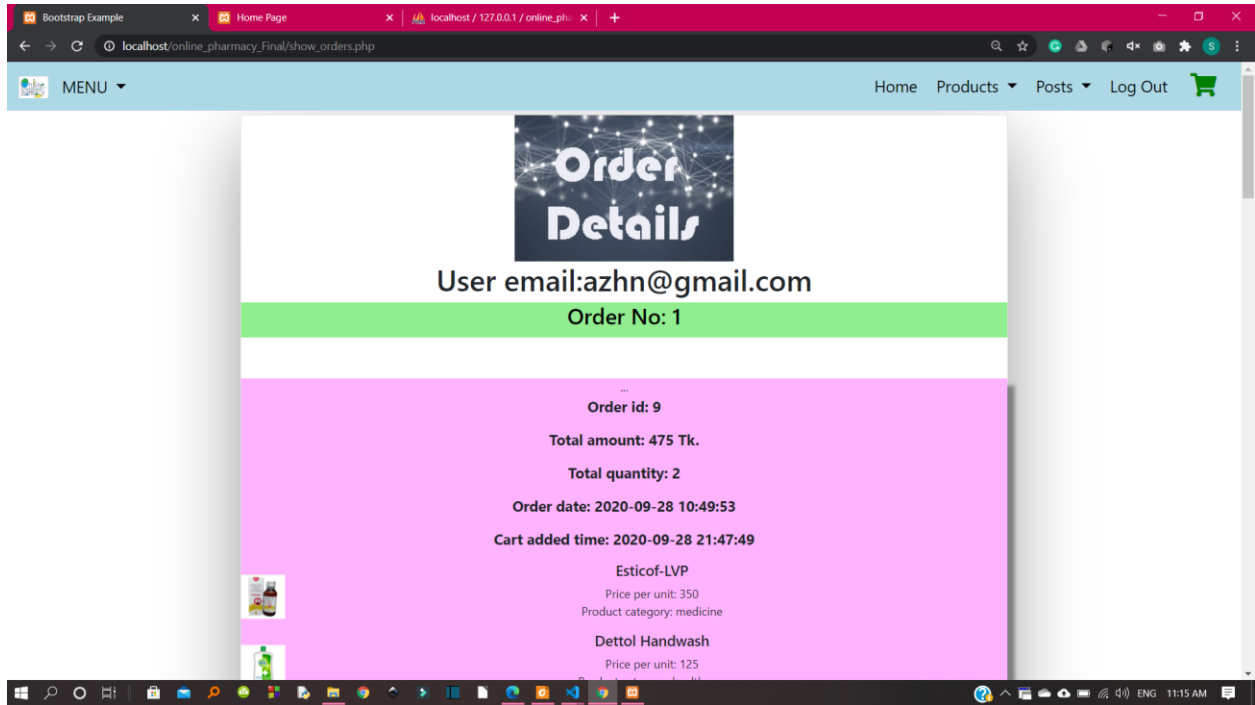
1.Profile information show



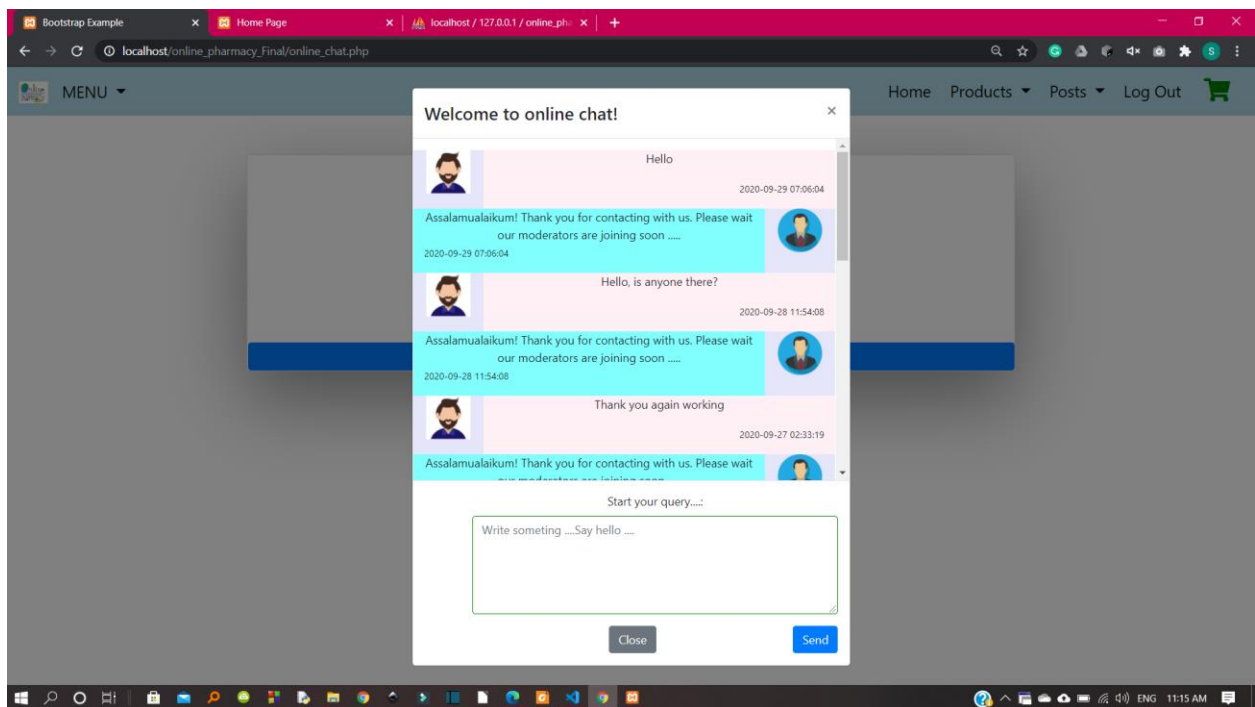
2.Edit profile information



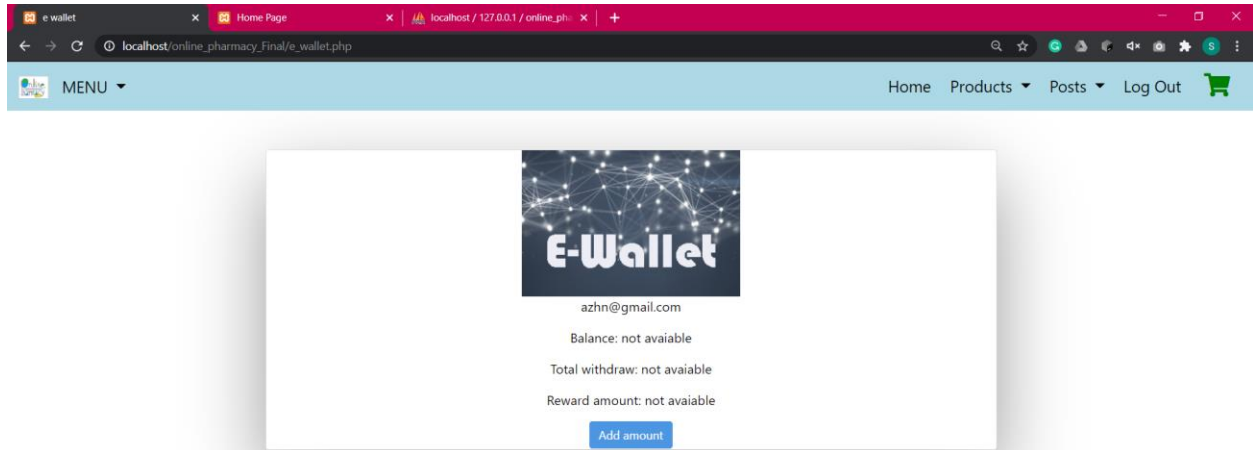
3. Order details



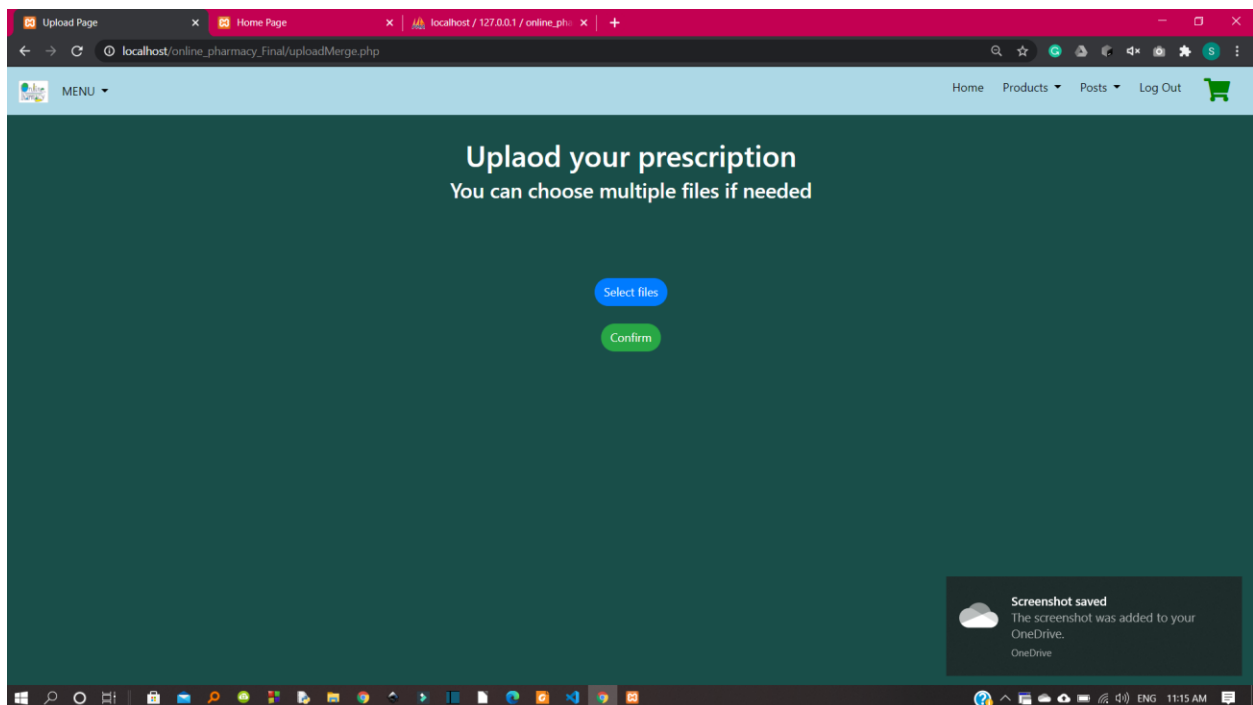
4. Online chat



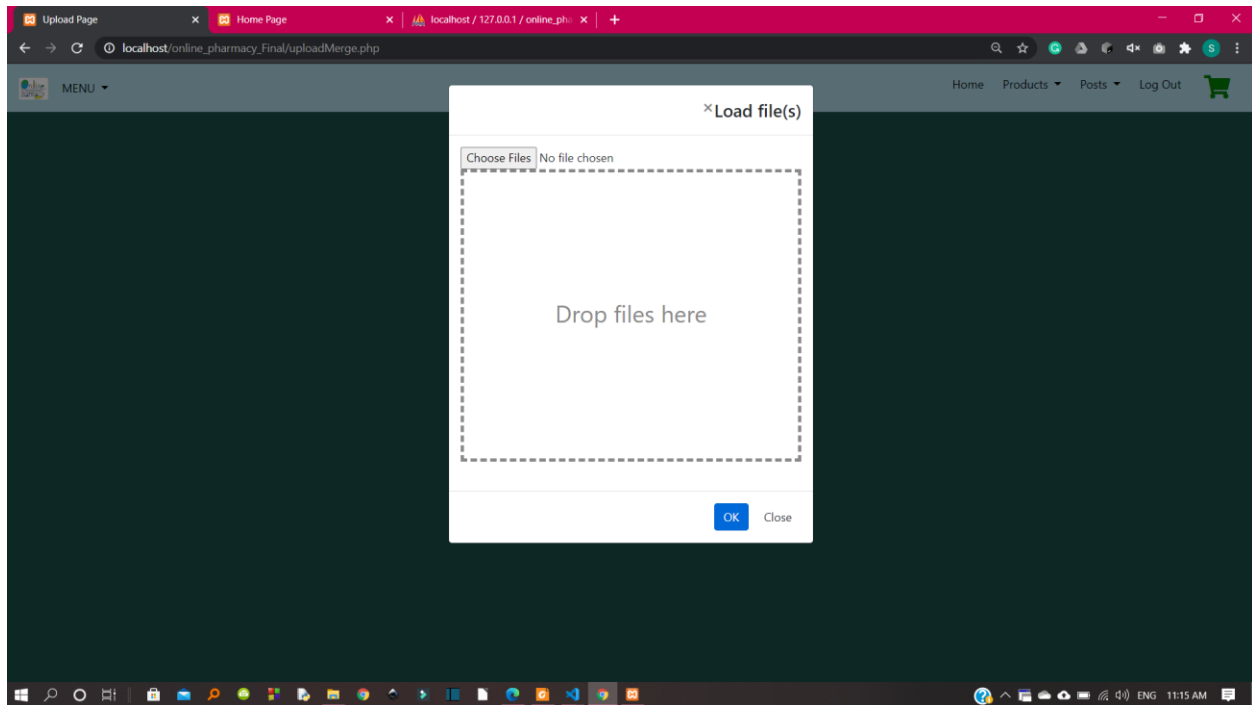
5.E-wallet



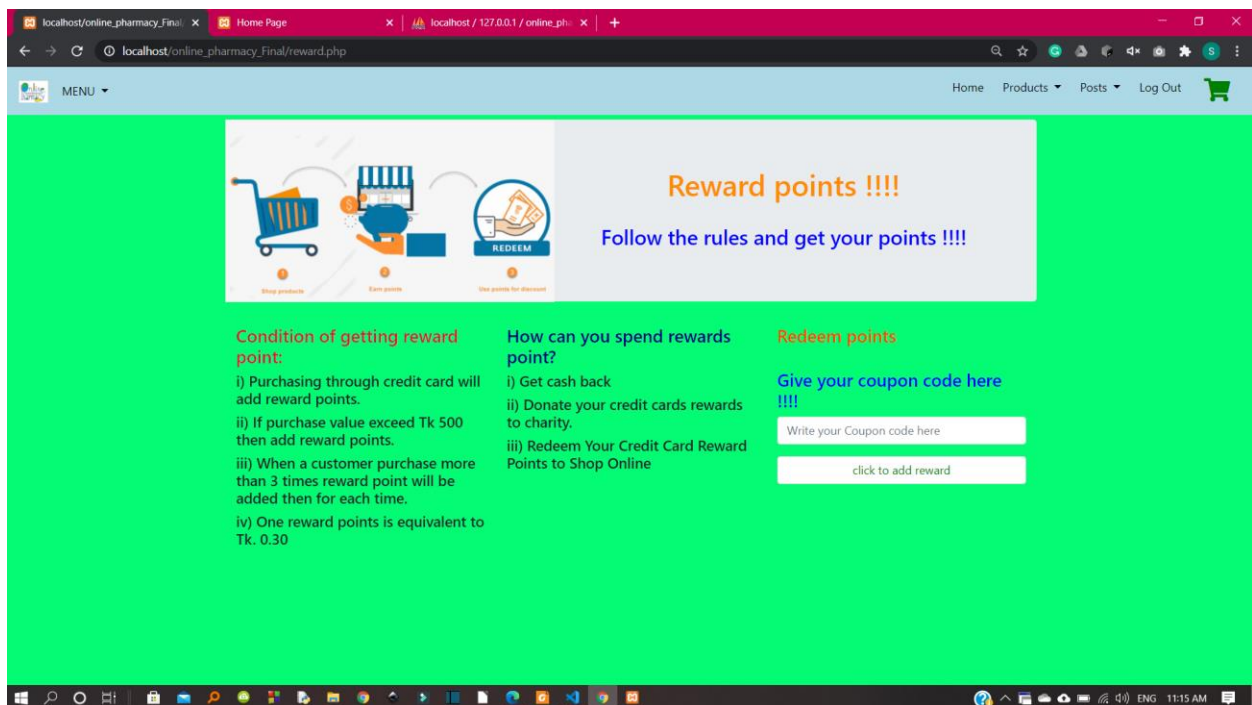
6.Upload prescription



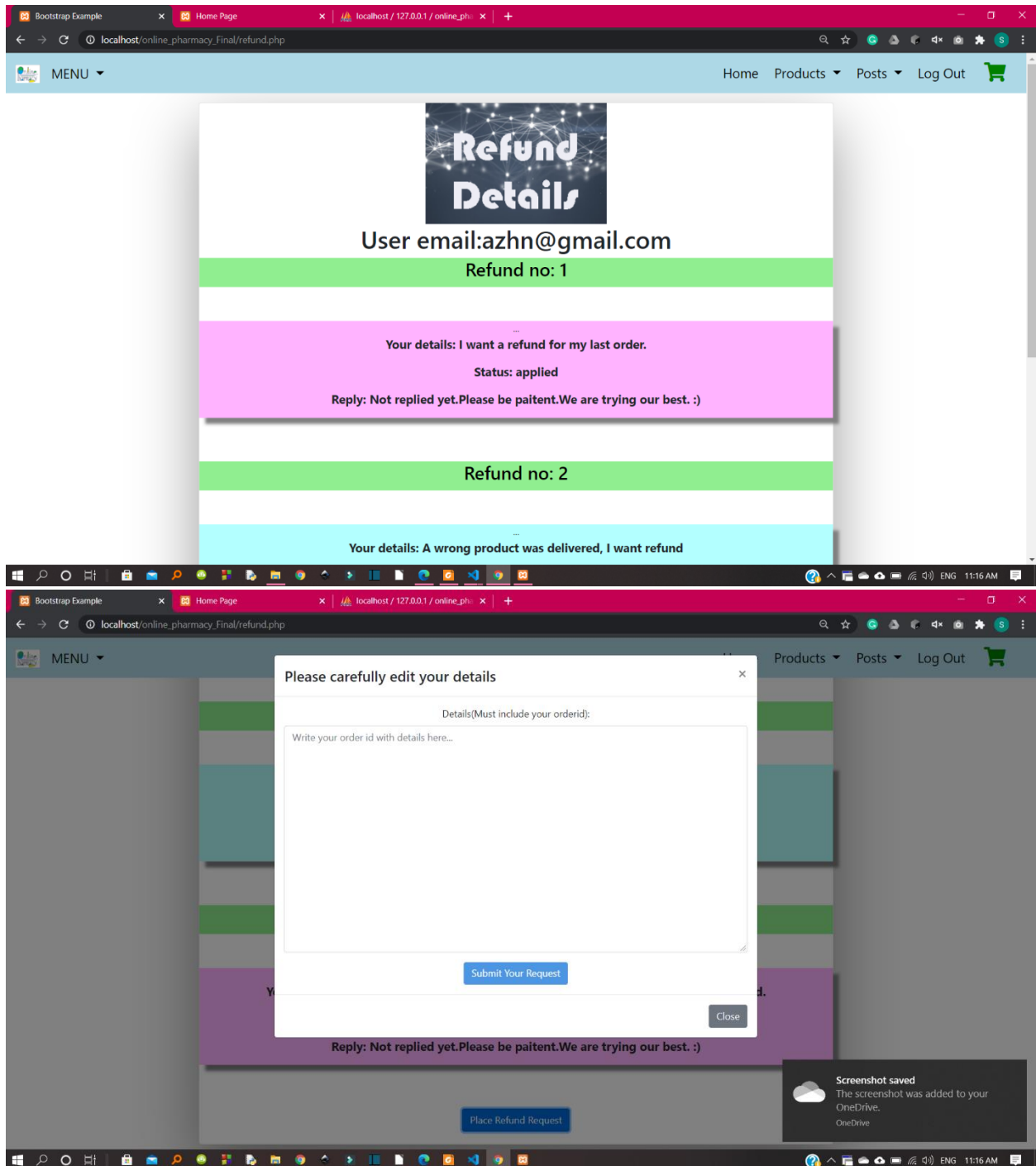
7. Upload prescription with drag and drop



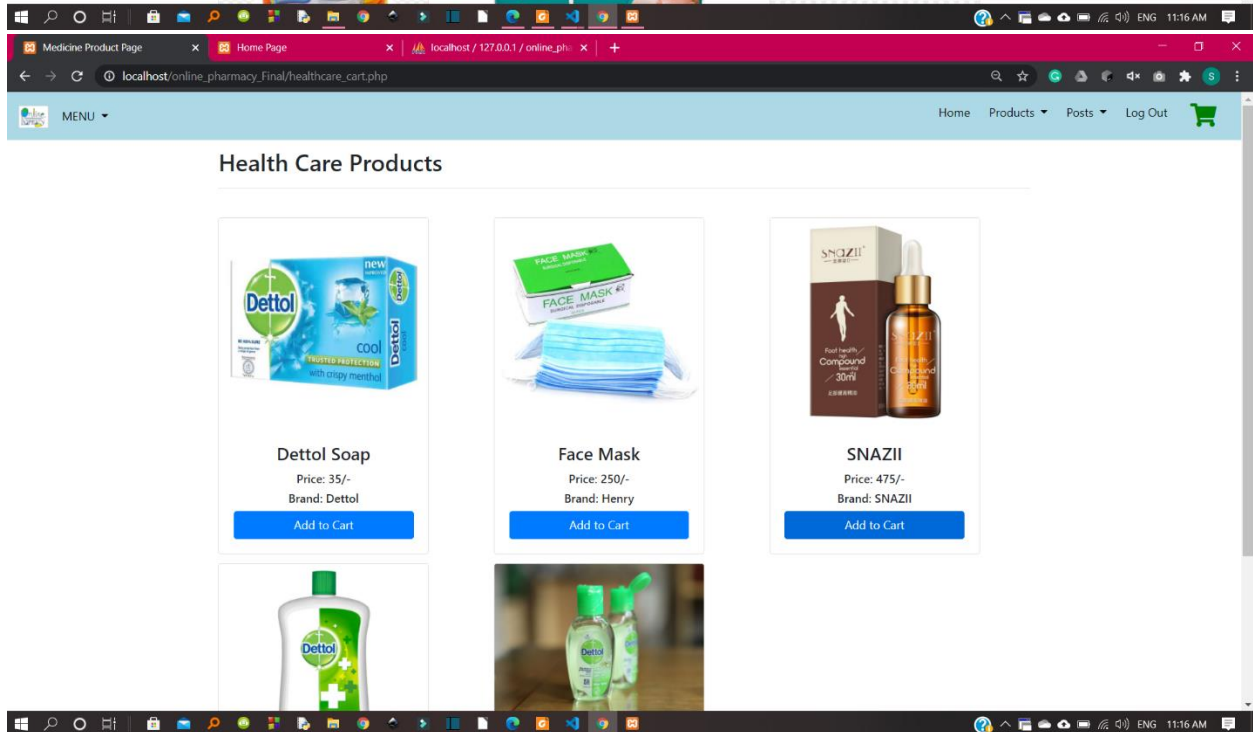
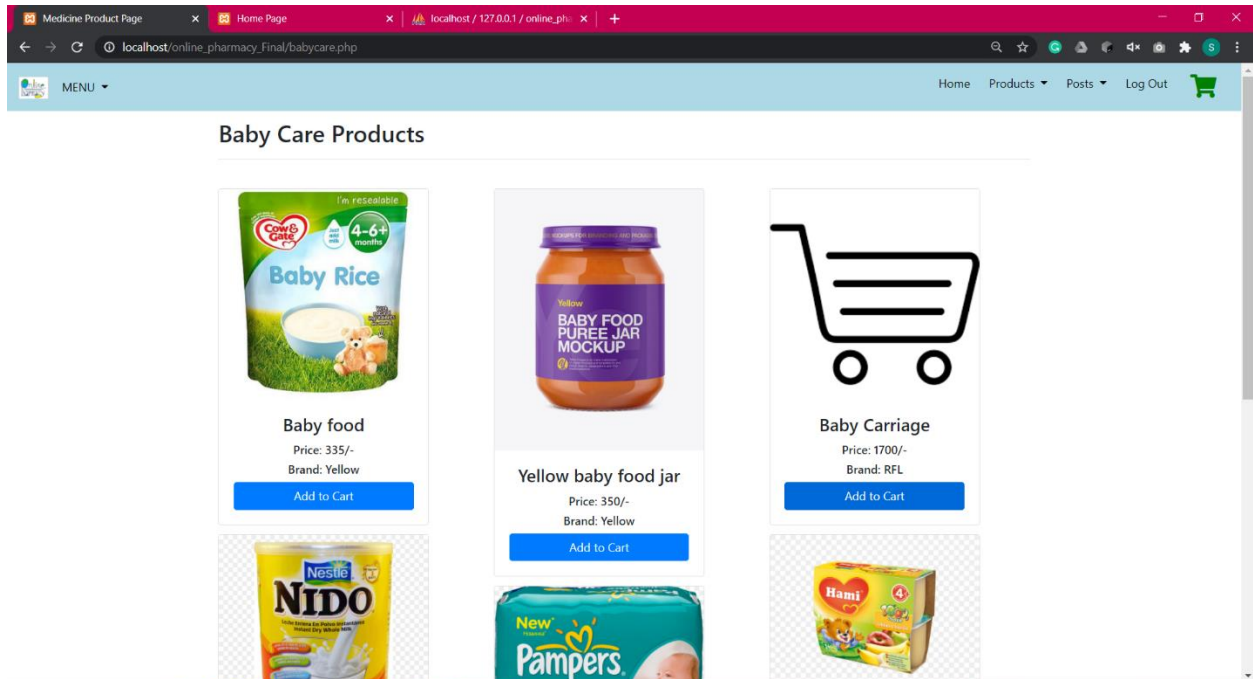
8. Reward and Redeem coupon page

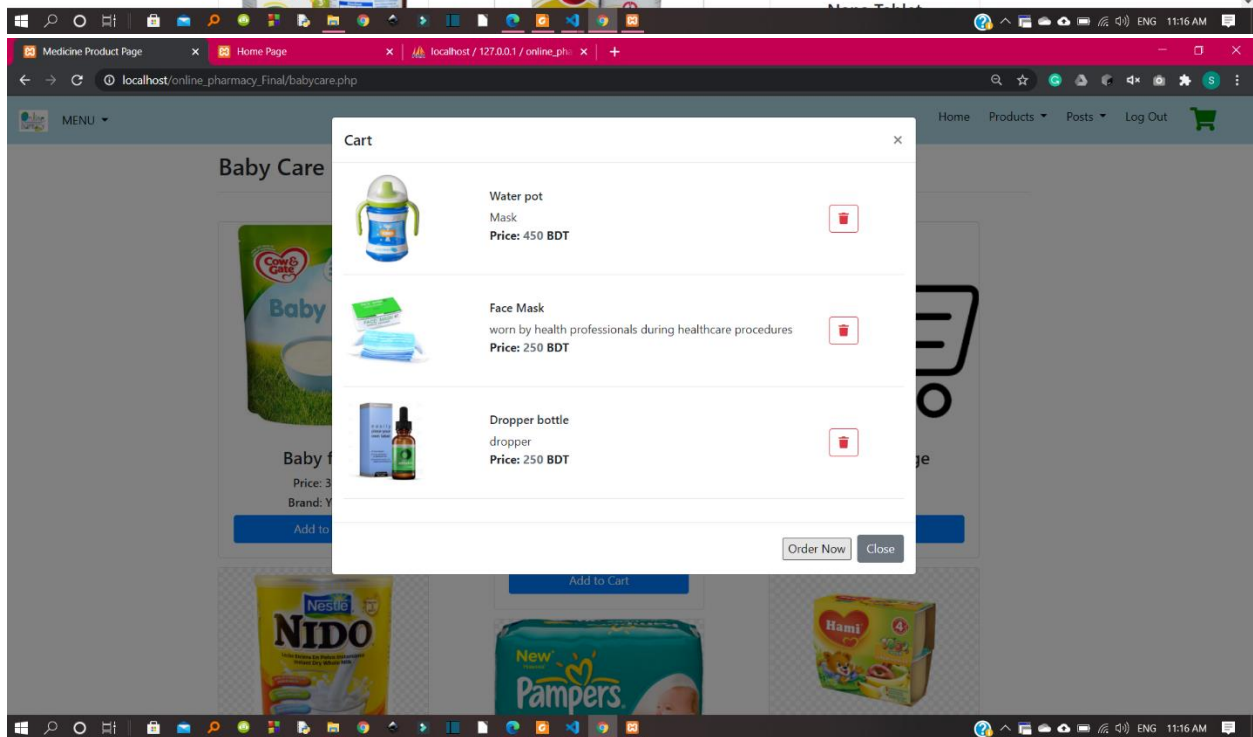
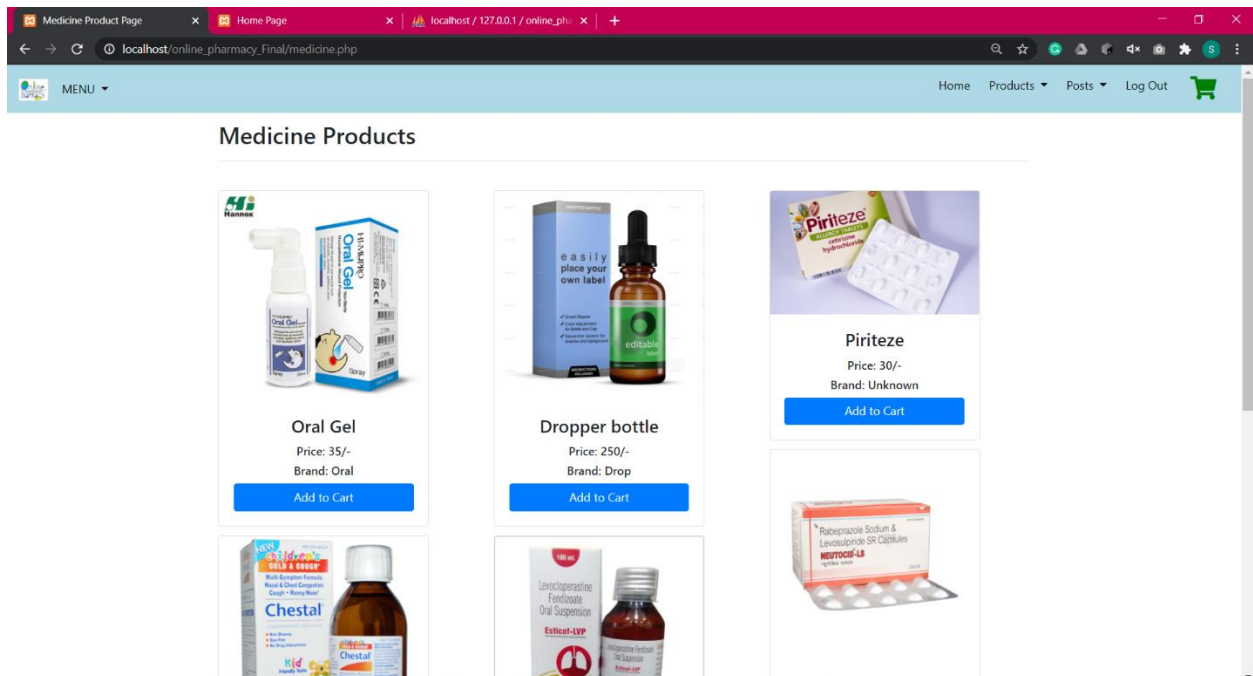


9. Refund place and details show



10. Medicine, healthcare, baby care product page with view cart option and add to cart option





11.Show blogs, news, offers

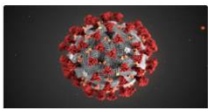


What are the benefits of Exercise?

Author: Medicine Plus

We have all heard it many times before - regular exercise is good for you, and it can help you lose weight. But if you are like many Americans, you ar...

[Read More](#)

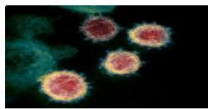


What is Corana virus?

Author: World Health Organization

Coronaviruses (CoV) are a large family of viruses that cause illness ranging from the common cold to more severe diseases such as Middle East Respirat...

[Read More](#)



What does SARS-CoV-2 stand for?

Author: World Health Organization

Cause SARS coronavirus (SARS-CoV) - virus identified in 2003. SARS-CoV is thought to be an animal virus from an as-yet-uncertain animal reservoir, ...

[Read More](#)



Heart Disease

Author: medicalnewstoday.com


Heart disease is a term covering any disorder of the heart. Unlike cardiovascular disease, which describes problems with the blood vessels and circ...

[Read More](#)

Blags Page x Home Page x localhost / 127.0.0.1 / online_ph... x +

localhost/online_pharmacy_Final/offer.php

MENU Home Products Posts Log Out



20% Discount!!!
Author: Admin
 Discount On Every Sanitization Products! In this pandemic, Sanitization products have become so rare, but we are here! Providing upto 20% discount on ...

[Read More](#)



12. Search option

Home Page x Home Page x localhost / 127.0.0.1 / online_ph... x +




localhost/online_pharmacy_Final/home.php?name=O&search=Search


MENU Home Products Posts Log Out

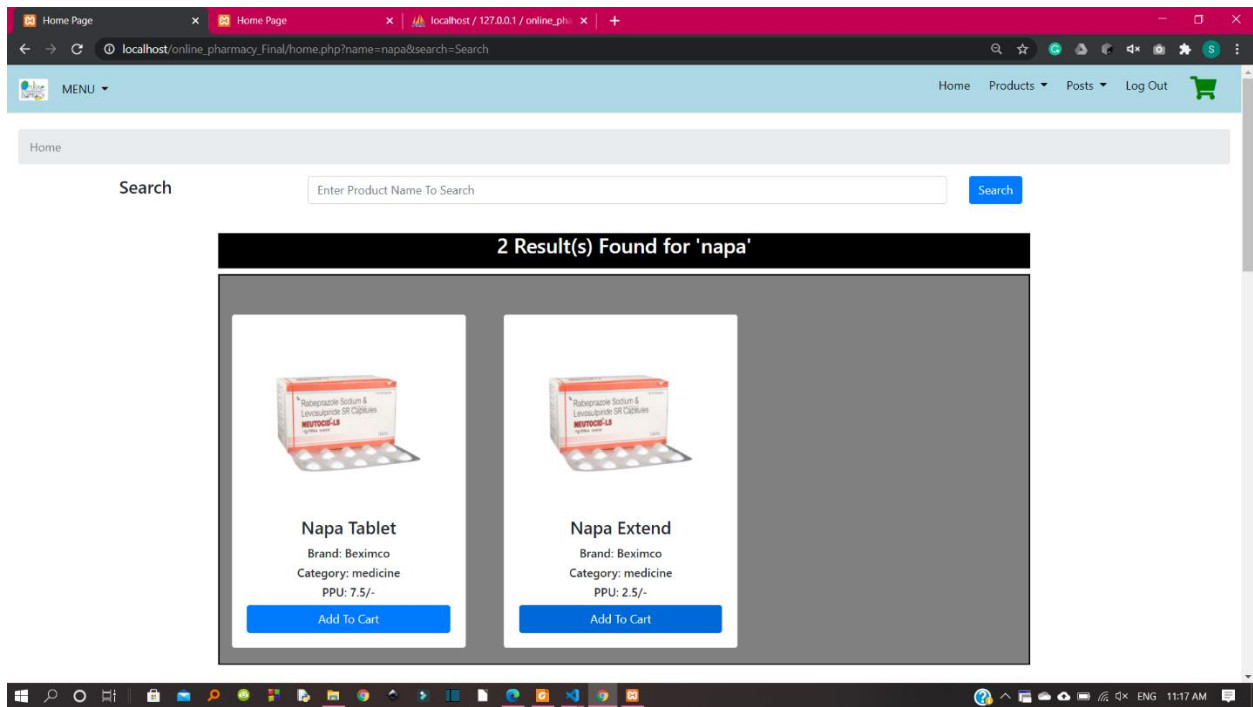
Home

Search [Search](#)

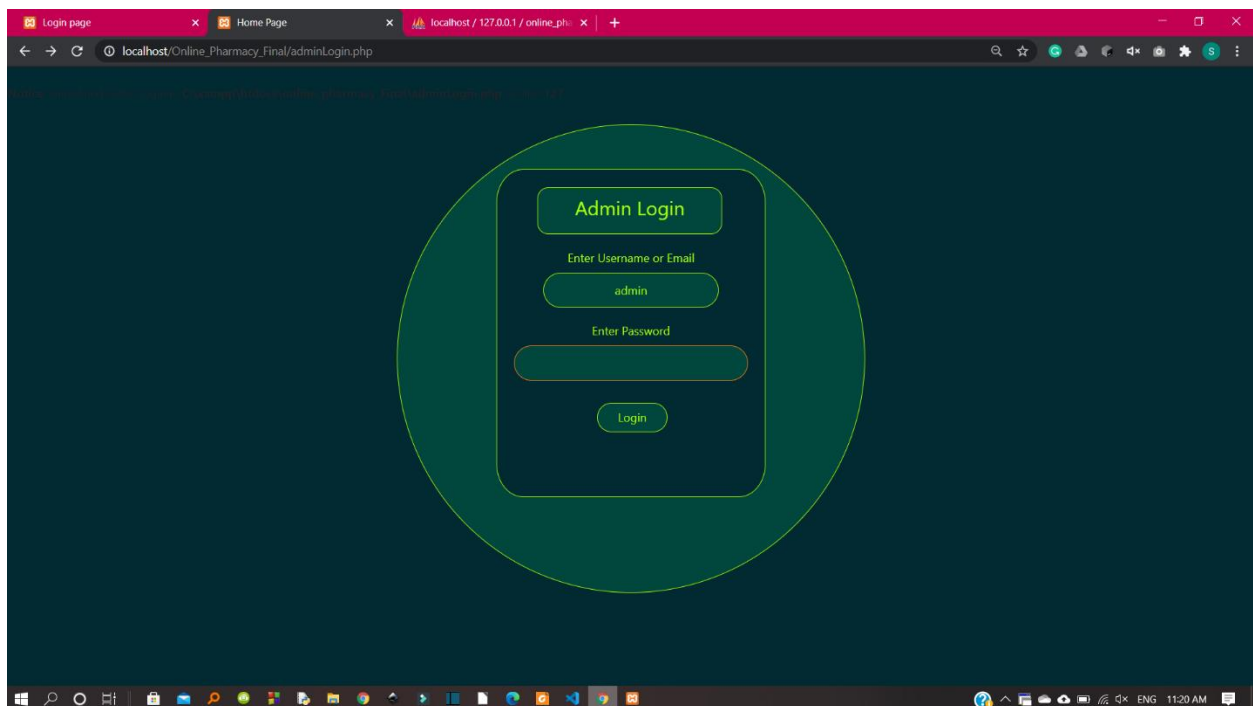
14 Result(s) Found for 'O'

 <p>Dettol Soap Brand: Dettol Category: healthcare PPU: 35/-</p> <p>Add To Cart</p>	 <p>Water pot Brand: Henry Category: babycare PPU: 450/-</p> <p>Add To Cart</p>	 <p>Esticof-LVP Brand: LVP Category: medicine PPU: 350/-</p> <p>Add To Cart</p>
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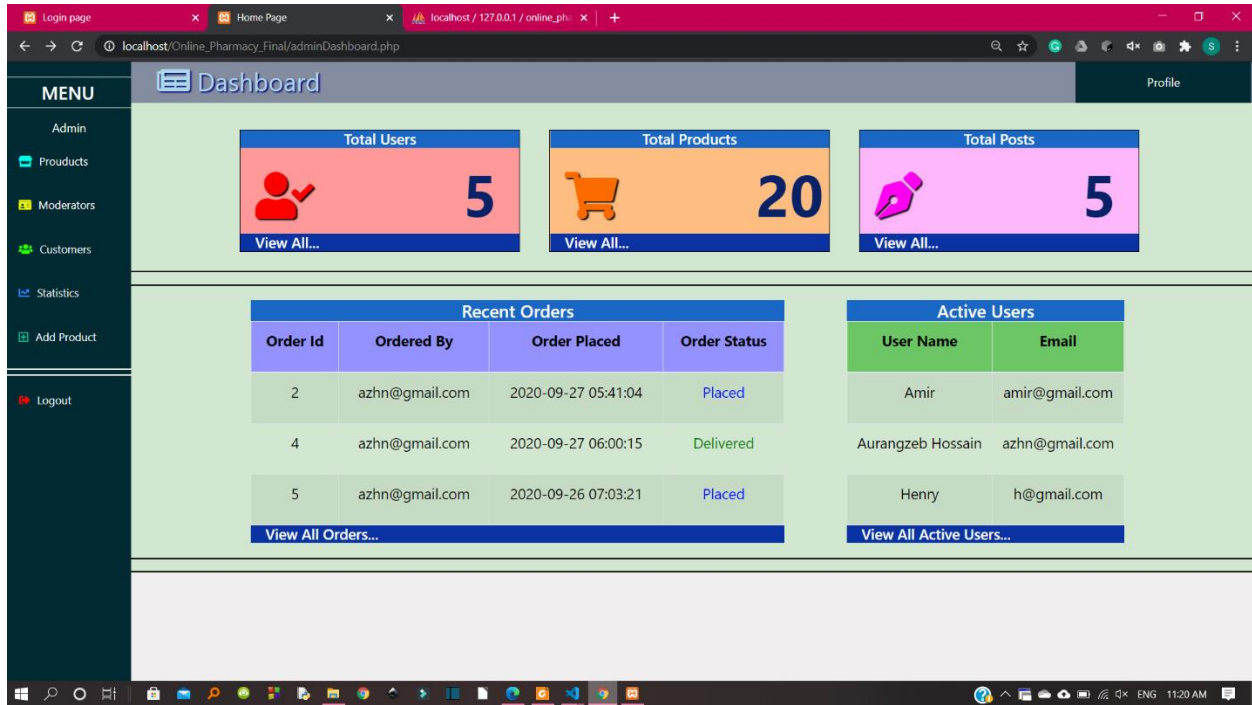




13. Admin login page



14. Admin dashboard



15. Admin view product and edit information

Dashboard

Profile

Dettol Soap
 Product Brand: Dettol
 Category: healthcare
 Stock Quantity: 30
 Total Sold : 5
 Price Per Unit : 35
 Short Desc.: very popular Soap







Edit Product Info

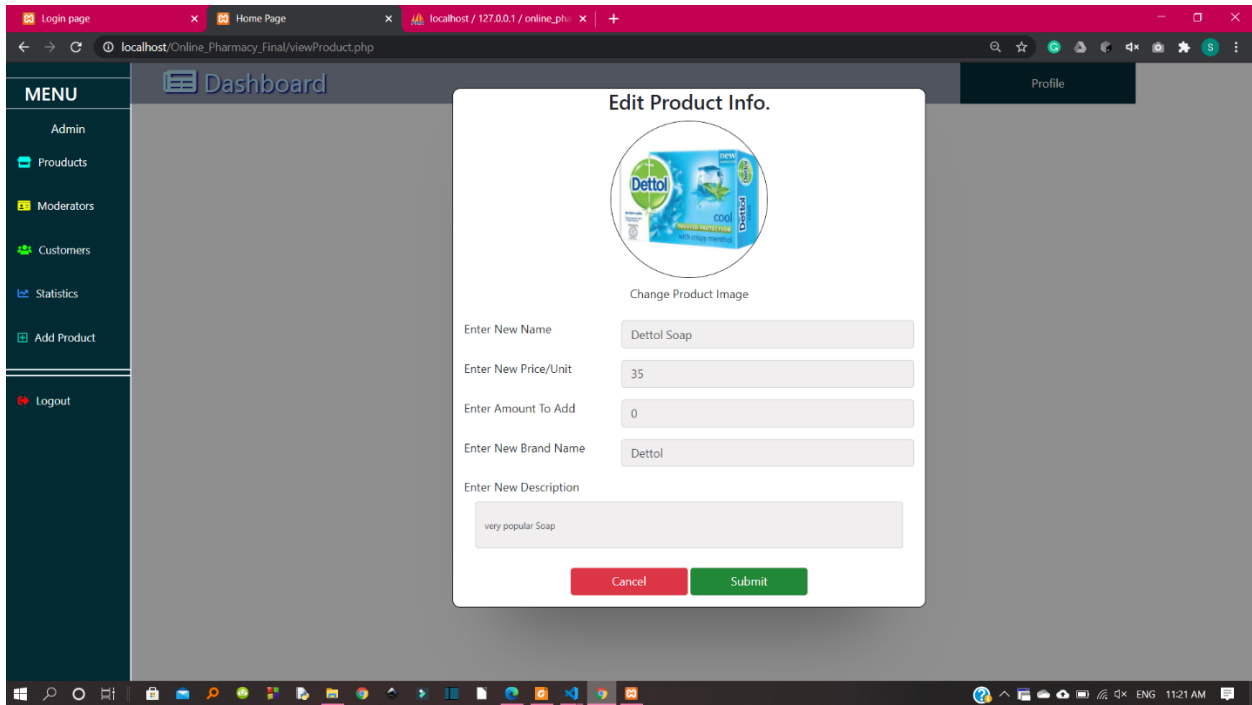
Go Back Go To Dashboard

Dashboard

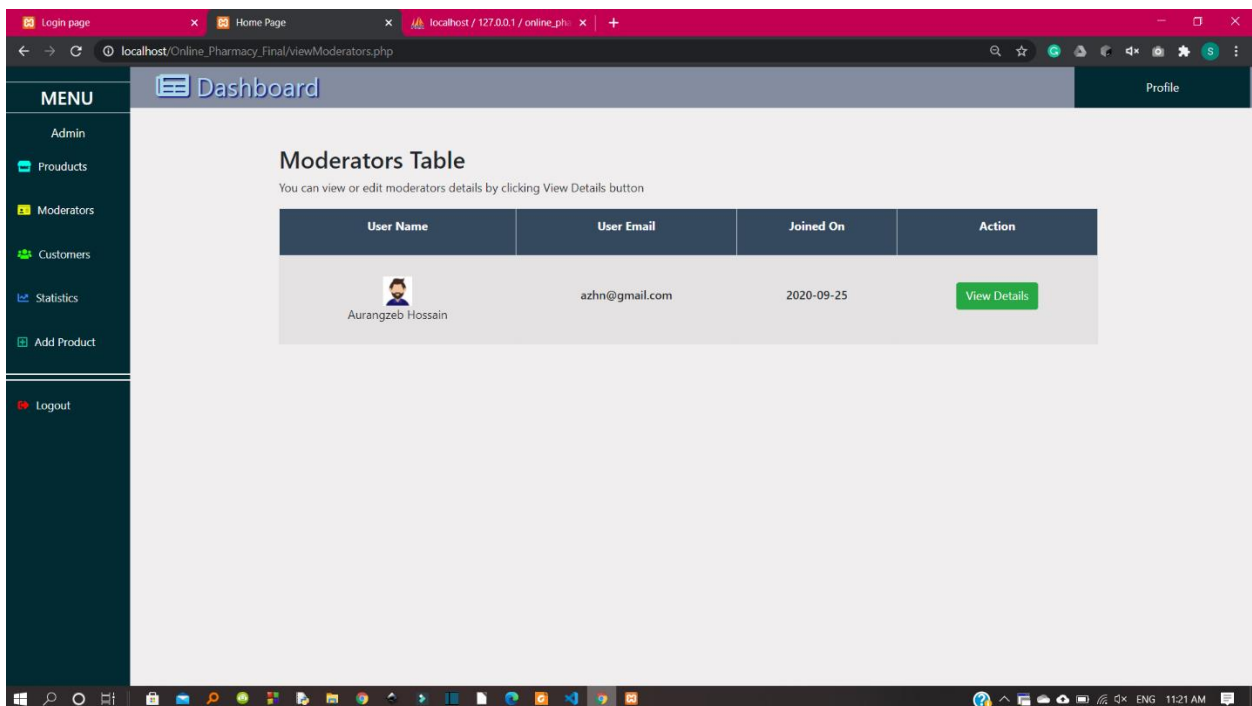
Profile

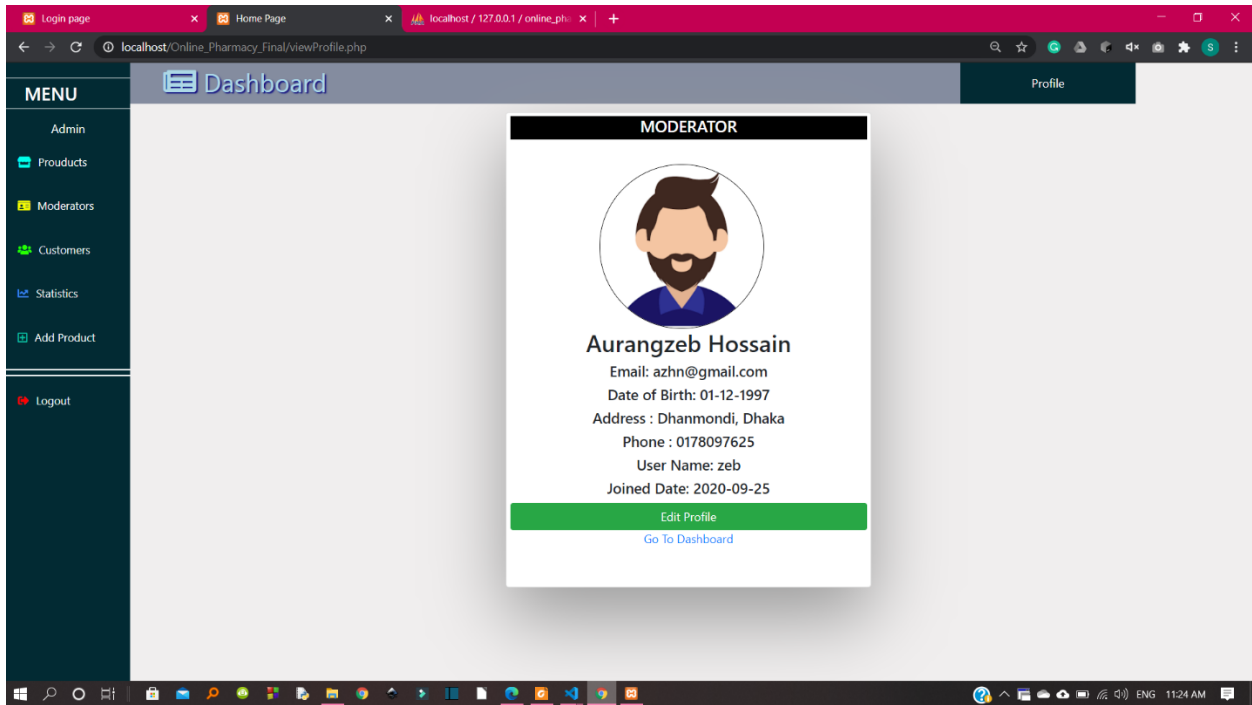
Products Table
 You can view or edit products details by clicking View Details button

Product Name	Product Category	Stock Quantity	Brand	Action
 Dettol Soap	healthcare	30	Dettol	View Details
 Dettol Handwash	healthcare	155	Dettol	View Details
 Face Mask	healthcare	25	Henry	View Details
 Dettol Hand Sanitizer	healthcare	24	Dettol	View Details
 SNAZII	healthcare	45	SNAZII	View Details
 Yellow	healthcare	20	Yellow	View Details

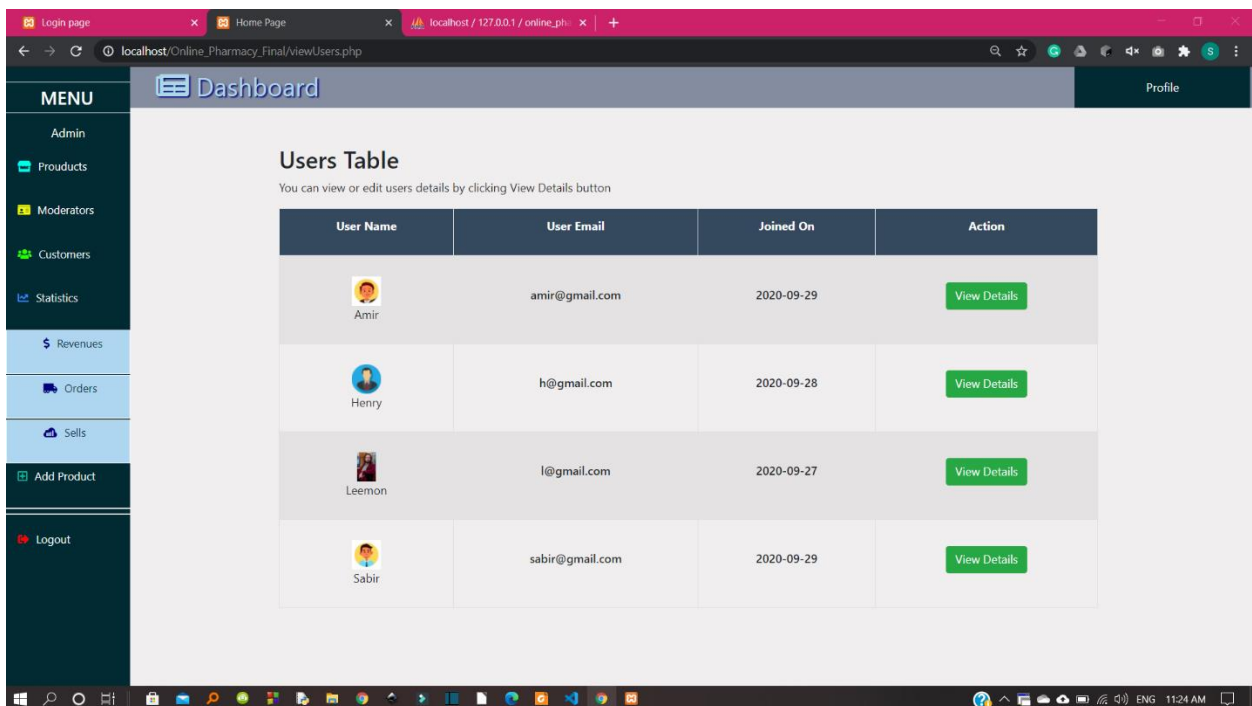


16. Admin see moderators list, details

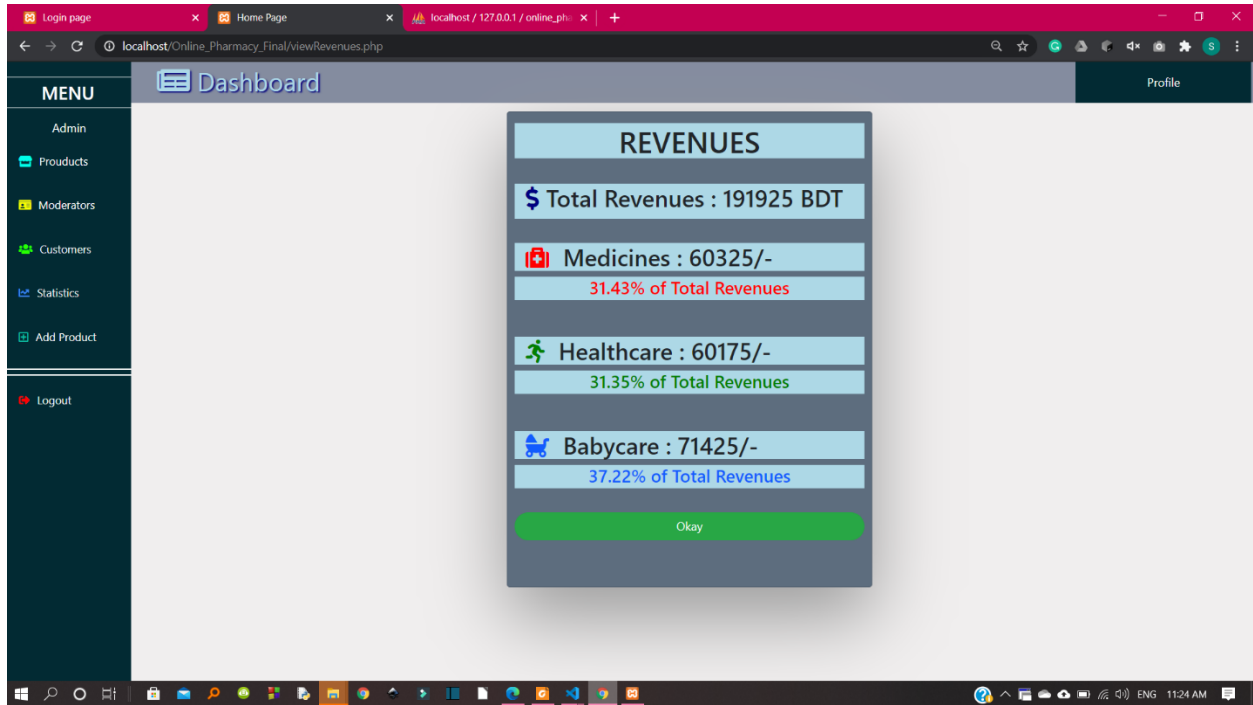




17.Admin sees users



18.Total revenue by category

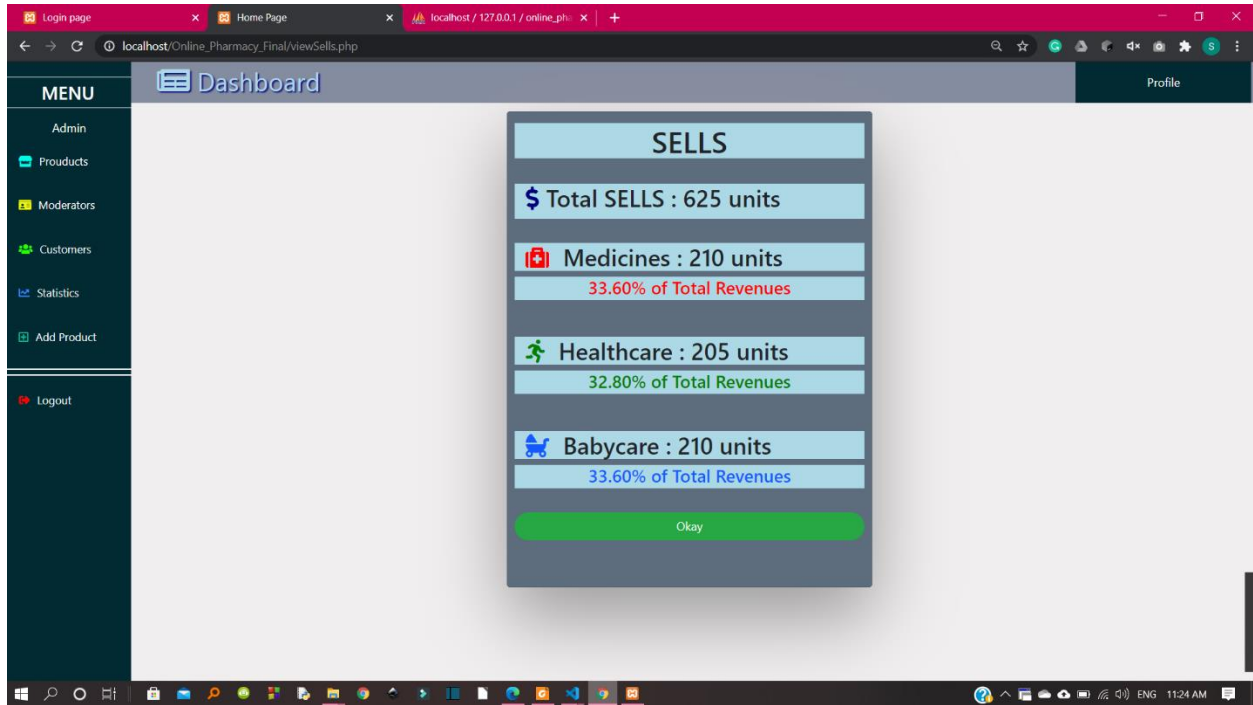


19.Currently active users

The screenshot displays a dashboard titled 'Currently Active Users' with the following data:

Order ID	Ordered By	Products Quantity	Total Bill	Placed On	Action
2	azhn@gmail.com	3	850	2020-09-27 05:41:04	Deliver
4	azhn@gmail.com	5	1625	2020-09-27 06:00:15	Delivered
5	azhn@gmail.com	4	935	2020-09-26 07:03:21	Deliver
6	l@gmail.com	3	600	2020-09-28 12:28:36	Deliver
7	r@gmail.com	3	1075	2020-09-28 12:47:55	Deliver
8	azhn@gmail.com	2	475	2020-09-28 09:55:03	Deliver
9	azhn@gmail.com	2	475	2020-09-28 10:49:53	Deliver

20.Admin sees sales

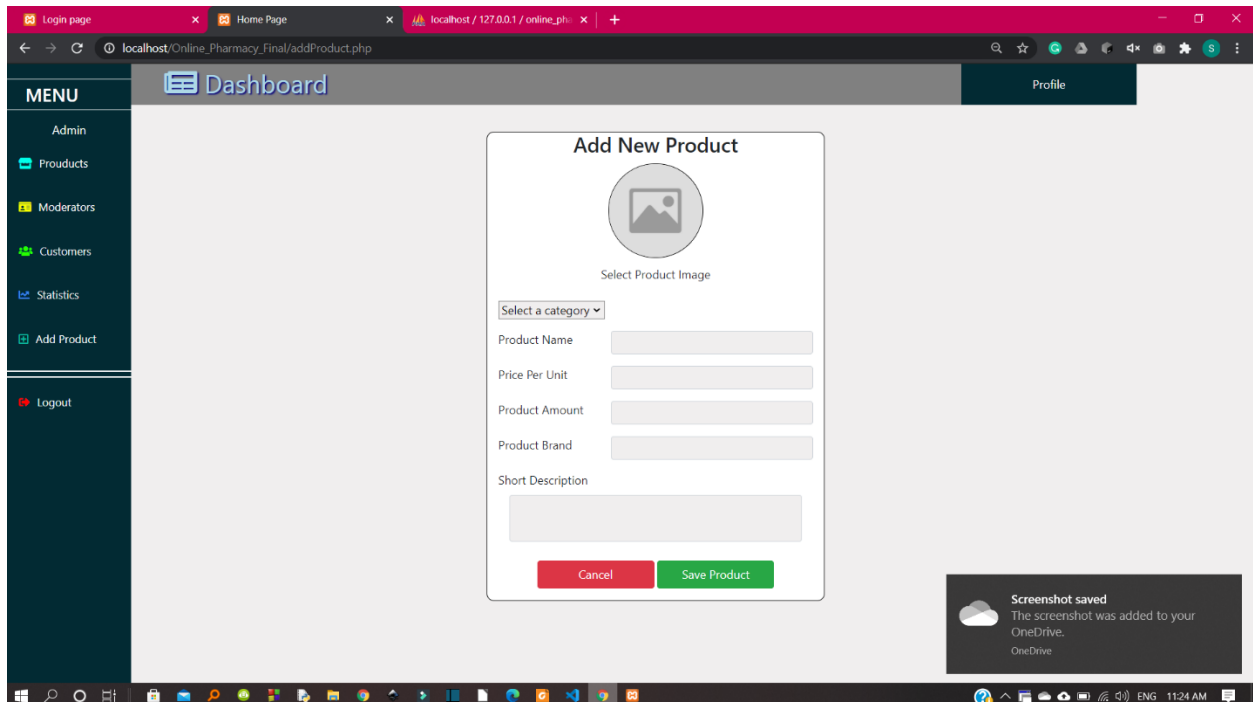


The screenshot shows a web browser window with the URL `localhost/Online_Pharmacy_Final/viewSells.php`. The page features a dark sidebar menu with options: Admin, Products, Moderators, Customers, Statistics, Add Product, and Logout. The main content area is titled "Dashboard" and displays a "SELLS" modal window. This modal provides a summary of sales data:

Category	Units Sold	Percentage of Total Revenues
Total SELLS	625 units	-
Medicines	210 units	33.60% of Total Revenues
Healthcare	205 units	32.80% of Total Revenues
Babycare	210 units	33.60% of Total Revenues

An "Okay" button is located at the bottom of the modal.

21.Admin add products

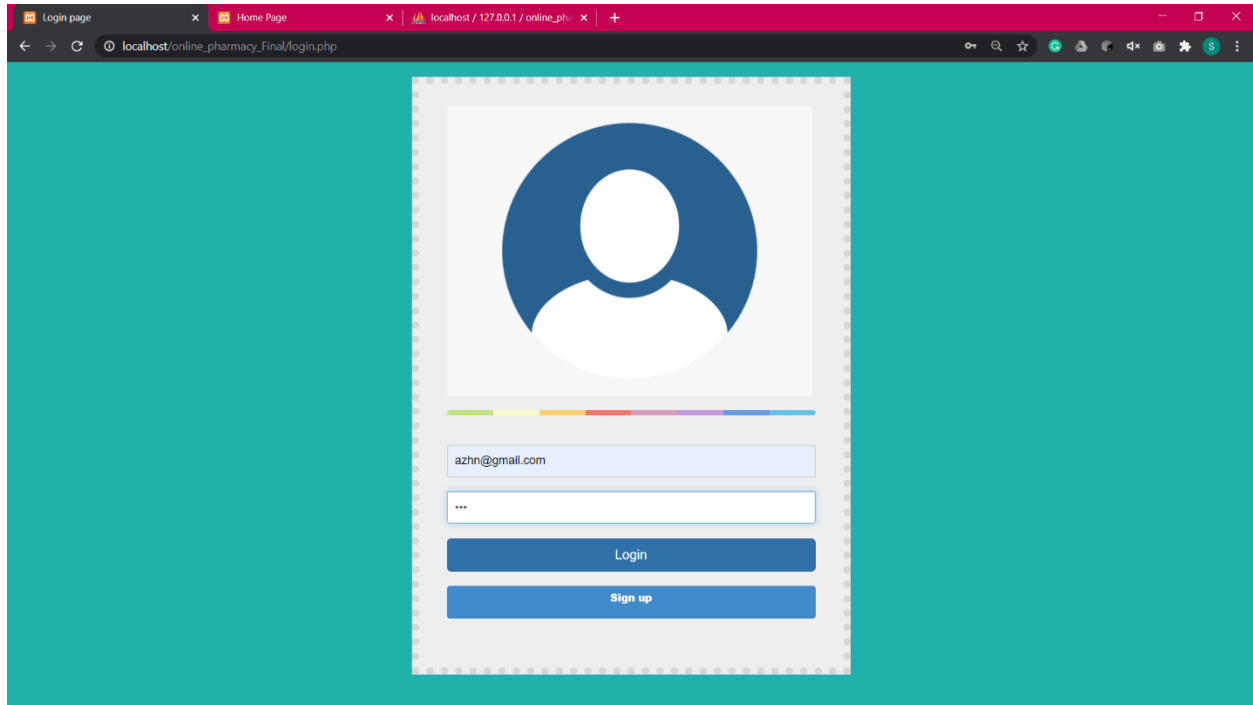


The screenshot shows a web browser window with the URL `localhost/Online_Pharmacy_Final/addProduct.php`. The page features a dark sidebar menu with options: Admin, Products, Moderators, Customers, Statistics, Add Product, and Logout. The main content area is titled "Dashboard" and displays a "Add New Product" modal window. The form includes the following fields:

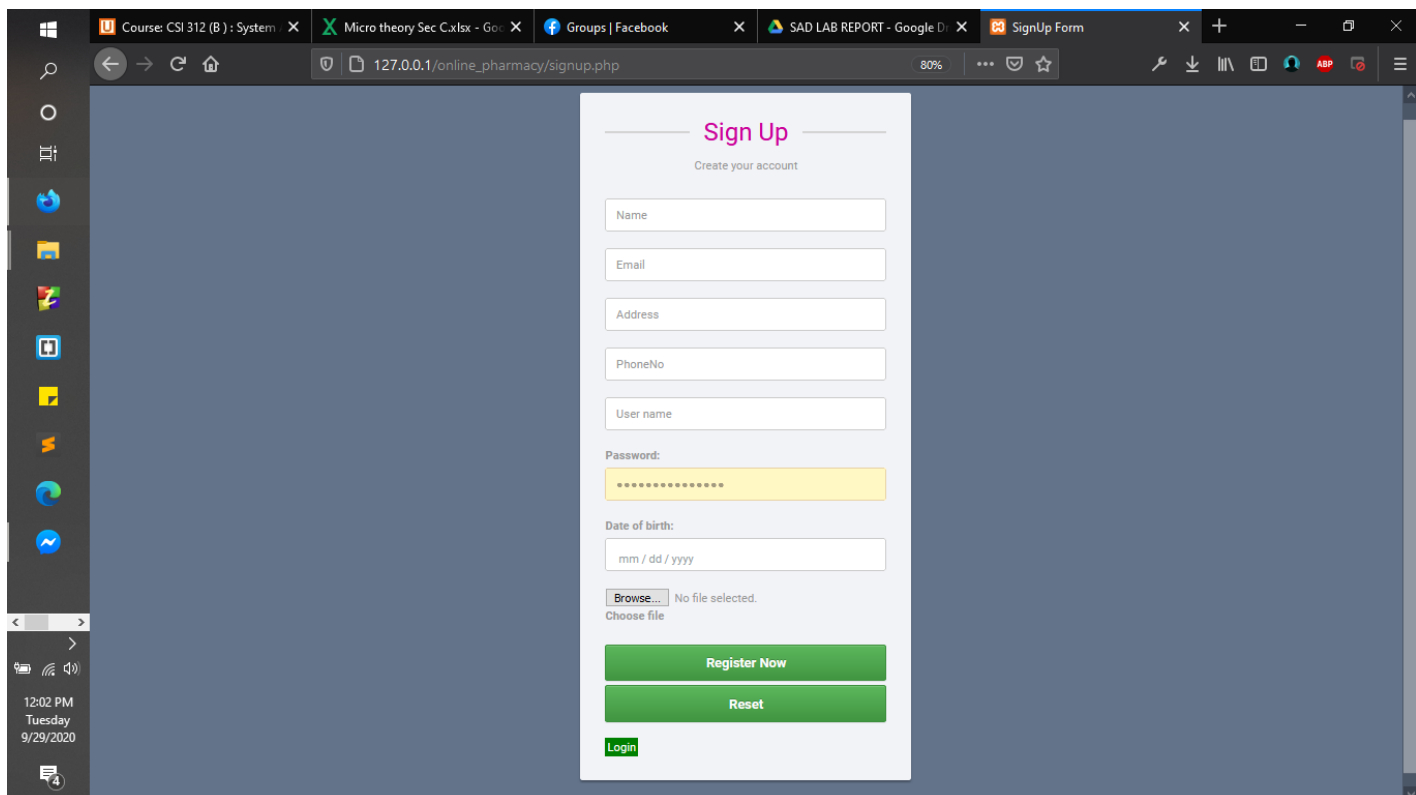
- Select Product Image (with a placeholder icon)
- Select a category (dropdown menu)
- Product Name (text input)
- Price Per Unit (text input)
- Product Amount (text input)
- Product Brand (text input)
- Short Description (text area)

At the bottom of the form are "Cancel" and "Save Product" buttons. A notification in the bottom right corner states: "Screenshot saved. The screenshot was added to your OneDrive. OneDrive".

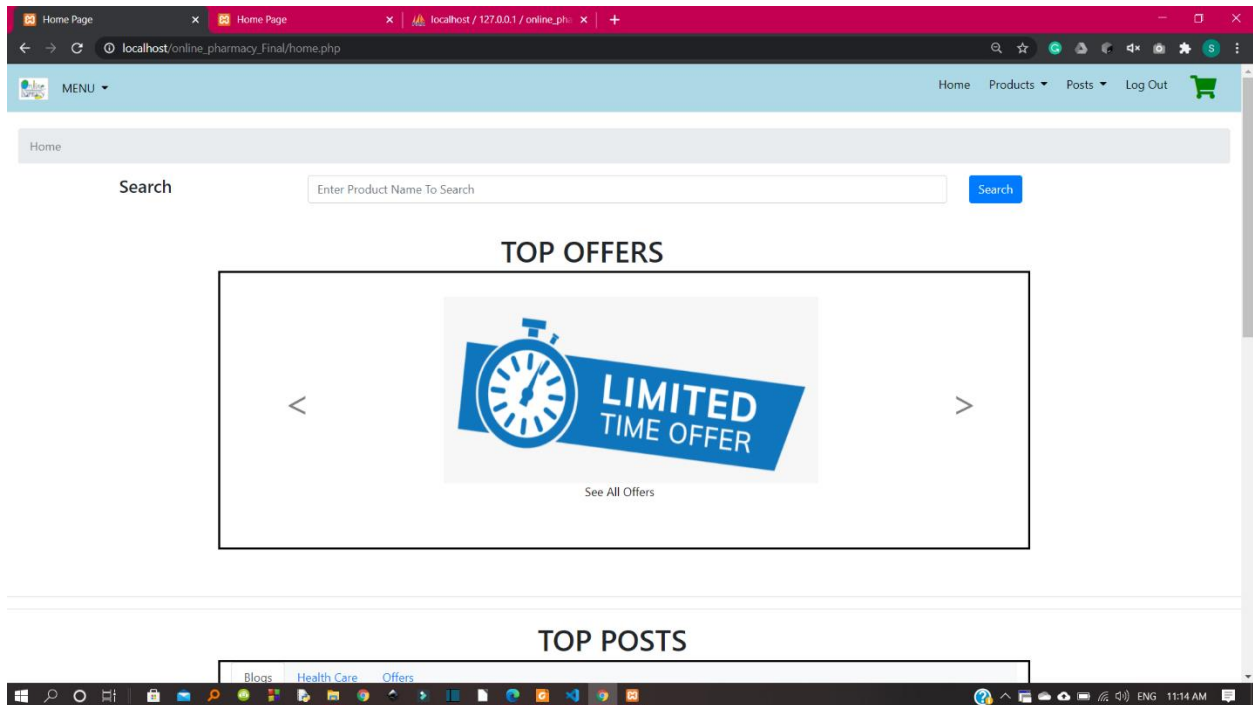
22. Customer/ Moderator Login



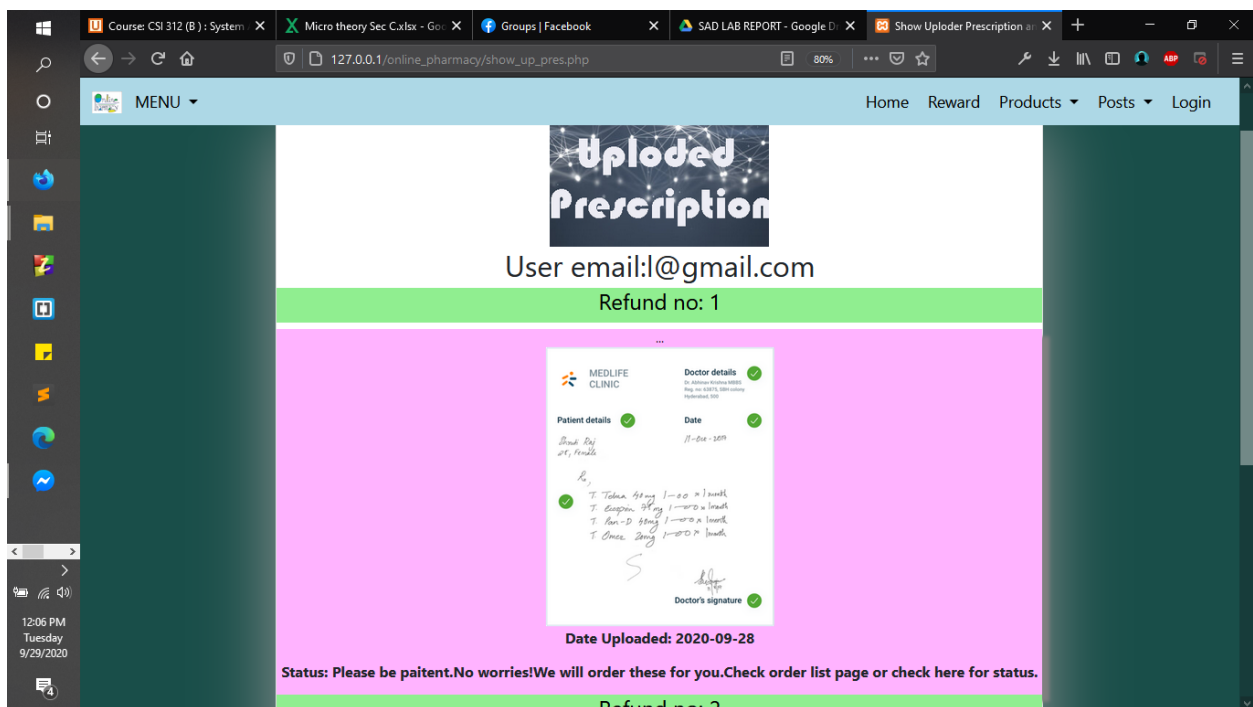
23. Customer/Moderator sign up



24. Top offers, posts



25. Uplaoded prescriptions



Etc.