Project Proposal

"Online Pharmacy Management system"

Communication Report

Course Code: CSE-3206
Course Title: Web Engineering Sessional

➔   Background Study

➔   Draft Proposal

➔   Project prototype

➔   Client Questionnaire

Project Owner

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Abstract:

Pharmacy management system is a management system that is designed to improve accuracy and to enhance safety and efficiency in the pharmaceutical store. It is a computer based system which helps the Pharmacist to improve inventory management, cost, medical safety etc. The system allows the user to enter a manufacturing and expiry date for a particular product or drug during opening stock and sales transaction. The system will also give report showing the list of products expiry after a specified date before the product eventually expires. It also involves manual entry upon arrival of new batches of drugs and upon drug movement out of the pharmacy for a certain period, every month, the pharmacist may want to generate report for the movement of drugs in and out of the pharmacy, getting information about the drugs expiry date, date purchased, number of drug type left, location of a drug in the pharmacy. At present, manual system is being utilized in the pharmacy. It requires the pharmacist to manually monitor each drug that is available in the pharmacy. This usually leads to mistakes as the workload of the pharmacist increases.

Background Study

Due to the size and quality service of the pharmacy, the pharmacy has a very large customer base. These customers tend to visit the pharmacy for services mostly when they close from work. At this period, the number of customers that patronise the pharmacy is on the increase, thereby making the workload of the pharmacists much more tedious. This case makes it difficult for the pharmacist to attend to customers in a short period. Meanwhile the pharmacist has to ensure satisfaction in services to keep their customers. The factors mentioned above, results in delay of the services being rendered to the customers, thereby slowing down sales and risk losing valuable customers in the long run.

Why do we need E-Pharmacy Website?

- ◆ It is very easy to order prescription drugs through E-Pharmacy.
- ◆ It will save time.
- ◆ It is not possible to find every drug in a physical pharmacy in a particular area, but there are many more drug options available in general drug stores.

- ◆ Efficient delivery and a simple ordering process.
- ◆ It will reduce cost.
- ◆ The e-pharmacy purchases the bulk of medicine directly from pharmaceutical companies or distributors, which helps them to get the drugs at a substantial discount rate.
- ◆ Quick treatment with just one click.
- ◆ E-Pharmacy is privacy and confidentiality.
- ◆ It share useful information about medicines and illnesses.
- ◆ Expert advice and guidance.
- ◆ Completely convenient
- ◆ Discreet services
- ◆ E-pharmacies offer a great variety of options.

Existing System:

Physical System:

Pharmacy management has kept paper record in filing cabinets. Managing a very large pharmacy with records on papers will be tedious and difficult to keep track of inventories with regards to the drugs in the store, expiry date, quantity of drugs available based on the categories and their functions.

Online System:

There are some websites that we studied. After Studying these websites we have find out some problems with this websites and also find out that we can do better with our website.

List of studied websites:

- https://osudpotro.com
- https://www.arogga.com
- https://epharma.com.bd
- https://www.healthpharma.com.bd
- https://chaldal.com/pharmacy
- https://emedi.com.bd/
- https://pharmeasy.in
- https://www.netmeds.com
- https://www.apollopharmacy.in
- https://www.walgreens.com
- https://www.walmart.com/cp/pharmacy/543
- https://www.healthwarehouse.com

Existing System Analysis:

✔ Some sites may contain hidden costs such as shipping fees, ordering and processing fees, consultation fees, etc. Be sure to find out what costs are covered by the site and which ones are self-covered.

✔ Some of these online e-pharmacy sites are not legitimate. Some of them may ask for personal and financial information which they may end up selling. Some of the sites don't have proper security measures and thus are prone to hackers.

✔ There is also a high probability of buying counterfeit drugs. With so many of these e-pharmacy sites being illegal, counterfeit and fake drugs are bound to make rounds. Fake drugs should not be taken lightly as their effects on the body can be potentially harmful. Try as much as possible to avoid foreign sites, they sell contaminated or outdated drugs at very attractive prices.

✔ There is a high probability of dealing with an unlicensed pharmacy. The internet has paved way for so many great inventions but it has also created a loophole for some rogue criminals to exploit. Therefore, before even using an e-pharmacy, make sure it is a legitimate site. You can use pharmacy review sites to find out if the e-pharmacy you are using is FDA approved. A legitimate site usually asks for a doctor's prescription before they can even process your order. Sites that offer to sell you drugs without a doctor's prescription are unlicensed.

<u>Draft Proposal</u>

<u>Section 01: Project Information</u>

Project Title: Quick Heal (online pharmacy management system)

Project Time Frame: We are taking 6 months to complete this project.

Attached Documents:

1. Super Admin, Admin and User Feedback .
2. Owners questionnaire.

Project Contacts:

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<u>Section 02: Project Summary</u>

Software Requirements:

HTML5, CSS3, Bootstrap, JavaScript, Node.js, React.js, Laravel, PHP, MYSQL, Google Chrome Browser etc.

Tools: Xampp etc.

Website Features:

➢ **Information**

- ◆ About Pharmacy
- ◆ About Catagory and medicine
- ◆ Offers
- ◆ Payment methods
- ◆ Facilities
- ◆ Chat box
- ◆ Review
- ◆ Order cancellation and money back policy
- ◆ Contact us
- ◆ Social media links
- ◆ Blog

➢ **Account Type**

- ■ Customer
- ■ Pharmacist
- ■ Admin
  - > Super Admin
  - > Admin

➢ **Management**

- ◆ Order Placement
- ◆ Order retrieval
- ◆ Payment
- ◆ Rating
- ◆ Feedback
- ◆ Resources
  - > Medicine item details
  - > Other customer reviews
  - > Can fully design static pages
  - > Can publish dynamic contents

Functionalities Provided by Online pharmacy management System:

Super Admin:

- Can control everything in the system.
- Can manage the access level of different users.
- Manage networks and payment related issues.
- Can create new module in the system.
- Can access the database.
- Can change or remove any data.

Admin:

- Can add new medicine items.
- Can change the price of medicine items.
- Can remove any existing menu.
- Have full access to the front end of the system.
- Can register new users.

Pharmacist:

- Can add new medicine items.
- Can reply user message.
- Can change the price of medicine items.
- Can remove any existing menu.

Users:

- Can simply visit the site.
- Can register using name, mail and phone number.
- Can order medicine.
- Can pay for the medicine.
- Cancel the order.
- Rate the website.
- Add a feedback.

Project Prototype

Home:

QuickHeal | Search 🔍 |
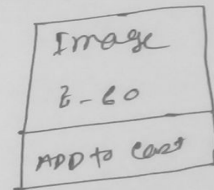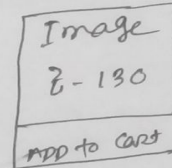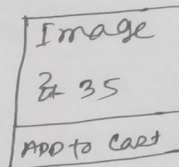
Login
or Register

☰ Browse category :

Home Product Contact us Blog

Covid-19 special →
Women care →
nutrition →
Important medicine →
Herbal
Sexual wellness →

← multi Image →

Image
₹ - 650
ADD to Cart

Image
₹ 35
ADD to Cart

Image
₹ - 130
ADD to Cart

Image
₹ - 60
ADD to Cart
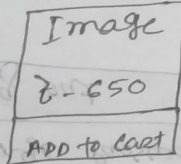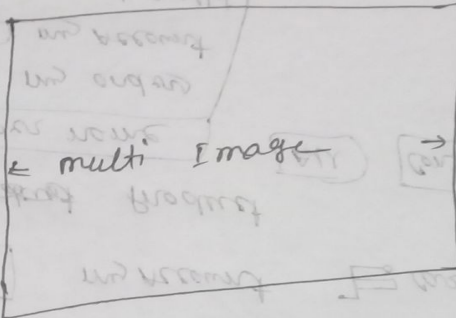
Information

About us

Terms and Condition

Return and Refund Policy

USEFULL LINKS

FAQ
Account
medicine
special offers

CONTACT US

facebook

Linkdin

Hot Line: 9178029 8495

| F | in | 🖸 |
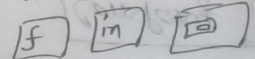
Login

Email [_____]

Password [_____]

☐ Remember me

[Login]

[Forget your Password]

Register

name [_____]

Email [_____]

Phone [_____]

address [_____]

Password [_____]

Confirm Password [_____]

[REGISTER]

⊞ Contact us :

name

[Enter your name]

mobile

[_____]

Email

[_____]

message

[_____]

Image (optional)

[chose File] no file chosen

[Send]

Admin Page :

welcome to Admin name   Dashboard Category Product order

Admin Panel

| Dashboard |
| Category |
| Products |
| Customers |
| Orders |
| Change Password |
| Log out |

[Products]   [Categories]   [Company]

[Today's order]

[Image]   [8 0.6 / Image]   [8 120 / Image]   [8 8 / Image]

Customer Page :

QuickHeal   [Search Q]   my Account   cart

☰ Category   Product Product   [All]   (Confirmed)   [Delivery]

Covid-19 Special →
women Care →
Devices →
Personal Care →
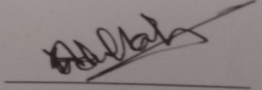
User name
☰ my orders
▣ my Account
⊞ Request medicine
↩ Refer
↪ Log out

Category [search 🔍]

Questionnaire

Client 1:

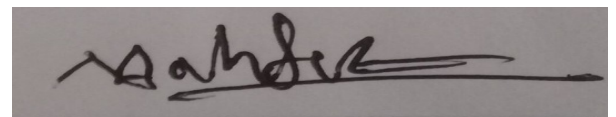| Question	Answer
1. How to Display the medicine?	1. I will display the medicine by category.
2. Are there any Return policies?	2. Yes. Within 7 days.
3. What are the process of payment?	3. Bkash
4. What is your suppliers?	4. Courier Service.
5. Which features do you want for your website?	5. I just want a system which shows all information, like products name, price, expire date.
6. How many products categories do you offer?	6. Multiple categories. Like covid – 19 special, Health Nutrition, Women Care, Imported Medicine etc.
7. Is there any special discount for customers?	7. yes.

Signature

AB Noor

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Signature

Client-2:

Question	Answer
1. How many people are required?	1. A Super Admin, Four Admins and Two Pharmacists whose are monitoring order. Manpower will be increased based on work.
2. Are there any Return policies?	2. Yes. Within 7 days.
3. Which features do you want for your website?	3. I just want a system which shows all information, like medicine details, medicine diseases which can be affected. And it also provides images.
4. Is there any facility to rating that customers are ordered?	4. yes.
5. Is there any special discount for customers?	5. yes.
6. Do you need Review system?	6. yes, it must be needed.
7. How many products categories do you offer?	7. Multiple categories. Like covid – 19 special, Health Nutrition, Women Care, Imported Medicine etc.

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Client-3:

1. What Do you think about This Project?

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2. How much time will you give us to complete this project?

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3. Do they need training?

- ■ Yes
- ■ No

4. You can feel free to give me your suggestions to make this website better.

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5. Do you think any proposed feature needs to be canceled?

- ■ Yes
- ■ No

6. Which features do you think need to be canceled?

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7. Do the proposed design fulfill your expectations?

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8. Who will be the controllers of this app?

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9. What will be the primary language of the product?

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