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Mini Project-II

Mini Project Report

Project Name/Title: “BetterYou- A Medical Store Website”

Department of Computer Engineering & Applications

Institute of Engineering & Technology

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DECLARATION

I/we hereby declare that the work which is being presented in the B.Tech. Project “**BetterYou- A medical store website**”, in partial fulfilment of the requirements for the award of the *Bachelor of Technology* in Computer Science and Engineering and submitted to the Department of Computer Engineering and Applications of GLA University, Mathura, is an authentic record of my/our own work carried under the supervision of **Mr. Akash Kumar Chaudhary**.

The contents of this project report, in full or in parts, have not been submitted to any other Institute or University for the award of any degree.

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In the present world of competition there is a race of existence in which those are having will to come forward succeed. Project is like a bridge between theoretical and practical working. With this willing we joined this particular project. It gives us great pleasure and we are glad to represent the report of our B.Tech Mini Project II undertaken during the third year of our graduation era.

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ABSTRACT

Now-a-days, many more online medicine shopping web applications are present in market. Online medicine shopping web application is fast gaining ground as an accepted and used business paradigm. More and more business houses are implementing websites providing functionality for performing online medicine shopping over the web. It is reasonable to say that the process of shopping on the web is becoming common place. This web application is to reduce hardships faced by this existing system, also offers low cost ownership. Moreover this system is designed by the particular need of the all users to carry out operations in a smooth and effective manner. The e-pharmacy practices will provide a stepping stone for the growth of online pharmacy in the kingdom. This report indulges in discussing the various useful tools and techniques that are used in a development of a website.

The deterministic for online medicine purchasing system in web world is made to help the professionals of the medical shop. The only medical shop in market that can fulfill all needs in the field of medical marketing field like keeping records of sale and purchase for different companies, inventory management, and shop management system. In this medical shop master apps admin, shop master, and customer. The main key feature or the key idea for the project is to design the Medical shop management and provide the essential things to the people. We have developed a website that will enable all the customers to buy the products from this platform.

The aim is to automate the existing manual system by the help of computerized equipments and full-fledged computer software, fulfilling the requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. Basically the project describes how to manage for good performance and better services for the clients.

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INTRODUCTION

Shopping of medicines and other medical products online is a good deal because it saves time, money, fuel and lots of problems like traffic jam. Also, one medical may not provide all the medicines. So may go to another medical it wastes lots of time, money etc. will be saved. This will lead profit in the Government money also and it is environment friendly. Nowadays, almost every literate person mainly youngsters wants to shop online as they don't have time to go to market and shop. One more thing it also saves some money. Once they shopped then the purchased items will be sending to their home or wherever they mentioned as their delivery addresses by Courier Company. This is the modern way of shopping as we have various options to buy different products from different sellers in different prices. This study examines whether the quality of online buying experience represents a competitive advantage for Internet firms focused on business to consumer ecommerce also.

The name of this website, 'BetterYou' itself depicts its true meaning of concerning about your health in all concerned requirements for your body, your mind and your skin in terms of Health Care, Body Care, Personal Care and also has sub-categories like Women Care and Baby Care too. This will enhance your immunity system as well as your desire to look after yourself in a better way.

What are we creating?

We are creating "A real-time website to shop medicines online." In this, we will provide the functionality to buy the medicines or pharmaceuticals from their home comfort efficiently.

The "Online Medical Store" has been developed to override the prevailing problems in the practicing manual system. This software is supported to eliminate and in some cases reduce the hardships faced by this existing system.

The project and its implementation entitled "Medical Shop Management System" and basically designed to solve the problems occur at time of buying medicines. The people can register their details through online. The project provides many things of medical services and online registration of medical. The user can register the details, which is stored on the medical databases.

The main aim of the project is the management of the database of the pharmaceutical shop. This is done by creating a database of the available medicines in the shop.

The application is reduced as much as possible to avoid errors while entering the data. It also provides error messages while entering invalid data. No former knowledge is required for the user to use this system. Thus by this , it proves it is user-friendly medical store. As mentioned above, it can lead to secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources.

What is our idea about?

In today's era, we all are aware of our daily changing requirements and the need to shop as in the world of digital marketing.

Shopping the daily needs virtually is what when individuals interact without being face-to-face but through words and texts they sent or receive data to be shared. We can share information and the need can be delivered to us.

Shopping virtually make us elevate from being digitally literate to digitally fluent, collaborate using appropriate virtual tools and system and they are cost-effective and environment friendly too.

So putting our efforts into this application, we are going to create "BetterYou".

Reason for Selecting Topic:

The general reason is to portray a complete and detailed picture of the overall purchase decision making process of consumers shopping online for medicines, including pre- and post-decisional stages. Although providing a broad description of the overall decisional process, the intent is to focus on the actual purchasing stage, shedding some light onto two details of this process – the in-store buying and browsing strategies used by online grocery shoppers and their reaction to in-store changes.

The purpose of Online Medical Store is to automate the existing manual system by the help of computerized equipments and full-fledged computer software, fulfilling

their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same.

This project is aimed at developing a web application that depicts online shopping of medicines and self care products and purchase based on their own requirements. Using this software, we can improve the efficiency of their services of sales product. Online Shopping is one among the applications to enhance the marketing of the company's products.

Objectives:

The main objective of the Online Medical Store Project is to manage the details of customers, medicine company, medicine, medicine stock, order. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the customer, medicine.

- The website gives all the information about the medicines provides better services for customer.
- It provides the facility to the customer who wants to buy medicines and other self care products without having to wait .
- It manages the details of customers, medicines, medicine stock.
- It manages the information about the order of the customers.
- This project is totally built at administrative end and thus only the administrator is guaranteed the access.
- It provides facility to the customer to payment by the cash or Debit/Credit card or through Net banking.

Related Work:

Existing System

The existing system is not much efficient and reliability for getting medicines from the Medical Shop. Now the existing system is subjected to close study and problem areas are identified. The designer now functions as a problem solver and tries to sort out the difficulties that the enterprise faces. The existing systems are directly going to get the Medicines from the medical through online, the existing system

are not much user friendly. The existing Medical Booking Store system is time consuming and requires more man power to function well. Secondly the scope of offline medical store is limited to local area and is available for fixed timing. All the data management involving product availability, searching, billing and other report generation are done manually which indeed are very time consuming.

Proposed System

The proposed system has to overcome the difficulties arising in the existing system. The people can register the medicine details and get the appointment from any part of the area and district. The user can change the medicine details and view the records. The system is very simple in design and to implement. The system requires very low system resources and the system will work in almost all configurations. It has got following features such as Security of data, greater efficiency, better service, user friendliness and interactive and minimum time required. The proposed medical Booking Store system will completely revolutionize the industry. Searching of products, order placing, billing and product stock can be maintained by a single click. The order placed can be easily tracked at any time. The payment of the order can also be done by credit cards.

FUNCTIONALITIES/ FEATURES

The Online Medical Booking Store application is an Online Website for an Organization. It is a virtual showcase for different types of medicine like health care, baby care, & home need products. Main aim of this project is to develop 24/7 medical service for users through online application. The Special thing about this project is it provides different types of medicine to purchase. It will reduce the amount of time spent by the employees of the company and also provides a convenient and efficient means of reaching to persons using cutting-edge technologies. The main goal is targeting towards smooth internal communication and functioning for the customers along with other useful information. Expected Results Time and cost saving to reach to people Time saving for persons of remote places for their product search and also provides the convenience of searching for medicine anywhere at any point of time.

As stated earlier the general aim of this dissertation is to develop, as accurately as possible, an overall image of the consumers' decision making process for online grocery shopping. The objective is to provide a broad description of the overall process, from the pre-decisional to the post-decisional phase, however being the intent to then focus on the actual decisional stage.

This Web application has following functionalities:

1. Managing the information of Customers.
2. Shows the information and description of the medicines.
3. Editing, adding and updating of records is improved which results in proper resource management of customer data.
4. It deals with monitoring the information and transactions of Medicine Stock.
5. Medical store also manages the order details of the customers.
6. Easy to update information.
7. User Accounts to control the access and maintain security.
8. Decrease the load of the person involve in the existing manual system.

9. Integration of all records of order.
10. It manages the information of Medicine Stock.
11. It contains better storage capacity.
12. Work becomes very speedy.
13. Well designed invoice at the end of user.
14. Efficient and easy accessing and traversing throughout the website.
15. Although all the above defined functionalities are not fulfilled by our project but in future we will try to include all such functionalities to our project.

SCOPE OF THE PROJECT

This system will reduce the manual operation required to take care of all the records of booking information. And also generates the various reports for analysis. Main concept of the project is to enter transaction reports and to take care of customer records. It will help in reducing the cost of collecting the management and collection procedure will go on smoothly. The data is directly stored in the database. This system allows to the customers to maintain cart for add or remove the product over the internet. The online shopping system well design database can help the management guide customers.

It may help collecting perfect management in details. In a very short time, the collection will be obvious, simple and sensible. It will help a person to know the management of passed year perfectly and vividly. It will be also reduce the cost of collecting the management and collection procedure will go on smoothly.

In future, changes can be made by providing some provisions to accept different kinds of payments such as credit cards, debit cards, etc., the system can be further extended to link multiple medical shops to enhance the buying experience of customers.

- To utilize resources in an efficient manner by increasing their productivity through automation.
- In computer system. The person has to fill the various forms and a number of copies of the forms can be easily generated at a time.
- The system can generate types of information that can be used for various purposes.
- It satisfies the user requirements in a more delicate way.
- The updations in any part of the system can be done frequently to enhance the quality of the system.

SCOPE FOR EXTENSION IN MAJOR PROJECT

This system will reduce the manual operation required to take care of all the records of booking information. And also generates the various reports for analysis. Main concept of the project is to enter transaction reports and to take care of customer records. Hence this software can be used in any mobile or devices to maintain their record easily. The data is directly stored in the database. This system allows to the customers to maintain cart for add or remove the product over the internet. The online shopping system well design database can help the management guide customers.

TECHNOLOGY USED

Online Medical Store is a website, it uses full stack technologies. We will design the front-end and also connect the backend to store the information of users and medicines. The main technologies used are:

HTML: Page layout has been designed with HTML. It is used for making the structure to the website. HTML was developed with the intent of defining the structure of documents like headings, paragraphs, lists, and so forth to facilitate the sharing of scientific information between researchers.

There are several advantages of HTML:

- It is easy to learn and easy to use.
- It is platform independent.
- Images, video and audio can be added to a web page.
- It is supported by all browsers.
- It can be integrated with other languages like CSS, JavaScript etc.



HTML is used to create the User Interface of the website. Before implementing the actual design of the project, a few user interface designs were constructed to visualize the user interaction with the system.

CSS/Bootstrap: It is used to design the elements or structure made with the help of HTML. It is used to provide the better User Interface to the website and eye-catching look. This style sheet language also allows you to add effects or animations to your website. You can use it to display some CSS animations like click button effects, spinners or loaders, and animated backgrounds. Without CSS, your website will appear as a plain HTML page.



JavaScript: It is used to provide the interactivity among the different modules of the website. All the validations in the login or signup form are done by JS. JavaScript is a client-side scripting language of web developed by Netscape in 1995 with the name LiveScript. JavaScript is used to build interactive websites with dynamic features and to validate form data. JavaScript is high-level, dynamic and browser interpreted programming language, supported by all modern web browsers. Apart from web browser, JavaScript is also used to build scalable web applications using Node JS. JavaScript is also being used widely in game development and Mobile application development.



JavaScript is the widely used programming language, all over the world. It has the largest open-source package repository in the world (npm). Every type of software uses JavaScript, including the server code (Node.js), productivity apps, 3D games, robots, IoT devices. JavaScript has achieved the goal, set by Java a long time ago: write once, run anywhere. There are various JavaScript uses in different segments.

MongoDB: It is a No-SQL database which is to be used in this project to store the data/information. MongoDB is a cross-platform, open-source, NoSQL database, used by many modern Node-based web applications to persist data.

MongoDB is a document-oriented database. This means that it doesn't use tables and rows to store its data, but instead *collections* of JSON-like *documents*. These documents support embedded fields, so related data can be stored within them. MongoDB is also a schema-less database, By means of 'schema less' is that we can store different documents having different schema inside a same collection.



Node.js/PHP: These technologies are used to connect the website to the backend.

There are two technologies for backend connection:

Node.js: As an asynchronous event-driven JavaScript runtime, Node.js is designed to build scalable network applications. In the following "hello world" example, many connections can be handled concurrently. Upon each connection, the callback is fired, but if there is no work to be done, Node.js will sleep. Node.js is similar in design to, and influenced by, systems like Ruby's Event Machine and Python's Twisted. Node.js takes the event model a bit further. It presents an event loop as a runtime construct instead of as a library.



PHP: PHP is a server-side scripting language. That is used to develop Static websites or Dynamic websites or Web applications. PHP stands for Hypertext Pre-processor, that earlier stood for Personal Home Pages.

- PHP scripts can only be interpreted on a server that has PHP installed.
- The client computers accessing the PHP scripts require a web browser only.
- A PHP file contains PHP tags and ends with the extension ".php".

What is Scripting Language?

- A script is a set of programming instructions that is interpreted at runtime.
- A scripting language is a language that interprets scripts at runtime. Scripts are usually embedded into other software environments.
- The purpose of the scripts is usually to enhance the performance or perform routine tasks for an application.
- Server-side scripts are interpreted on the server while client side scripts are interpreted by the client application.
- PHP is a server-side script that is interpreted on the server while JavaScript is an example of a client-side script that is interpreted by the client browser. Both PHP and JavaScript can be embedded into HTML pages.

MODULE DESCRIPTION

1. Customer Management Module: Used for managing the Customer details. The main aim of this module is to provide all the functionality related to customers. It tracks all the information and details of the customer.

Features:

- Admin can add new customer records.
- Admin can see the list of customer details.
- All customer forms are validated on client side using JavaScript.

2. Order Module: Used for managing the details of Order. The main purpose for developing this module is to manage the customer orders. Admin will manage all order records.

Features:

- Admin can manage the order list.
- Customer can edit/delete the order as per their requirements.
- Admin can see the list of order.
- Customer can see his order and get the invoice of the same.

3. Medicine Module: Used for managing the Medicine details. The main aim for developing this module is to manage the medicines datawise. All the medicines will be managed by admin and customer will be able to see the medicines.

Features:

- Admin can see the list of all medicines and filter it according to customers.
- Customer can find a particular medicine also.
- Customer can add them in their cart.
- Admin can edit/delete the medicine details.

4. Medicine Stock Module: Used for managing the Medicine Stock information. The purpose of building this module is to manage the customer medicine stock. Admin will manage all medicine stock record.

Features:

- Admin can update the current medicine stock status as available or unavailable.
- Admin has the details of each customer medicine stock.
- Customer can see his medicine stock.

5. Login Module: Used for managing the login details. This module saves the records of admin and customers login. Any customer can register on the website using the registration module if not having an account.

6. Admin Module : Admin need to login by providing the login credentials to access the below given admin modules.

- Product Entry:
 - i. Admin can enter details about new medicine products details.
- View Order:
 - ii. Admin can view details about the order placed by the user.
- View Users Details:
 - iii. Admin can view all the registered user's details.

INPUT DATA AND VALIDATION OF PROJECT

- All the fields such as Customer, Order, Medicine are validated and does not take invalid values.
- Each form for Medicine Company, Customer, Payment cannot accept blank value fields.
- Avoiding errors in data.
- Controlling amount of input.
- Integration of all the modules/forms in the system.
- Preparation of the test cases.
- Preparation of the possible test data with all the validation checks.
- Actual testing done manually.
- Recording of all the reproduced errors.
- Modifications done for the errors found during testing.
- Prepared the test result scripts after rectification of the errors.
- Functionality of the entire module/forms.
- Validations for user input.
- Checking of the Coding standards to be maintained during coding.
- Testing the module with all the possible test data.
- Testing of the functionality involving all type of calculations etc.

LITERATURE REVIEWS

Purchasing of medicines online is recently started so there is only little literature available. Less research papers are available on online medicines/medical products shopping. Some research papers are available showing benefits of selling medicines and medical products online. With expanded utilization of the web, more individuals access medications and health supplements on the web. However little is thought about components connected with utilizing internet purchasing.

Advantages

There are several advantages of buying medicines online that will help buyer and seller both. These are listed below:

1. **Save Time :** One of the most precious resource time can be save by online order of medicines as it may not be possible that all medicines may available in a single medical shop.
2. **Save Money:** As order of medicines is online there will be no need to go to the medical shop and waste money. Also some websites provides discount coupons that can be used while buying medicines and other medical products. Coupons will give extra discounts as per the offer offered by the seller or any other co-partner of the firm. Sometimes it gives more than 20 percent discount on bill amount.
3. **Save Fuel:** As buyers do not need to go to market or any other place to buy medicines, so fuel will be saved. Sometimes one medicine may not be available in the market but buyers need it on urgent basis so he has to go to each and every shop to check the availability of that medicine. And when it will be delivered by the seller the courier boy delivers all nearby parcels in the same time so it also saves time and fuel.
4. **Mobile Application:** Android, IOs and Microsoft windows applications are available that can be download in mobile phones which makes online shopping of medicines more convenient and easy. It also allows quick online mobile access via internet.
5. **Order Confirmation:** Seller also provides order confirmation email and SMS to the buyers. And on the day of delivery buyer will get detail of the delivery person

including phone number, amount of order and content of the parcel. Buyer can directly call to the delivery person for convenient time of delivery.

6. Prescription Requirement: One thing that is awesome about online medicines seller that they ask about prescription while someone buy medicine from their websites.

7. Online Advertising: Online advertisement also gives benefits to the seller as advertisements on seller's website or mobile application will provide extra money to the seller. Internet promoting is may be the most recognizable case of how firms utilize the rich information.

8. Easy Return Policy: If medicines are not required by the buyer then it can be returned to the seller by means of courier. Buyer has to register for a return of parcel on web. Seller will inform to the courier service to pick up the parcel from buyer (not broken strips) and the cash will be credited to the buyers account shortly once the parcel is received to the seller.

Disadvantages

1. Urgent medicines cannot be order online: As we know that, we cannot predict illness so we cannot order medicines before illness. One major disadvantage is that it takes 2-3 days in delivery.

2. Emergency medical products: Medical services are known as emergency services and generally it requires on urgent basis. So buyer can't buy it before requirement or doctors suggest it.

3. Prescription Error: Sometimes Doctor's handwriting is not readable. So may possible the seller read it wrong.

SYSTEM REQUIREMENTS SPECIFICATION

The Software Requirements Specification is produced at the culmination of the analysis task. The function and performance allocated to software as part of system engineering are refined by establishing a complete information description, a detailed functional and behavioral description, an indication of performance requirements and design constraints, appropriate validation criteria, and other data pertinent to the data.

The proposed system has the following requirements:

- System needs to store information about the new entry of Customer.
- System needs to help the internal staff to keep information of Medicine Company and find them as per various queries.
- System needs to keep the record of the Medicine.
- System needs to update and delete the record.
- System needs to maintain quantity record.
- System also needs a search area.
- System also needs a security system to prevent data.

Identification of need

The old manual system was suffering from a series of drawbacks. Since whole of the system was to be maintained with hands the process of keeping, maintaining the information was very tedious and lengthy. The records were never used to be in a systematic order, there used to be lots of difficulties in assuming any particular transaction with a particular contest. If any information was to be found it was required to go through the different registers, documents there would never exist anything Re report generation. There would always be unnecessary consumption of time while entering records and retrieving records. One more problem was that it was very difficult to find errors while entering the records. Once the records were entered it was very difficult to update these records.

The reason behind it is that there is lot of information lo be maintained and have to be kept in and while running the business. For this reason we have provided features Present system a partially automated (computerized), actuary existing

system is quite laborious as one has to enter same information at three different places.

Following Points should be well considered:

- Documents and reports that must be provided by the new system: there can also be few reports, which can help management in decision-making and cost controlling, but since these reports do not get required attention, such kind of reports and information were also identified and given required attention.
- Details of the information needed for each document and report.
- The required frequency and distribution for each document.
- Probable sources of information for each document and report.
- With the implementation of computerized system, the task of keeping records in an organized manner will be solved. The greatest of all is the retrieval of information, which will be at the click of the mouse. So the proposed system helps in saving the time in different operations and making information flow easy giving valuable reports.

Feasibility Study

After doing the project Online Medical Store, study and analyzing all the existing or required functionalities of the system, the next task is to do the feasibility study for the project. All projects are feasible - given unlimited resources and infinite time.

Feasibility study includes consideration of all the possible ways to provide a solution to the given problem. The proposed solution should satisfy all the user requirements and should be flexible enough so that future changes can be easily done based on the future upcoming requirements.

A. Economic Feasibility: This is a very important aspect to be considered while developing a project. We decided the technology based on minimum possible cost factor.

- All hardware and software cost has to be borne by the organization.

- Overall we have estimated that the benefits the organization is going to receive from the proposed system will surely overcome the initial costs and the later on running cost for system.

B. Technical Feasibility: This included the study of function, performance and constraints that may affect the ability to achieve an acceptable system. For this feasibility study, we studied complete functionality to be provided in the system, as described in the System Requirement Specification (SRS), and checked if everything was possible using different type of frontend and backend platforms.

C. Operational Feasibility: No doubt the proposed system is fully GUI based that is very user friendly and all inputs to be taken all self-explanatory even to a layman. Besides, a proper training has been conducted to let know the essence of the system to the users so that they feel comfortable with new system. As far our study is concerned the clients are comfortable and happy as the system has cut down their loads and doing.

User Interface Design

User Interface Design is considered with the dialogue between a user and the computer. It is concerned with everything from starting the system or logging into the system to the eventually presentation of desired inputs and outputs. The overall flow of screens and messages is called a dialogue.

The following steps are various guidelines for User Interface Design:

1. The system user should always be aware of what to do next.
2. The screen should be formatted so that various types of information, instructions and messages always appear in the same general display area.
3. Message, instructions or information should be displayed long enough to allow the system user to read them.
4. Use display attributes sparingly.
5. Default values for fields and answers to be entered by the user should be specified.

6. A user should not be allowed to proceed without correcting an error.
7. The system user should never get an operating system message or fatal error.

Software Requirements:

Code-Editor: Visual Studio Code

Font-end Tool : HTML, CSS, JavaScript

Back-End : Node.js and MongoDB

Hardware Requirements:

Memory : 2 GB RAM

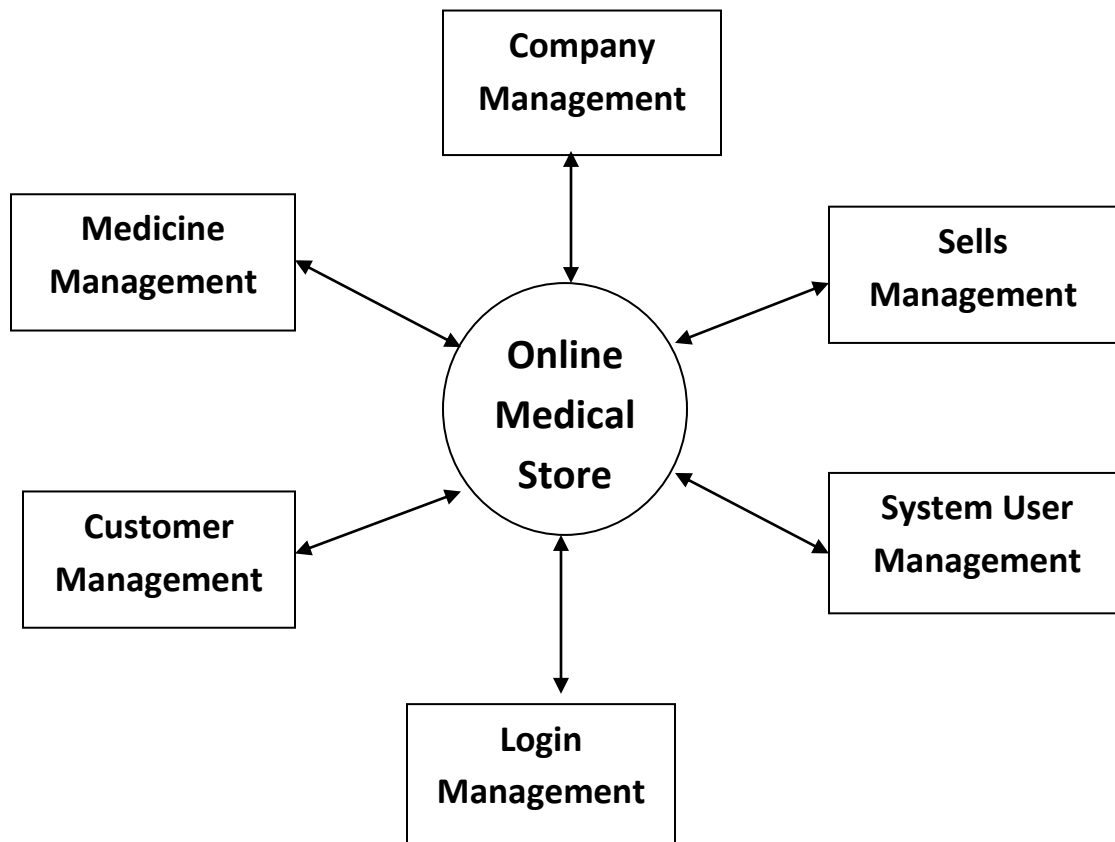
Cache Memory :128 MB or more

Internal Memory: 4 GB or more

Level 0 Data Flow Diagram:

Data Flow Diagram is the starting point of the design phase that functionally decomposes the requirements specifications. A DFD consists of a series of bubbles joined by lines. The bubbles represent data transformation and the lines represent data flows in the system. A DFD describes what data flow rather how they are processed, so it does not a hardware, software or data structure.

A data-flow diagram (DFD) is a graphical representation of the “flow” of data through an information system. DFDs can be used for the visualization of data processing. A DFD is a significant modeling technique for analyzing and constructing information processes. DFD illustrates this flow of information in a process based on the inputs and outputs. A DFD can be referred to as a Process Model.



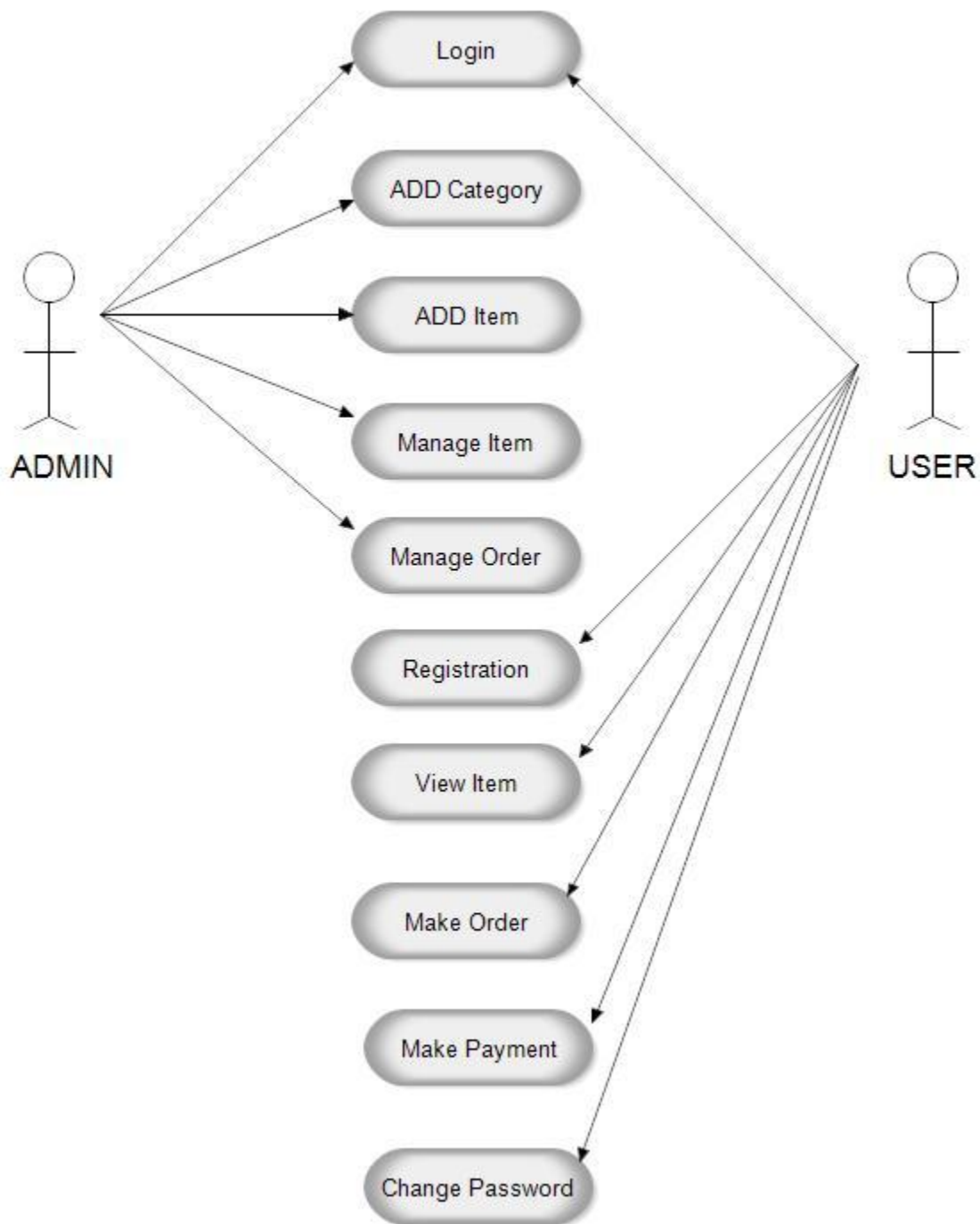
Use-Case Diagram:

The use case model for any system consist of “use cases”. Use cases represent different ways in which the system can be used by the user. A simple way to find all the use case of a system is to ask the questions "What the user can do using the system?" The use cases partition the system behavior into transactions such that each transaction performs some useful action from the users' point of view.

The purpose of the use case to define a piece of coherent behavior without reveling the internal structure of the system. A use case typically represents a sequence of interaction between the user and the system. These interactions consists of one main line sequence is represent the normal interaction between the user and the

system. The use case model is an important analysis and design artifact (task). Use cases can be represented by drawing a use case diagram and writing an accompany text elaborating the drawing.

Use Case Diagram for Online Shopping Website

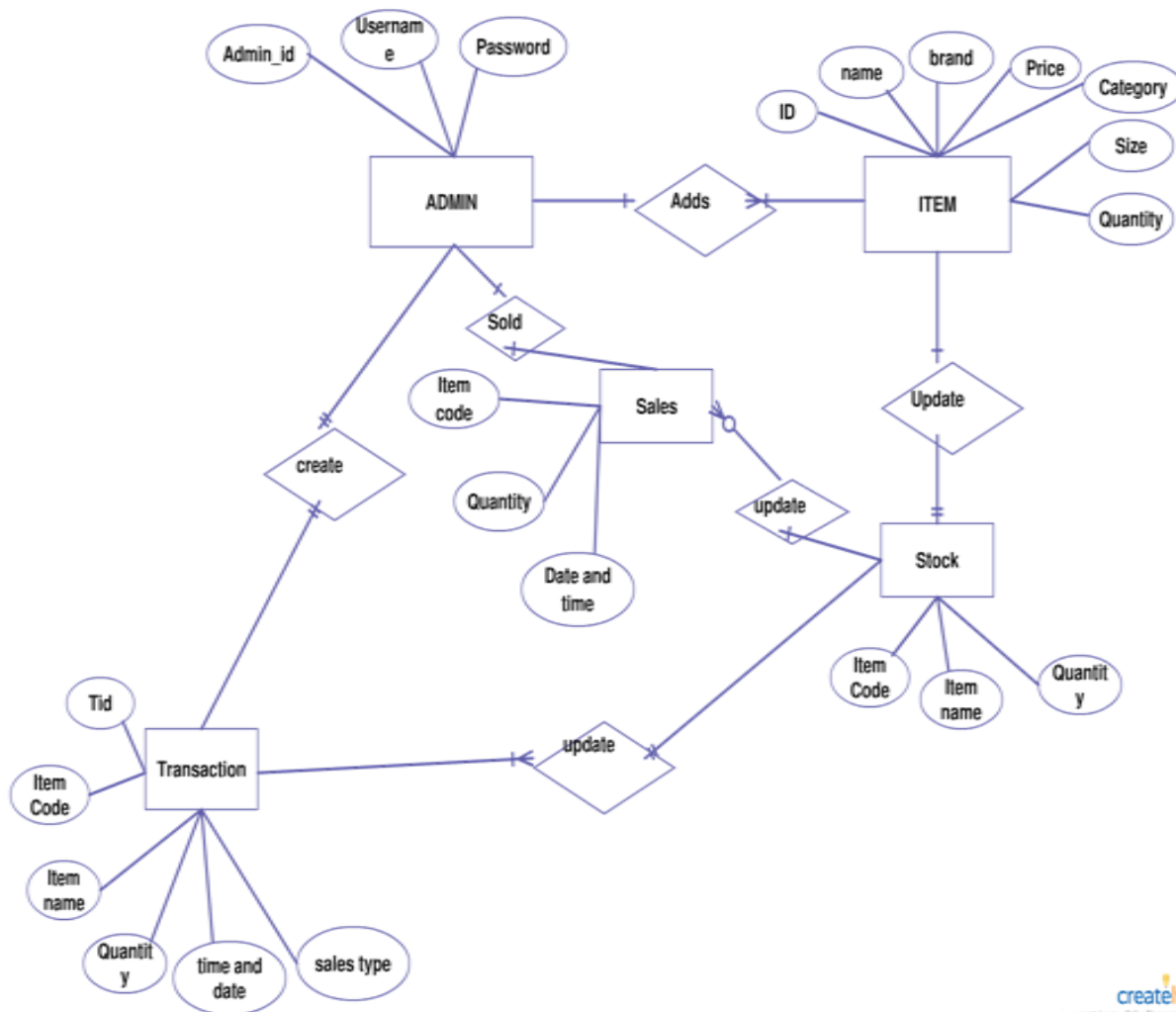


ER-Diagram:

E-R Model is a popular high level conceptual data model. This model and its variations are frequently used for the conceptual design of database application and many database design tools employ its concept.

A database that confirms to an ER diagram can be represented by a collection of tables in the relational system. The mapping of ER diagram to the entities are:

- Attributes
- Relations
- Weak Entities
- Sub-type and Super-type



SCREENSHOTS OF THE PROJECT

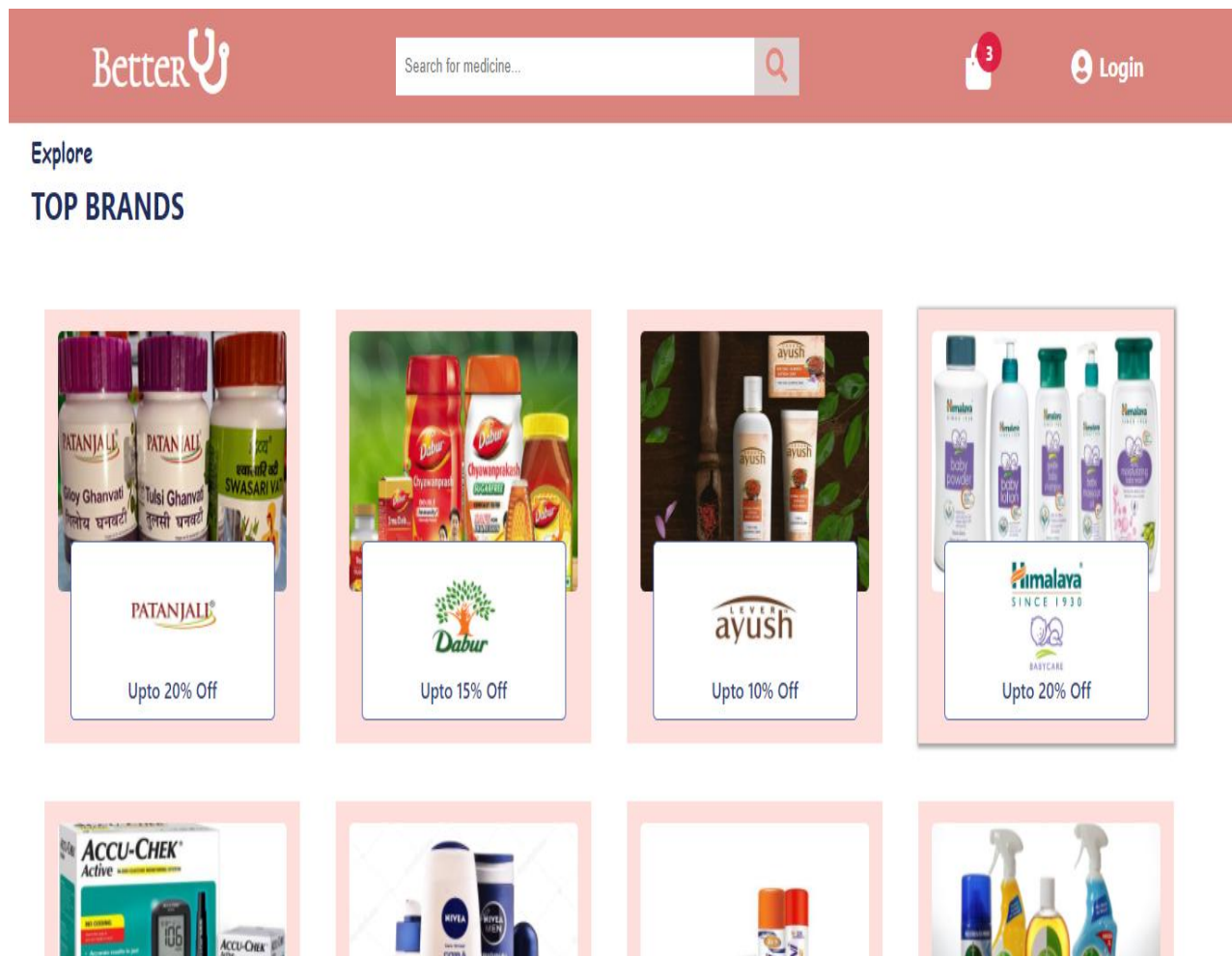
1. Header and Navigation Bar Section: This section is the top most view of our website landing page. It consist of two sections:

i. Navigation Bar- It includes the logo of our website, search bar for searching the products, add to cart button and Login option.

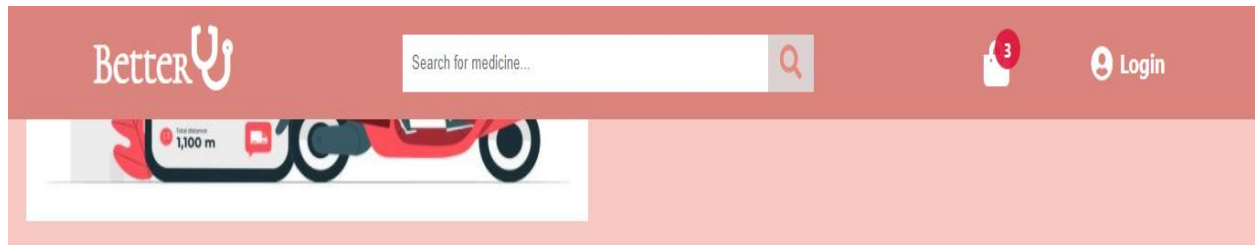
ii. Header- It contains the major categories of products our website is dealing with like health products and personal care products. It also contains a slider banner telling about the offers and other things.



2. Top Brand Products Section: This section shows the popular brands whose products are delivered to you. It includes all the main categorized types for health purpose like Patanjali and Dabur which includes all the ayurvedic medicines to enhance immunity, Nivea and Lever Ayush for body care, Himalaya for women and baby care, etc. As the below image depicts that the card layout is given to them with the offers given on that particular brand products.



3. Popular Categories Section: This section includes a slider showing all the categories used to categorize the products according to their health type category like weight management includes the products that deals with weight, covid essentials having all the products required in this Covid-19 era, the medical devices category having the devices used by surgeons and doctors, etc.



Explore

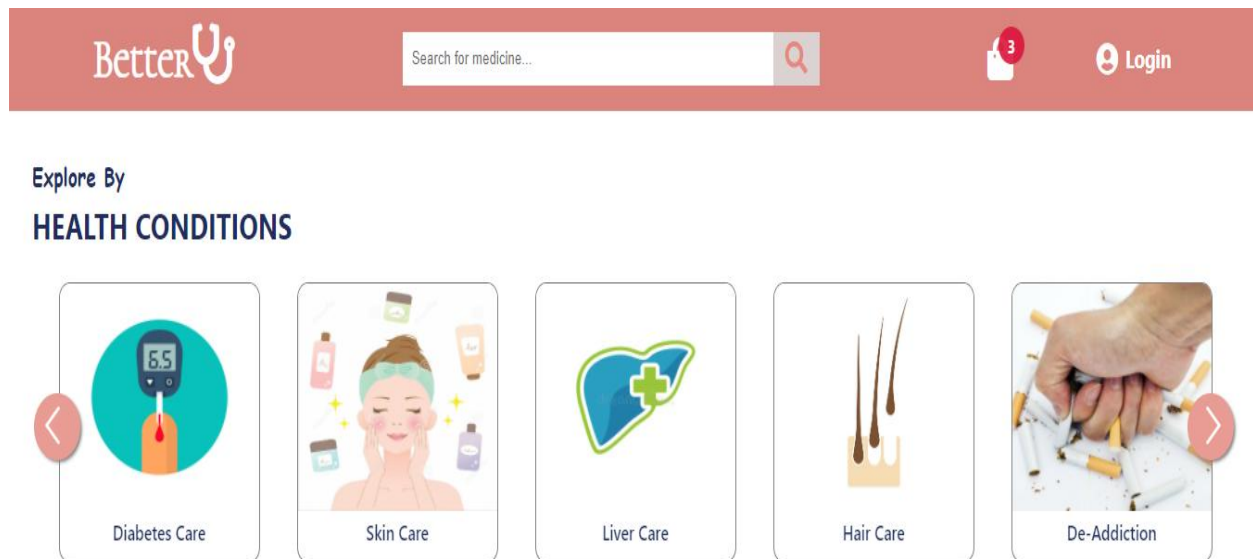
POPULAR CATEGORIES

Get best deals on wellness products

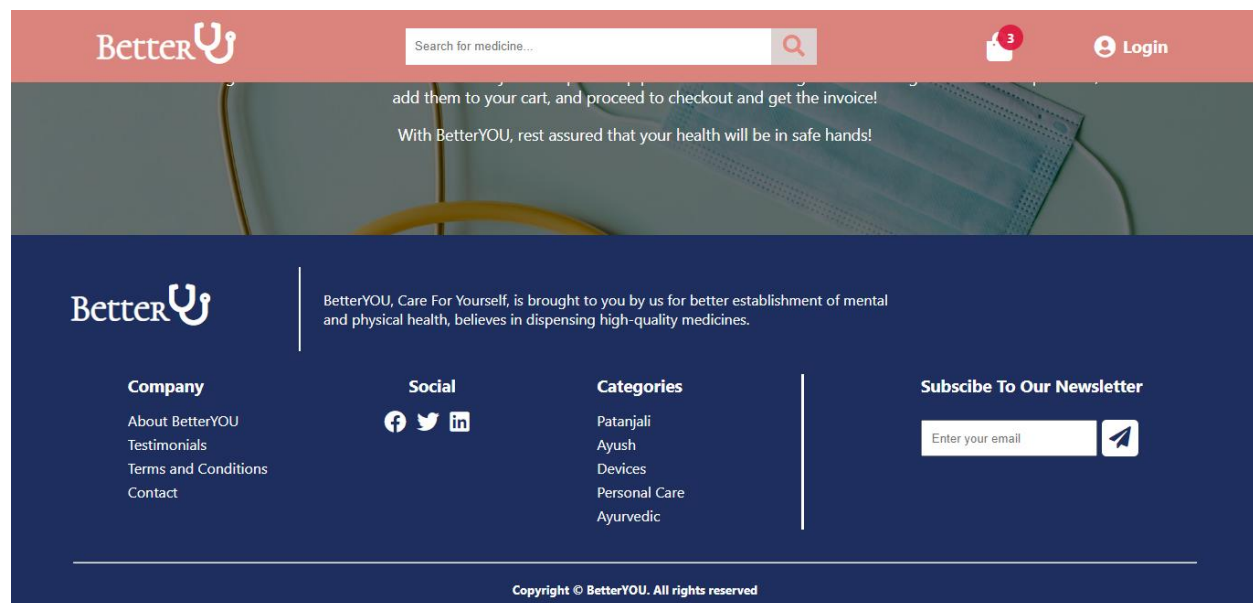


Stock Up

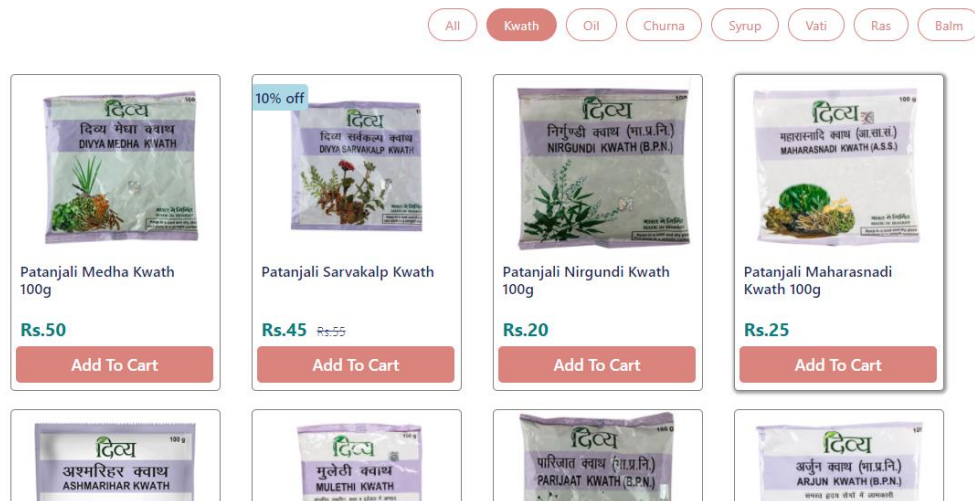
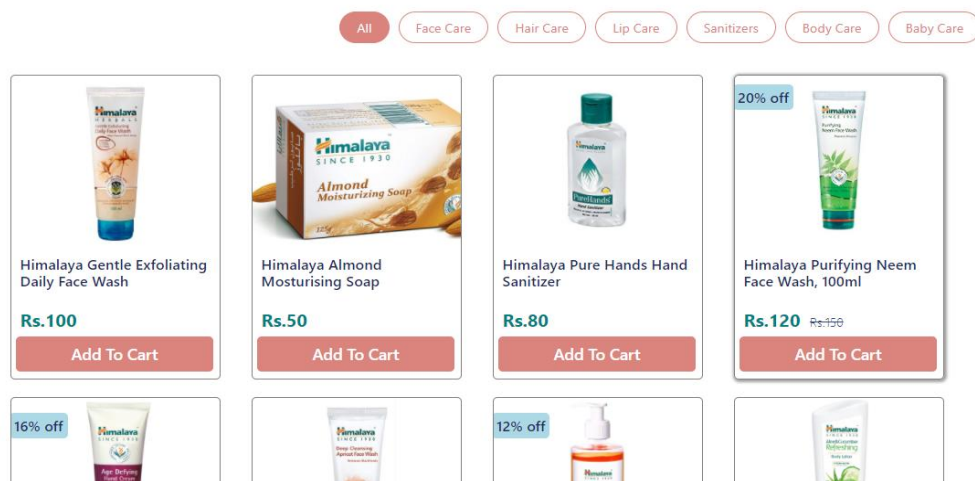
4. Explored by Health Conditions Section: This section categorizes the products according to the health conditions of the people like diabetic care, stomach ache, liver pain, de-addiction, hair care, skin care, etc.




5. Footer Section: This section gives the details of the website like what categories are provided to you in this website, how can you contact us, what this website is dealing with and secure delivery to your homes, how can you connect to us through various social sites too and also a newsletter subscription.




6. Brand Product Page: This page shows the products of a single category you choose from main page with further categories like Hair Care, Body Care, FaceWash, Baby Care, etc i.e. a filter is given so that person can sort the products according to their needs. Each brand has different internal categories according to the products offered by that brand, like Patanjali will serve products for health related problems and ayurveda while Nivea and Himalaya will serve products for body care.




7. Popular Categories Page & Health Condition Page: This page reveal all the products related to the category shown in main page slider. All these products are fetched using “WEBSCRAPPING” with a tool named “UIPath” so that the products are added into this page dynamically after making the product description file. Its User Interface is similar to the brand products page user interface.




3
Login

Covid Essentials




40% off

Asgard Nonwoven Fabric Disposable 3 Ply Surgical Mask (Blue, Without Valve)

Rs.599 ~~Rs.599~~

Add To Cart




73% off

DALUCI Cotton Reusable 5 Layered N95 Face Mask (White, Without Valve, Pack)

Rs.349 ~~Rs.349~~

Add To Cart




75% off

Amazon Brand - Solimo 3-Ply Disposable Surgical Mask with Meltblown Filter

Rs.200 ~~Rs.200~~

Add To Cart




20% off


Amazon Brand - Solimo Hand Sanitizer Gel-75% v/v alcohol-with Aloe Vera &

Rs.199 ~~Rs.199~~


Add To Cart




40% off




50% off




56% off




68% off




3
Login

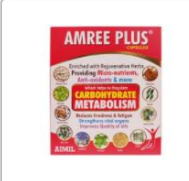
Diabetes Care



Medlife Labs Diabetes Lab Test (Fbs, Hba1c) 1 Unit

Rs.570 ~~Rs.600~~


Add To Cart



Aimil Amree Plus Capsule 20 Capsule

Rs.114 ~~Rs.125~~


Add To Cart



Sugar Free Gold Pellets 500 Pcs

Rs.212 ~~Rs.250~~


Add To Cart





Medlife Essentials Diabetasafe 60 Tablets


Rs.949 ~~Rs.999~~

Add To Cart

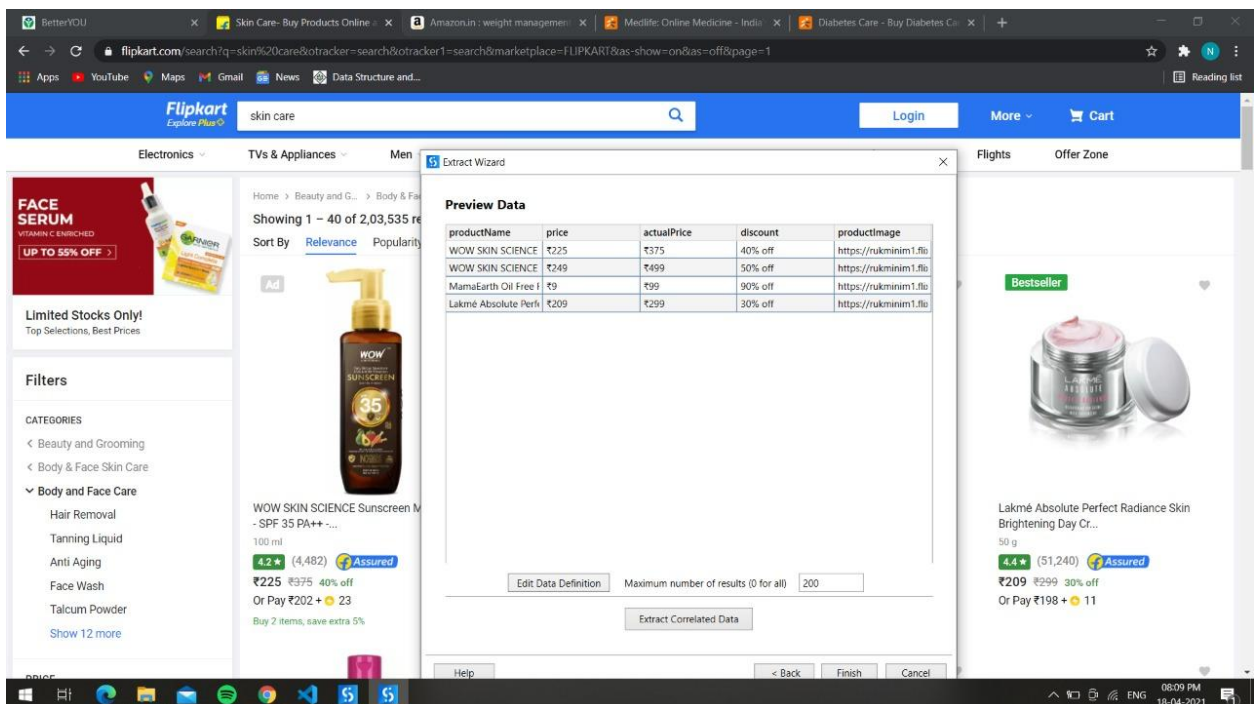
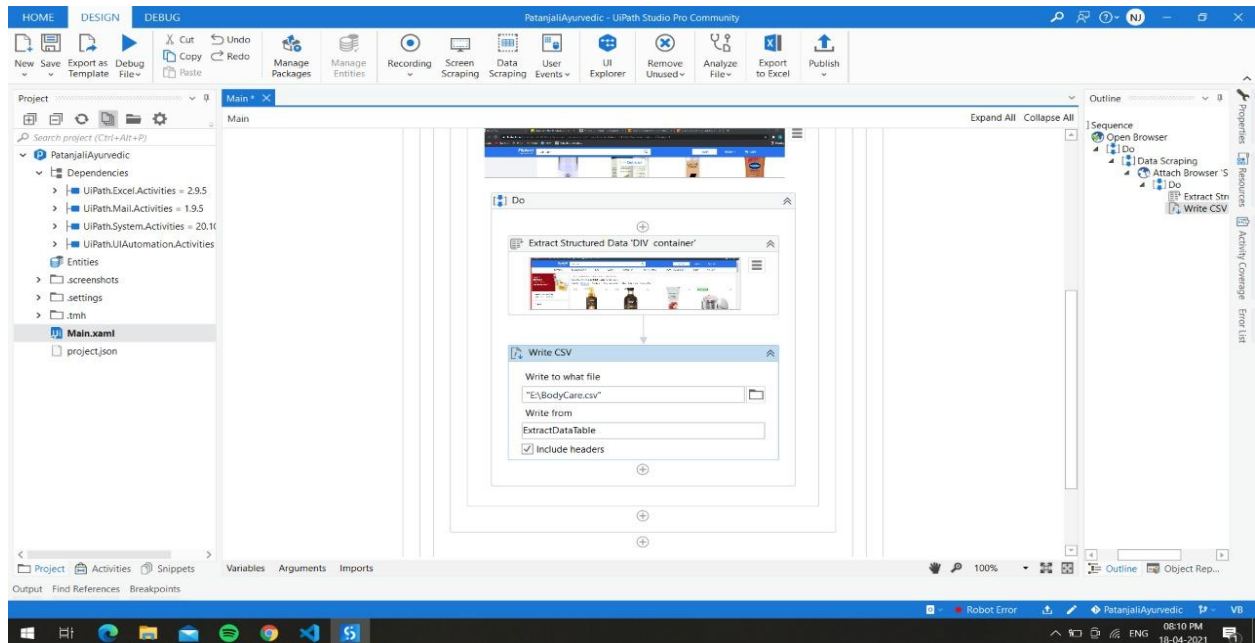




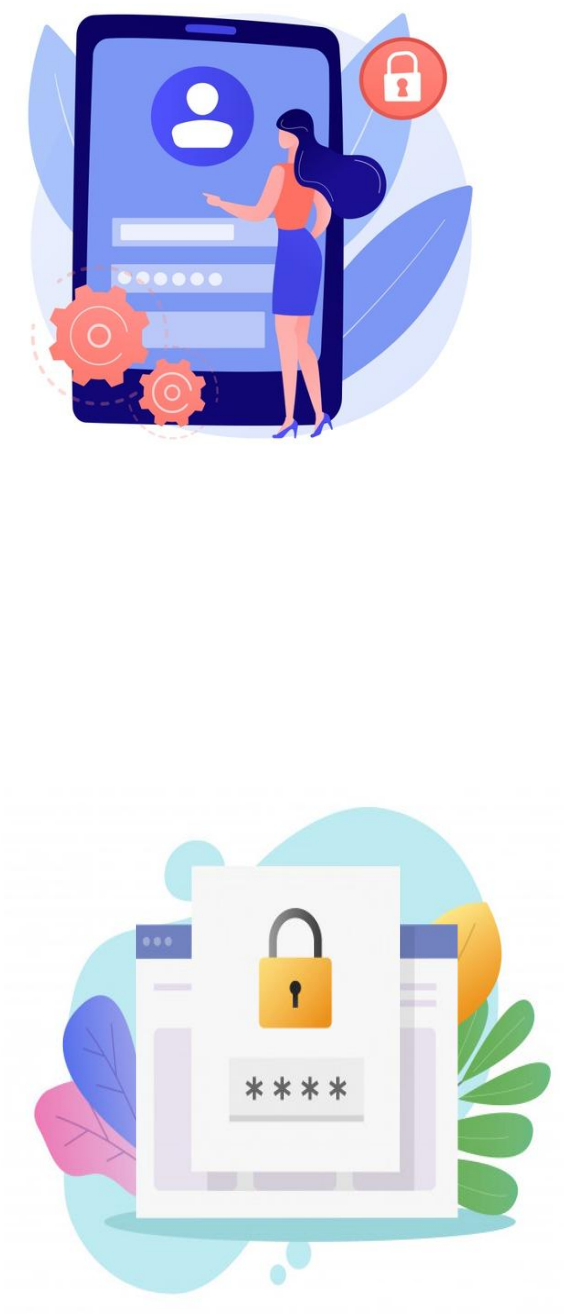




8. WebScrapping: It is a technique used by us to fetch the product details like its image, its name, its price etc from several websites through which we traverse through a series of the url of several websites and create a json file which helps in adding the products to our website page frequently.



9. Login and SignUp Page: This page shows the user interface of login and register your new account.



Login

[Forget Password?](#)

Login

New Here? [Sign Up](#)

Register

Sign Up

Existing user? [Login](#)

10. Add To Cart UI: This page has the functionality of adding the products user wants to purchase in their cart for further formalities. It has the option to remove the selected product and also QTY box to increase the quantity of the product as per user's need. At the bottom, total amount to be paid is shown with a proceed button for checkout process.


BetterU

Search for medicine...

Q


Login

My Cart



Dettol Handwash with Refill 250ml
Rs. 400

QTY: 1 ▼
Remove



Patanjali Giloy Ghanvati 40g
Rs. 100

QTY: 1 ▼
Remove

PAYMENT DETAILS

Total Amount
Rs. 500

Proceed

11. Checkout Page: This page includes a form to get all the details of the user like their name, their shipping address, their billing mode, their card details etc. This page will take the user to the order confirmation page.

Checkout / Payment

First name

Radhika

Last name

bansal

Email (optional)

radhika.bansal@gmail.com

Address

Gla university

Enter your Complete Address

Country

India

State

Uttar Pradesh

PinCode

281406

☒ Credit card / Debit card

Name on card

Credit/Debit card number

Full name as displayed on card

Expiration

CVV

Amount to be Paid: **Rs. 500**

Confirm

12. Order Confirmation Page: This page shows the confirmation message to the user with its name popping on the screen and the required details of the user fetched from the checkout form. It also has the total amount to be paid after including shipping charge and taxes to the provided shipping address.



Your Order Is Confirmed!

Hello! Radhika

your order has been confirmed and will be shipped in 2-3 working days

Order Date

20 April 2021

Order Number:

ABC1234567

Payment Method:

Debit Card 

Shipping Address:

Uttar Pradesh

Subtotal

Rs. 500

Shipping Fee

Rs. 45

Tax

Rs.30

Total

Rs. 575

Expected Delivery Date

23 April 2021

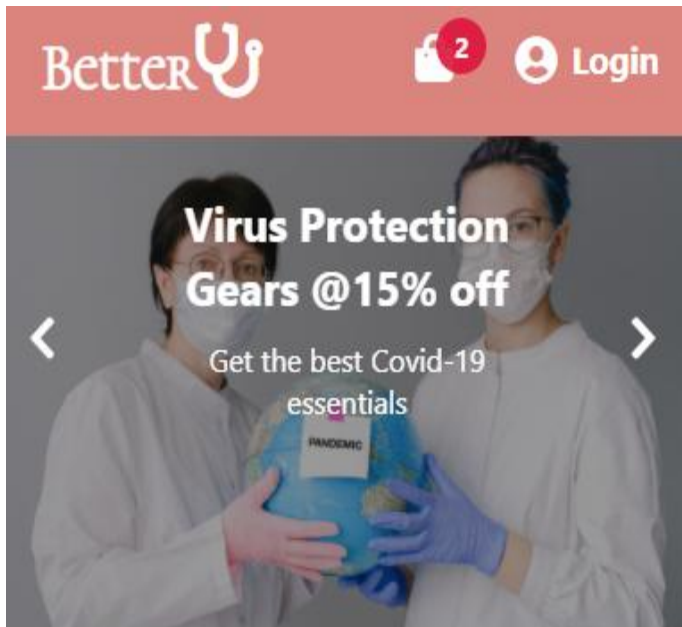
We will be sending a shipping confirmation email when the item is shipped!

Thank You For Shopping

Better You Team

Call - 1234567890

13. Responsive Website: This website is fully responsive for any device like mobile phones or tablets.



CONCLUSION

The first conclusion this study provides is the realization of online medicine shopping in India as being a niche market. Our project is only a humble venture to satisfy the needs to manage their project work. We have defined the problem on which we are working in this project. We describe the requirement specifications of the system.

Medical online store is actually a software which handle the essential data and save the data and actually about the database of a pharmacy and its management. This software helps in effectively management of the pharmaceutical store or shop. It provides the statistics about medicine or drugs which are in stocks which data can also be updated and edited. It works as per the requirement of the user and have options accordingly. It allow user to enter manufacturing as well as the expiry date of medicine placing in stock and for sales transaction. This software also has ability to print the bill and invoices etc. The record of suppliers supplie can also be saved in it. There are other functions available too. The main purpose is effectively and easily handling of pharmacy data and its management.