Online Pharmacy
Project Proposal

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Abstract

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Keywords

Keyword1 — Keyword2 — Keyword3

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Introduction

We are making an "Amazon" like e-commerce platform of Pharmacy for our client. The website will contain a user end, a seller end and an admin end. We do have existing solution in market (1mg etc.), however most of the system are commissioned based and require approval process from third party (platform provider). This is tedious task as customer are not directly connected with pharmacy. Additionally, this is commissioned based and that is why most of the pharmacy are still not connected with online service provider or they have their local solution. So, we will provide a solution where there is no third party commission, customer will be directly able to interact with the pharmacy.

1. User End

It is an interface for user where he/she will be able to search for pharmacy products and the nearest pharmacy where they are available. Our solution will consist of an algorithm which will guide to the nearest registered pharmacy where all his/her requirements will be met. User will have the choice to either buy the product on-

line or go to the pharmacy (we will provide him/her the address of pharmacy) and buy it offline. Following are the functional requirements of the user interface:

1.1 Registration
When a customer visits the site first time he/she will be asked to register an account. This page will ask the user to enter his Name, Email and Phone Contact. A verification OTP/Email will be send to the user and it will be used to authenticate the user.

1.2 Product Browsing
We will provide the user two option

1.2.1 OTC Products
User will be able to search these products and order them online or buy them offline.

1.2.2 Non OTC Products
These products will require a prescription from a doctor.

1.3 Dealing with Prescription
We propose two solution for handling the prescription:

1.3.1 With a Prescription reader hired by the client
This Prescription reader will verify and convert the prescription into soft form. This list of products will be analysed by our algorithm and it will provide a list of all the sellers to the user where the product is available. This solution will require an extra man/men to be hired by the client but it will provide a more efficient and quicker solution. It will be able to easily handle the situation where products are not available in the same store but they are available in different store.

1.3.2 With prescription send to all the nearby sellers
In this case we will send prescription to all the nearby sellers. The seller will themselves verify and process the prescription and he/she will list all the items available in his/her shop. After this algorithm will analyse all the feedback from the sellers and provide the user with nearest stores where products are available. This solution is not optimal in our opinion because it may affect the seller and the buyer.

1.4 Delivery Status
This will first give the user an estimate once the order is placed. After that it will continuously update according to the response of the delivery team.

1.5 Share Deal on Social Network
We will integrate our app with some social media sites so that user can share his/her experience on social media.

1.6 Review
User will be able to comment or give rating to a particular product or a seller regarding his/her experience. These ratings will be visible to all the user of site.

1.7 Cart
User will be able to add/remove/modify the products in the cart. User can directly add OTC products into the cart. And once the prescription is analysed, user will be given an option to add the products into the cart. Cart will be used to place the order.

2. Pharmacy End

It is an interface for the various Pharmacies which are interested in selling their products on our Platform. The seller will be first required to first register and then he/she will be able to list and sell his/her products in a few simple steps.

2.1 Pharmacy Registration
Any Seller who wants to sell his/her product on our interface will be first required to provide a proof of his/her licence. Along with this they will need to enter the name of Pharmacy, name of owner, Address, Pharmacist's Qualification and Contact Details.

2.2 Product Inventory
Seller will be able to list all the products available with him/her. The inventory will contain Product Name, Picture, Details, Expiry, Quantity, etc.

2.3 Seller Dashboard
This will contain all the option for managing his account. This will include dealing with orders and prescription and Admin messages.

2.4 Review
2.5 Delivery status
2.6 Contact user

3. Administrator End

Acknowledgments