A project report on

Medpick

Submitted in partial fulfillment of the requirement

for the award of the degree

MASTER OF COMPUTER APPLICATIONS

Of

Visvesvaraya Technological University
Belgaum, Karnataka

By

POOJA A
1CR18MCA84

CMR INSTITUTE OF TECHNOLOGY

132, IT Park Road, Kundalahalli, Bangalore-560037

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Under the guidance of

Internal Guide

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Bangalore.

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Bellary.

CMR INSTITUTE OF TECHNOLOGY

132, IT Park Road, Kundalahalli, Bangalore-560037

2019-2020

CMR INSTITUTE OF TECHNOLOGY

Department of Master of Computer Applications
Bangalore - 560037

CERTIFICATE

This is to certify that the project work entitled

Medpick

Submitted in partial fulfillment of the requirement
for the award of the degree of
Master of Computer Applications of the
Visvesvaraya Technological University, Belgaum, Karnataka
bonafide work carried out by

POOJA A
1CR18MCA84

during the academic year 2019-2020.

Signature of the Guide **Dr. Anu Manchanda** Associate Professor, MCA	**Signature of theHOD** **Ms.Gomathi.T** HOD, MCA	**Signature of the Principal** **Dr. Sanjay Jain** PRINCIPAL, CMRIT

External Viva

Name of the Examiners
1.
2.

Signature with date

एन एम डी सी लिमिटेड / **NMDC Limited**
(भारत सरकार का उद्यम / A Govt. of India Enterprise)
दोनिमलै काम्प्लेक्स / **Donimalai Complex**

Donimalai Township – 583 118, Dist: Bellary- Karnataka
Phones: 08395 – 274624, Fax : 08395 – 274649

ISO 9001:2000
ISO 14001:2004
OHSAS 18001:2007

Date: June 11, 2020

CERTIFICATE

We hereby confirm that **Kum. Pooja A**, of your college CMR Institute of Technology with USN: 1CR18MCA84 has successfully completed the Project at NMDC Ltd. Donimalai from 12th January 2020 to 10th June 2020.

The Project based on PHP with the title "Medpick" under the guidance of Mr. Mohan Rao, Project Guide, NMDC Ltd. Donimalai, Ballari Dist-583118.

DGM (C & IT)
Mohan Rao
Project Guide

NMDC. Limited, DIOM.
17 JUN 2020
PERSONNEL DEPARTMENT

DECLARATION

I, **POOJA A,** student of 6th MCA, **CMR Institute of Technology**, bearing the USN **1CR18MCA84**, hereby declare that the project entitled **"Medpick"** has been carried out by me under the supervision of External Guide **Mr. A.V.Mohan Rao,** Project Manager**,** and Internal Guide **Dr. Anu Manchanda**, **Associate Professor**, **Dept. of Master of Computer Applications** and submitted in the partial fulfillment of the requirements for the award of the Degree of Master of Computer Applications by the **Visvesvaraya Technological University** during the academic year 2019-2020.The reports has not been submitted to any other University or Institute for the award of any degree or certificate.

Place: Bangalore POOJA A

Date: (1CR18MCA84)

ACKNOWLEDGEMENT

I would like to thank all those who are involved in this endeavor for their kind cooperation for its successful completion. At the outset, I wish to express my sincere gratitude to all those people who have helped me to complete this project in an efficient manner.

I offer my special thanks to my external project guide Mr. A.V.Mohan Rao Project Manager, NMDC Donimalai Ltd, Bangalore, and to my Internal Project guide Dr. Anu Manchanda, Department of MCA, CMRIT, and Bangalore without whose help and support throughout this project would not have been this success.

I am thankful to Dr. SANJAY JAIN, Principal, CMRIT, and Bangalore for his kind support in all respect during my study. I would like to thank Mr. A.V.Mohan Rao, Project Manager, NMDC Donimalai Ltd., Bangalore, who gave opportunity to do this project at an extreme organization Most of all and more than ever, I would like to thanks my family members for their warmness, support, encouragement, kindness and patience. I am really thankful to all my friends who always advised and motivated me throughout the course.

POOJA A
(1CR18MCA84)

Project Report

ORIGINALITY REPORT

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SIMILARITY INDEX	INTERNET SOURCES	PUBLICATIONS	STUDENT PAPERS

PRIMARY SOURCES

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CHAPTER 1

INTRODUCTION

1.1 PROJECT DESCRIPTION

More and more people are engaging to solve everyday problems. At Medpick, we help Hospitals, pharmacies, nursing homes and other healthcare businesses to procure medical supplies directly from manufacturers and major distributors. It offers integrated solutions to deliver healthcare efficiently and effectively. By helping healthcare organizations procure products and cut costs helps them deliver care effectively thus making it affordable to the patient. Our model will be a powerful unifier between all stakeholders in market working towards revolutionizing healthcare delivery.

This is completely based on the business to business application. There are no middleman only manufacturers. Our contracts with manufacturers help us to offer you to bulk products and provide you with discounts. Medpick is business to business e-commerce platform, so no individual users can place a order for products. Only the Business groups can login to this application or register to this platform.

Objectives:

- Healthcare organizations and pharmacies find value in bulk purchasing through Medpick platform directly from the manufacturer or source.
- Get access to a wide variety of new and refurbished products from USA and India. Wide range of products from reputed manufacturers and distributors.
- If don't find something request for the same and medpick will procure it for the customers.
- Those products which need installation will be provided assistance and Medpick is also partner with people who can provide annual maintenance.

Purpose:

Customer retention is our main focus and we tend to work through a customer centric approach. Whether it is online support through pharmacists and health professionals at Medpick or offline support at the retail outlets - we answer all the questions of our customers. Our plan is to extend sales to consumers on a variety of platforms like the web and especially mobile, which has an ever-growing user base in a developing country like India.

Scope:

The Business solution unit of the company lies mainly in Hyderabad. Across the companies, requests will be raised for different needs on a daily basis. These request processing is taken care by company. The requirements for the application is collected by different medical organization and applications that determine the basic work-flows are given to Medpick Team.

Applicability:

More people are engaging with present technology to solve everyday problems. At Medpick, we help Hospitals, pharmacies, nursing homes and other healthcare businesses to procure medical supplies directly from the manufacturers and major distributors. It offers integrated solutions to deliver healthcare efficiently and effectively. By helping the healthcare organizations to procure products and cut costs which help them deliver care effectively thus making it affordable to the patient. Our model will be a powerful unifier between all stakeholders in market working towards the revolutionizing in healthcare delivery.

Process Description:

Medpick is a business model where after purchase support has been a defining factor, they talk to business, in order to make the buying experience better and simpler and work on enabling stress-free returns. Medpick also will create a global network for manufacturers and distributors to channelize their products to Indian consumers through our Medpick partners.

Achievements:

Most people are engaging technology to solve daily occur problems. At Medpick, we help in Hospitals, pharmacies, nursing homes and healthcare businesses to procure the medical supplies directly from manufacturers and major distributors. It offer integrated solutions to deliver healthcare efficiently and be effectively. By helping healthcare organizations procure the products and cut costs helps them to deliver care effectively thus making it affordable to the patient. Our model will be a powerful unifier between all stakeholders in market for working towards the revolutionizing healthcare delivery. This project is in development phase.

1.2 COMPANY PROFILE

National Mineral Development Corporation Limited (BSE:526371, NSE:NMDC) is generally known as "NMDC" was state-controlled mineral producer the government of India. It owned by government of India is lower the administrative control for Ministry Steel. NMDC Ltd is the largest iron ore which produced by volume in India. In company they was engaged with exploration of range minerals including iron ore, copper, rock phosphate, lime stone, dolomite, gypsum, bentonite, magnesite, diamond, tin, tungsten, graphite and beach sands. They have principal operations including iron ore mining complexes at Bacheli and Kirandur in State of Chhattisgarh and Donimalai state of Karnataka, with each consists several iron ore mines. Company sells out most of their high grades iron ore production to Indian Domestic steel of market, which was pursuant long term sales contracts. They sell their products, iron ore fines, lump and slimes, was through company's sale, it involved with iron ore, copper, rock phosphate, graphite, limestone, dolomite, gypsum, tin, bentonite, magnesite, diamond, tungsten etc.

NMDC Ltd has reported the modest 3.36% is to increase the cumulative iron ore sales to 19.99 million tone in between April-November 2019 is against to sale of 19.34 million tone in same period of last year. While NMDC's Chhattisgarh mines was accounted for bulk the sales at 14.85 million tone against the 13.78 million tone of last year in contribution of company mines in Karnataka was also lower at 5.14 million tons this year was compared to 5.56 million tone at2018. NMDC was posted marginal rise in a iron ore production to 18.89 million tone in April-November 2019 to production of 18.75 million tone is November 2108.

National Mineral Development Corporation Ltd has total iron ore production in month of November 2019 was lower at 2.94 million tone was against to 3.29 million tone in a November 2018, while sales can remained with flat at 2.79 million tone is same as November month of last year.

Our Missions:

Our mission is to make technology enabled solutions to unravel number of issues in life conservation. Our semi-permanent vision is make a life technology platform for scientist, Zoologists, student to make share and legitimate. Digital conservation assets in-today's world, company depends on technology to stay business operations connected.

Process:

- Understanding existing skill levels
- Training need analysis
- Comprehending expected skills to imparted
- Prepare the comprehensive training solution and design curriculum after interacting closely.
- Understanding client's domain expertise and Technical Competency.
- Measuring training effectiveness post.
- Training delivery through highly experienced trainers with daily monitoring through tests, assignment.

Manpower Services:

- Cost Effective
- Vast network of training and other Consultants in Tier 2, Tier 3 Cities and town of states.
- Team focused on Individual clients
- Vast network of Freelance recruiters is enrolled apart from permanent staff.

CHAPTER 2

LITERATURE SURVEY

2.1 EXISTING SYSTEM AND PROPOSED SYSTEM

2.1.1 EXISTING SYSTEM:

Existing system medicines is based on pharmacy management that contains only modules for buying tablets products. Within existing system there's no guarantee to urge the first product from shop.

Drawback:

- This is often more difficult to work out the specified product on actual shop
- Time consuming process
- Less user-friendly manner
- Patron must attend shop and choose products and pip out.
- Standard and Quality of merchandise is restricted.

2.1.2 PROPOSED SYSTEM:

This is completely based on the business to business application. Customers need the medical store from management field in system. There are no middleman only manufacturers. Our contracts with manufacturers help us to offer you bulk products and provide with discounts. Medpick is business to business e-commerce platform, so no individual users can place a order for medicine products. Only the business groups can login to this application or register to this platform.

Medpick is a business model where purchase support has been a defining factor, they talk to business, in order to make buying experience better and simpler work on enabling stress-free

returns. Medpick will create global network for manufacturers and distributors to channelize their products to Indian consumers through our Medpick partners.

2.2 FEASIBILITY STUDY

Feasibility study takes project's analysis factor that includes economic, technical, legal and schedule that can consider the project should be completed successfully. It is a stage where the project is designed that prescribes whether it possible or not.

Aim:

- To examine whether the web application will meet companies requirements.
- To inspect if the web application can be done with existing technology within particular budget and schedule.
- Can the product be coordinated with other programming in the application area.

Types of Feasibility:

Economic Feasibility - The Economic Feasibilities prescribes the cost for operation i.e., To inspect whether the project is completed within the estimated budget. Most of the projects are done within the budget with the usage of open-source technologies available in the market.

Technical Feasibility - The Technologies Feasibilities prescribes that the updated web technologies are used in this project.

Operational Feasibility - It determines the performance of the application whether the application is able to perform with the required operation and able to solve the complications and whether requirements which recognized the requirement analysis phase.

2.2 TOOLS AND TECHNOLOGIES USED

Various technologies used for completion Medpick are:

- **HTML[Hypertext Markup Language] :**
  Html is usually used for website development. Basic editor used for writing html code is Notepad, there are many editors like sublime text editor, Edit plus, Visual studio code editor and more.

  Web browser get HTML file from web server and can see the website page in any type of browsers. HTML describes the structure of web page and it is tag based language.

  1. HTML describes structure of web pages using Markup
  2. HTML elements are building blocks of HTML pages
  3. HTML elements are represented by tags
  4. Browsers do not display HTML tags, but use them to render the content of page.
  5. HTML tags like heading, style, table, form etc..

- **CSS:**
  CSS is Cascading Style Sheet that used for creating webpage adding style in that simple and easiest way. Cascading Style Sheet, referred to as CSS, it is simple style based language to make website attractive.

- **PHP:**
  PHP is the server-side scripting languages, it can be naturally used for form handling and the database access. PHP is purely Interpreted and can uses the dynamic typing.

  WordPress is language used for developers and enhance platform. It's easy to learn and supported by development community. PHP helps developers to create web applications fastly.

Features

1. Connects database systems
2. Used editing splits
3. Code Formation
4. Unit Testing
5. Debugging
6. Cross-application tracing
7. Infrastructure
8. Performance
9. Quality Code analysis

- **MySQL:**

  Retrieval for large amount of records can be efficiently and quickly managed. Most references of database system can managed without writing substantial amount of courts. MySQL executed set aside methodologies hardly exceptional which helps growing show of application. We understand that consequent to make set aside framework it is requested and taken care of database.

  MySQL Stored procedures are advantageous considering way that when we create our set aside technique in SQL, we understand that SQL will continue running on each phase that continues running on, without obliging us to present extra runtime-condition pack or set approvals for program execution in working system.

- **Shopify:**

  Shopify is Exchange products, use to buy and sell stores in online. It takes long time to finish simplify tasks.

Features:

1. Exchange: sell products by online
2. Burst: Admin website to add new images
3. Kit: Send emails to customers like marketing
4. Business Generator: allows find business name from store
5. Hatchful: Logo design
6. Image Resizer: used import product images

2.3. HARDWARE AND SOFTWARE REQUIREMENTS

HARDWARE REQUIREMENTS:

- System Processor : Intel core i7
- System RAM : 2GB or higher recommended per CPU core.
- Hard disk : 10GB recommended.

SOFTWARE REQUIREMENTS:

- Web Browser : Google Chrome, Mozilla, Internet Explorer
- Operating System : Windows 7
- Frontend : HTML, CSS, PHP
- Backend : Shopify
- Software : Adobe Dreamweaver, Shopify

CHAPTER 3

SOFTWARE REQUIREMENTS SPECIFICATION

3.1 FUNCTIONAL REQUIREMENT

3.1.1 Business Rules

Mobile-friendly design for the customers to understand and use efficiently. Speed of website, then website speed an important factor for the usability of a website. Security and ability to gain user trust, especially as orders may be for large dollar amounts. The Password protected areas of site, or even the entire site. Password protected specific aspects of the site, such as price and add-to-cart, Multiple currency support and Multiple language support. Landing page functionality for PPC and online marketing efforts.

3.1.2 Administrative Functions

The software allow to input products data from Administrator and secure of access point of system user. From streaming of data in real-time monitoring equipment. The requirements is required to do project with high levels of errors correction and input validation.

3.1.3 Authentication

Requires username password to access a data, and after authentication it allow to access system for customers.

3.1.4 Products

Purchase multiple variants of a product (size, color, etc.).View detailed inventory details, customer doesn't find what he or she needs, they simply move to another retailer. In this project must identify Products and Customers by unique number for identifier, derived function was performs Customer's birth date or product. Display product name, description, advanced for specification, and other attributes. View compatibility information with other products. View estimated delivery dates based on addresses an account has on file. Add secure member or customer-only support content for post-sale support, such as downloads, warranty cards, etc.

3.1.5 Checkouts

Create a new account under an existing organization account, possibly by having a license ID of the Pharmacy or Hospitals that can then be verified. The requirement of an approval process for new account creation by the admin of the Medpick. Ability to save shipping and payment defaults when logged into an existing account. Enter shipping information to designate where the item(s) should be delivered by the vendors. Take credit card information and store that card information. Way for use on automatic subscription renewal, when it makes sense. Use account credits as payment. See shipping rate quotes across multiple fulfillments.

3.1.6 Online Account Request Page

Take new application for account creation requests. Accept specific approval documents, like certification files. Take specific inputs, such as license numbers. Input expected transactional volume, customer details and other qualifying characters.

3.2 NON FUNCTIONAL REQUIREMENT

3.2.1 Performance

Application of performance is based on how fast application works when there are multiple uses who are accessing the system. It may include the uploading of files, opening the multiple pages at a single time. How fast the data is being processed when the application is being used.

3.2.2 Reliability

It defines how the application is developed for reliable to be used by users. Usually defines how and in what kind of conditions software fails to work or time, which it takes more to processed. When there are multiple users using the application at a single time the server might become busy and the processing of data users can become slow or even stop sometimes for long period of time.

3.2.3 Maintainability

Ability of application go through changes with fair degree of effortlessness. Application can used by multiple users at a time. The system being developed in such that modules or sub modules are added, updates, edited or deleted will not affect the rest of other modules which are in state working process.

3.2.4 Portability

Every time there are group of people who put their efforts to make application to work successfully. The application can be developed in other platforms and also be updated in latest technologies and versions available.

CHAPTER 4

SYSTEM DESIGN

4.1 SYSTEM PERSPECTIVE

4.1.1 Customer Registration

- **Identification:** Registration of valid customer.
- **Type:** Module
- **Purpose:** The registration of customer is done to store all the details of the customer based on license of the customer. And the admin gives approval to the customer.
- **Function:** The customer details are used to provide details like the date of registration, type of firm, etc. The customer can order what he needs.
- **Subordinates:**
  Get customer details
  Put customer details
- **Dependencies:**
  Depends on the Admin approval from the medpick.
- **Interface:** The form is displayed in a predefined format, where the user can enter all the relevant customer details.
- **Resources:** Browser(WebUI).
- **Processing:** The Admin will enter the details of the customer and enroll him as a (Medicals/Hospitals) type of customer. After the registration is done the customer will be able to avail the benefits depending on the loyalty type.
- **Data:**
  Customer details are retrieved from shopify format for entered customer ID.

4.1.2 Viewing/Ordering Products

- **Identification:** Registered Customers can view and order the products.
- **Type:** Module
- **Purpose:** The customers can order the products from the medpick. Where the customer should be approved by the admin.
- **Function:** The customer details are used to provide details like ordered product, quantity, etc.,
- **Subordinates:**
  Get customer details
  Put customer details
  Get product details
  Put product details
- **Dependencies:**
  Depends on the stock check in the medpick store.
- **Interface:** The products are displayed in a predefined format, where the user can order the products.
- **Resources:** Browser(WebUI).
- **Processing:** The customers can order an products.
- **Data:** Ordered details are retrieved from shopify format for entered customer ID.

4.1.3 Update the products

- **Identification:** Update the products by vendor.
- **Type:** Module
- **Purpose:** The products will be updated based on the purchases done so that the customer can avail more benefits.
- **Function:** If the purchase is high, the products will be updated.
- **Subordinates:**
  Update product.
- **Dependencies:**
  Depends on the stock check and also admin approval.

- **Interface:** The form is displayed in a predefined format, where the vendor can enter all the product details and ID numbers.
- **Resources:** Browser (WebUI).
- **Processing:** Update will happen if the purchase amount is above a certain limit, When the update occurs the ID number remains the same.
- **Data:**

  Id is used to get the product details and tier from database.

4.1.4 Reports

- **Identification:** Generate different reports based on purchase made, points used, business done per tier etc.
- **Type:** Module
- **Purpose:** Reports aid in providing vital information about the business. It will give information like, total number of customer in a particular tier, business done per tier, sales growth per tier, promotions, etc.
- **Function:** Point of sales person or any user with access can generate reports by passing related information like customer id, loyalty id, date etc. to get the report.
- **Subordinates:**

  Get card statement based on customer id.

  Get card statement based on date.

  Offer details for card id.

  Card tier history based on card id.
- **Dependencies:** The reports generated depend on the customer's information, product details, etc.,
- **Interface:** The form is displayed in a predefined format, where the staff member can enter customer details, card number, or tier and generate the report.
- **Resources:** Browser(WebUI).
- **Processing:** Reports on each customer is generated by entering customer details like phone number, ID, address, licenceID.
- **Data:**

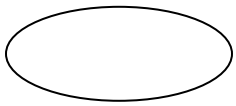
  Based on the input data will be read from related tables like shopify.

4.2 CONTEXT DIAGRAM

Determines boundary of system or parts of system and its environment, displaying entities that interact with it. This diagram represents different modules used for chart describing the details into different forms. It used for visualization of data processing. Context Diagram is high level view of system, it common tool that Business Analysts.

It describes the overview functionalities required by external entities, it be decomposed into number of sub-level. Basic notation used to create a DFD makes it easy to analyze and understand basis diagrams.

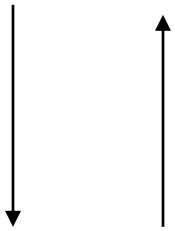
CONTEXT DIAGRAM NOTATION



Process - Represents Function

Data Store - Represents File and Database

Source - Represents Input or Output



Data Flow - Represents flow of data

4.2.1 DATA FLOW DIAGRAM OF ADMIN

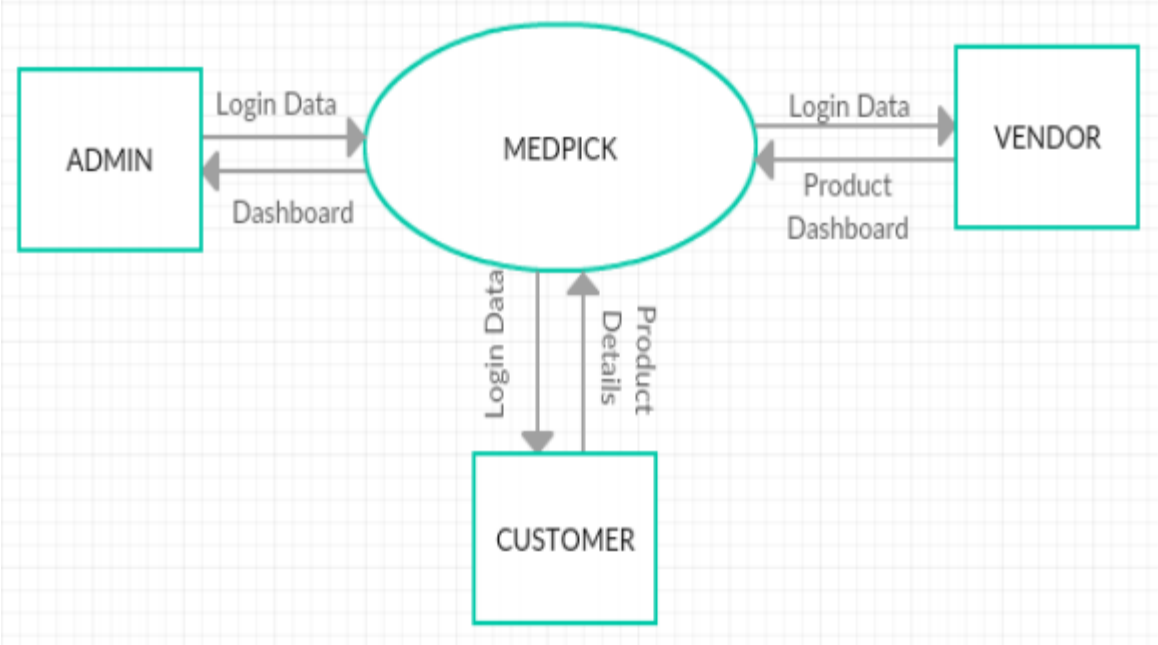


Figure 1: Admin side data-flow diagram

4.2.2 DATA FLOW DIAGRAM OF USER

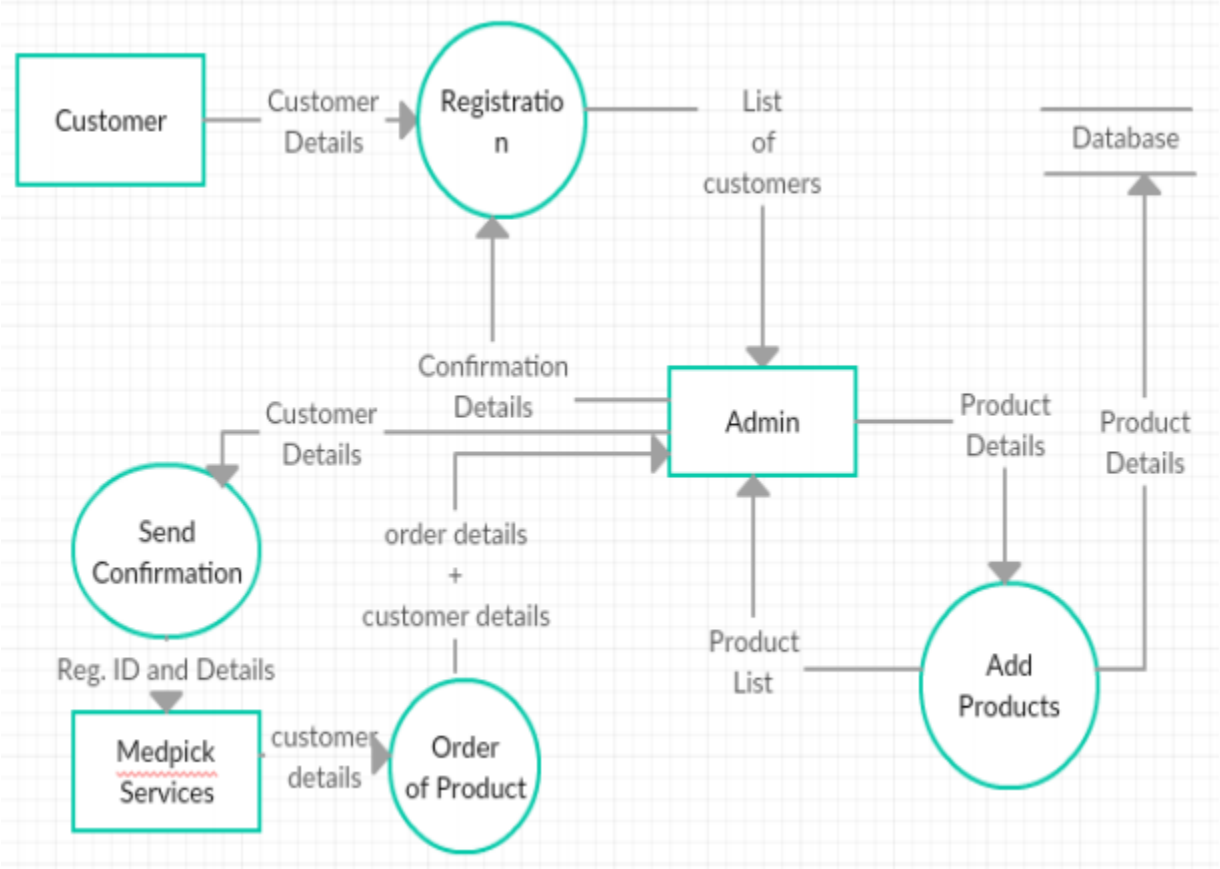


Figure 2: User side data-flow diagram

4.2.3 DATA FLOW DIAGRAM OF VENDOR

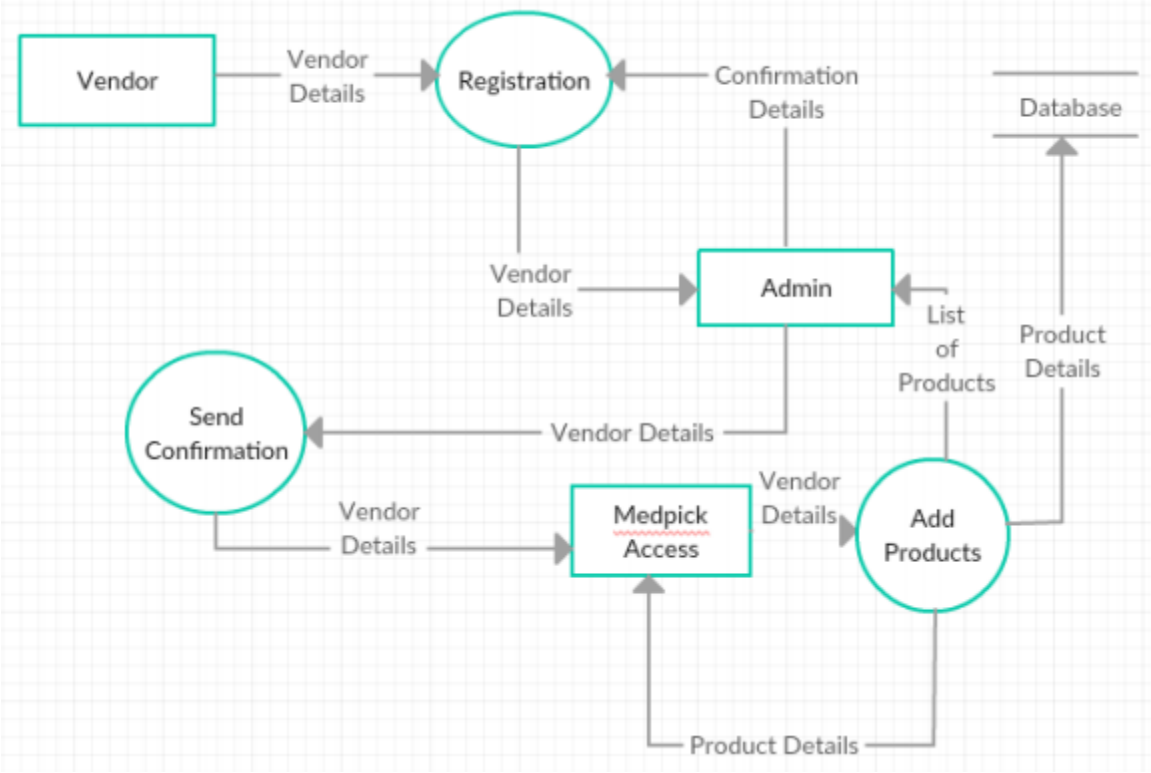


Figure 3: Vendor side data-flow diagram

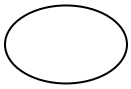
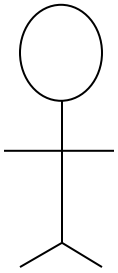
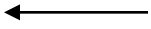
CHAPTER 5

DETAILED DESIGN

5.1 USE CASE DIAGRAM

It states functionalities and relationship between user and application. It is characterized connection between client and the framework. It makes reference to utilization situations where the client is to included, they utilized to assemble prerequisites of framework. With assistance of outline, the prerequisites of framework are watched and perceived.

Use Case Diagram Notations

Notation	Name
	Use Case
	Association
	Actor
	Generalization

5.1.1 USE CASE DIAGRAM FOR MEDPICK

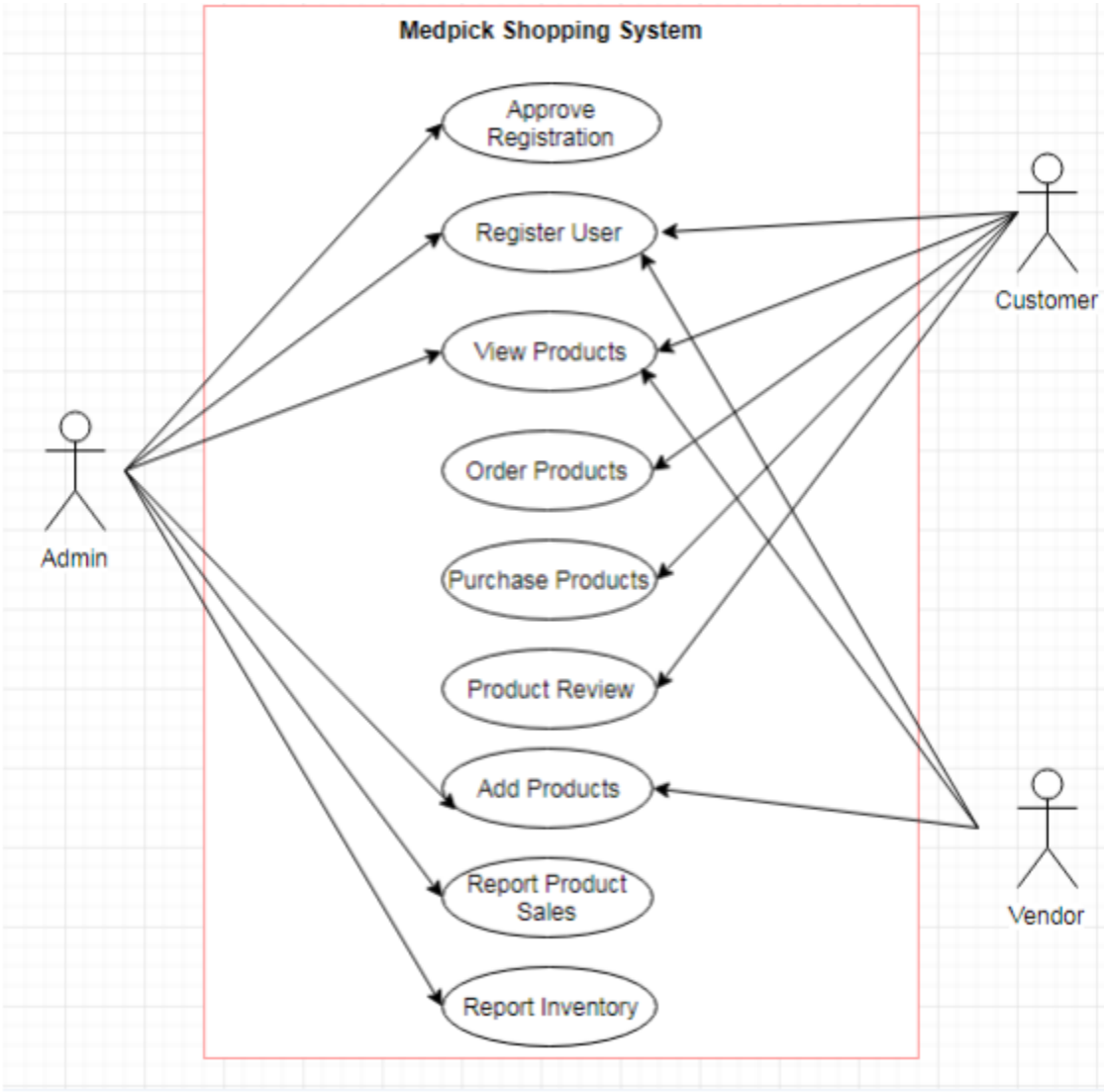


Figure 4: Use Case Diagram for admin and Vendor

5.1.2 USER INTERFACE DESIGN

Simple user interface is used in the entire systems so that the users can easily understand and use the brand system of various categories.

It used for Hospitals and Pharmacies to find value of purchasing from directly to source of the Medpick platforms. They get access to wide variety of new, user, products from USA and India.

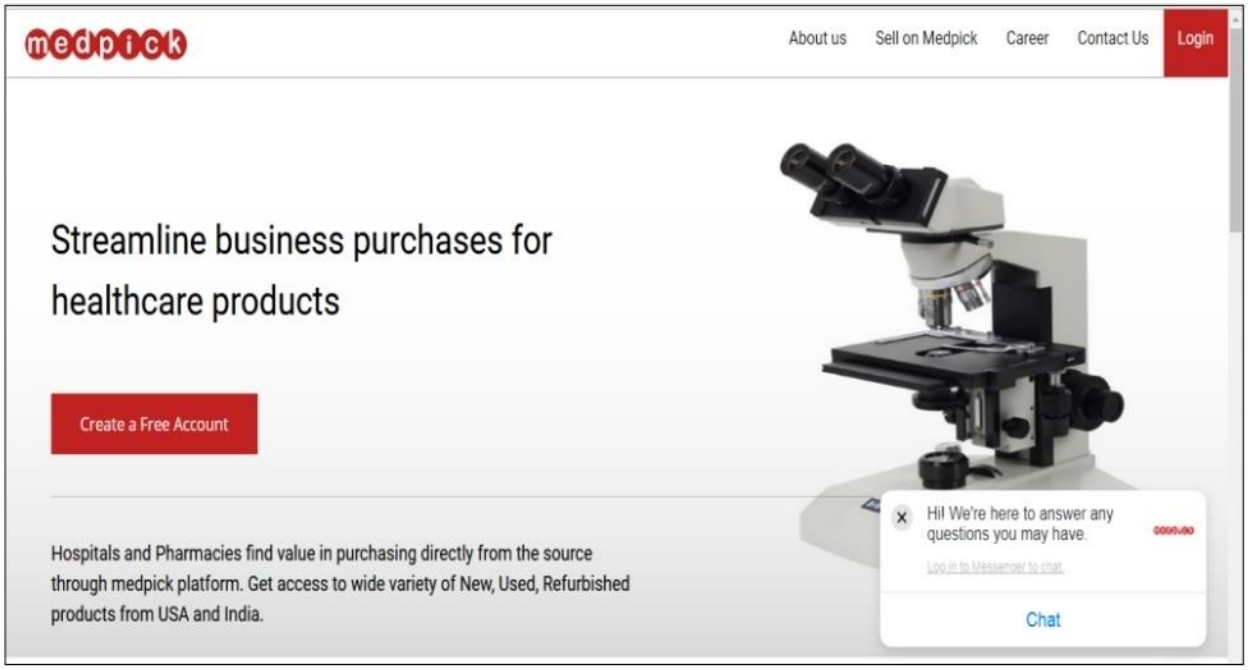


Figure 5: Medpick Streamline Business

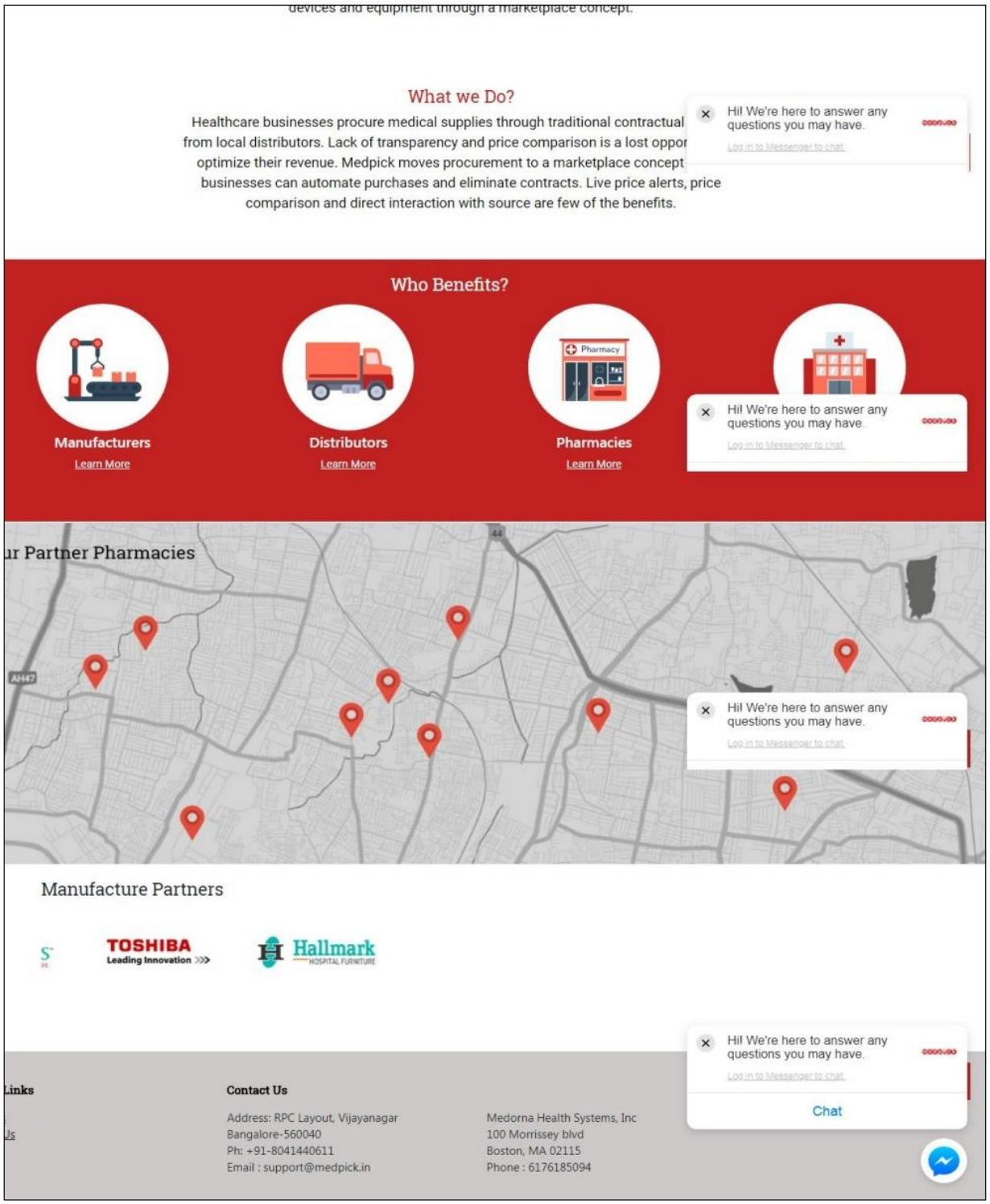


Figure 6: Manufacture partners in Medpick

UML Description

In the above **Figure 5** shows how it is related with Admin and Vendor, and both admin and Vendors are actors in this diagram.

Admin's functionalities:

- Login by entering details of admin id and password.
- Adding, Editing and Deleting product categories such as ID, username and password etc.,
- Add, Edit and Delete option will used to users for varieties categories in form of Equipment basis.
- Users will provided with Unique ID while registration, So easy to recognize the patients from administration.
- The manage Product and Equipment by updating the latest pictures and brands with least discount.
- Managing the Order booking was providing Order Receipt and Invoice with complete details of the estimated delivery, product name and total amount included with GST.

Vendor's functionalities:

User Registers provides personal details with email id and password, then user system registers by checking with re-captcha.

- Login should done by entering user id and password.
- Views of variety products in product page according to categories and Equipment in Equipment rental module.
- The views of Categories by shop brands and other categories included for user's requirements
- Cash on Delivery (COD) option is provided the user to make payments, It was return user gets order receipt and invoice receipt with details.

5.2 SEQUENCE-DIAGRAM

Sequence diagrams are known as event diagram that describes interaction between objects and describes system functioning order and it focuses on message exchange between lifelines. The below **Figure 7** describes operations of admin in web application sequentially.

Basic Notations

- **Actor** – They can communicate with the objects. Therefore, actors are placed in columns.
- **Object** – They are instances of classes and arranged horizontally.
- **Lifeline and Activation** – Dashed line is Lifeline which indicatesactions.

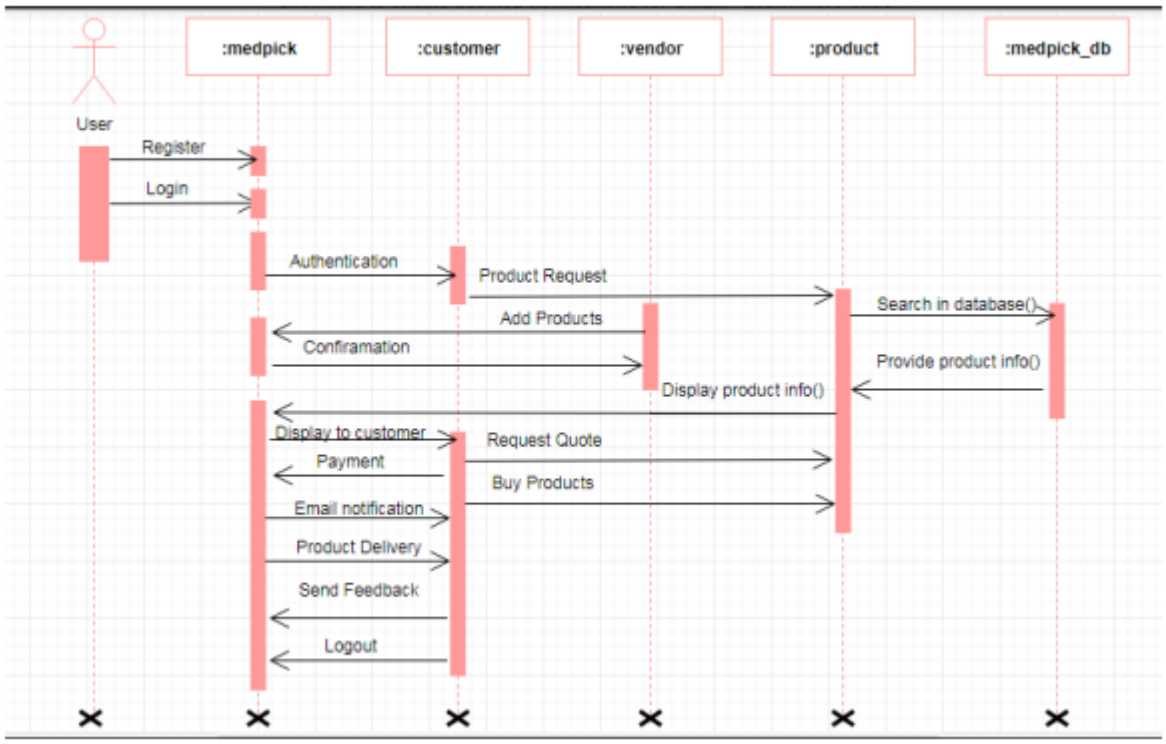
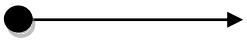
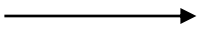
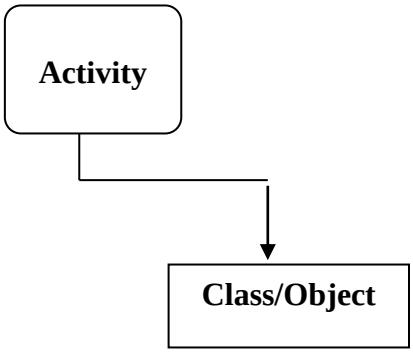
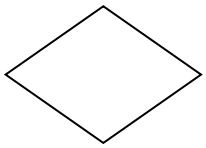


Figure 7: Sequence Diagram

5.3 ACTIVITY-DIAGRAM

Activity Diagram shows flow of control and it is known as behavioral diagrams that displays object flow which emphasis sequence, conditions of the flow. Movement graph outwardly shows progression of activities or stream control in framework like flowchart or information stream chart. Action graphs are regularly utilized in business process. In two cases an action outline will have starting and end.

Notation	Name
	**Start Point/Initial State**
	Activity
	**Action**
	**Object Flow**



Decision Symbol

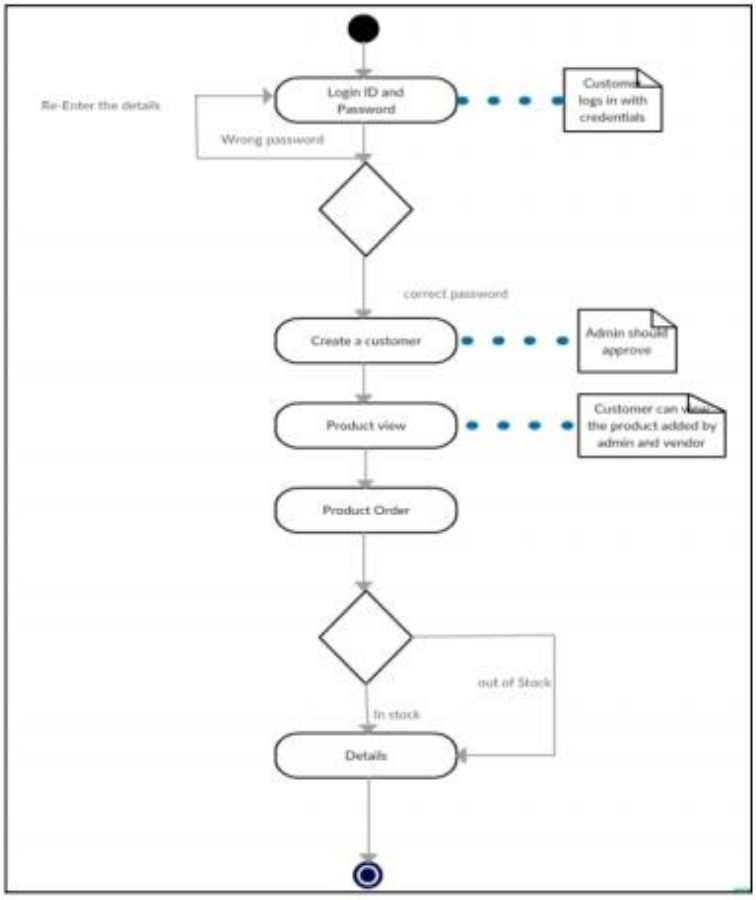


Figure 8: Activity Diagram

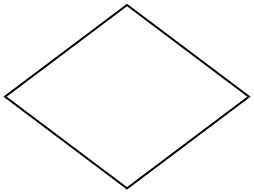
5.4 ENTITY RELATIONSHIP DIAGRAM

Entity Relationship Diagram defines E-R model that describes structure of database. It shows single entities of relation and single instances.

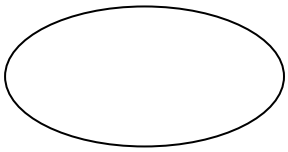
ER model is spoken by methods for ER outline. Any article, for instance, substances, properties of elements, relationship sets, traits of relationship sets, can spoken with assistance of ER outline.

E-R DIAGRAM NOTATIONS

Entity



Relationship



Attributes

Attribute and Entity set

5.4.1 ER DIAGRAM FOR MEDPICK

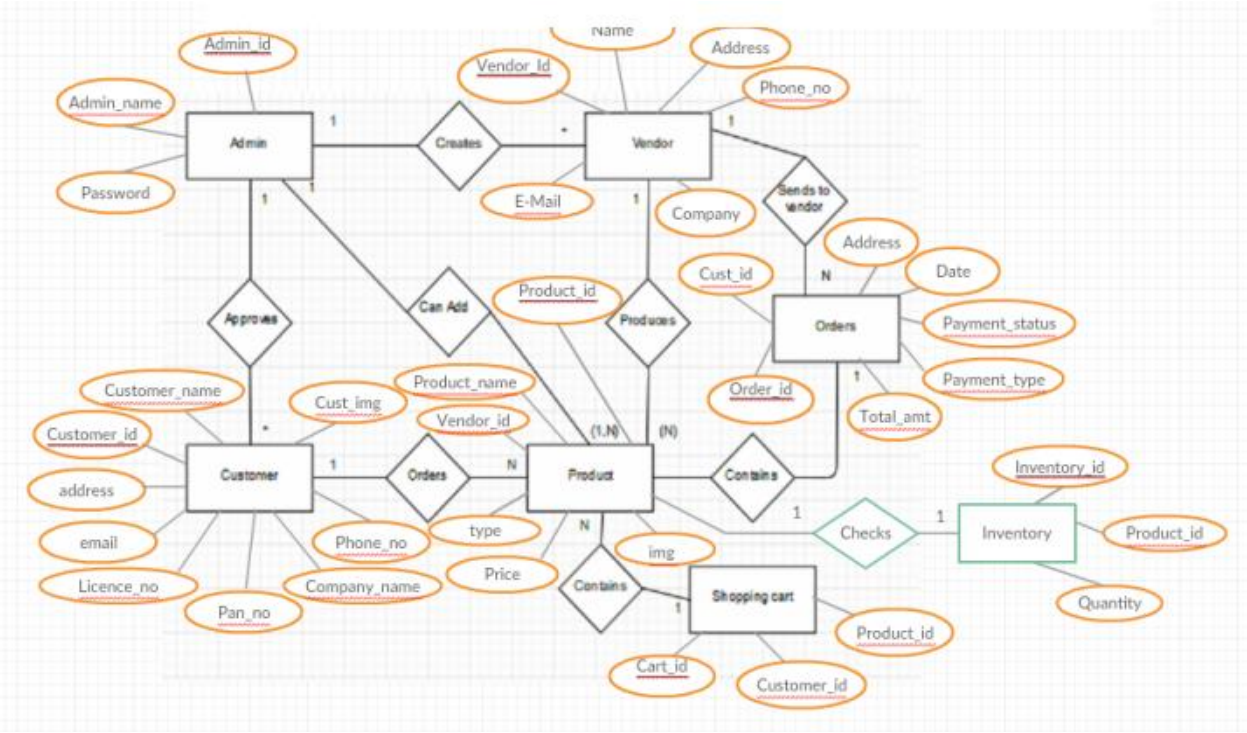


Figure 10: Entity Relationship Diagram/Conceptual Diagram for Medpick

CHAPTER 6

6.1 IMPLEMENTATION

6.1.1. Implementation Approach

Implementation is phase where project developer make plans according to vision to make real and get proper outcome. Planning and Arranging is basic part of fruitful undertaking. To complete project the implementation plan that outrages the task essential.

Top down approach was followed for the implementation of the project. The top level management formulates the strategy and passes it on to the subordinates with instructions to execute the task.

Execution is way toward structure web as indicated by plan. Web practitioner makes hyprtext mark-up language (HTML), Common Gateway Interface (CGI) Programs, or potentially Java contents applets.

The usage procedure takes programming improvement since includes utilizing particular punctuation for encoding web structures or programming language in PC records. Despite the fact that robotized devices to help with development of HTML reports, intensive establishing HTML enhances web practitioner's ability.

- In the implementation stage all the theoretical details were converted to working functionalities making sure that the user requirements are met.
- Shopify tool coding standard guidelines will be followed
- Codes were written using JQuery and JavaScript
- Proper indentations were followed
- Comments were written in order to increase the readability of the code
- Notepad++ IDE‟s were used

6.2 SCREENSHOTS

To Create Account:

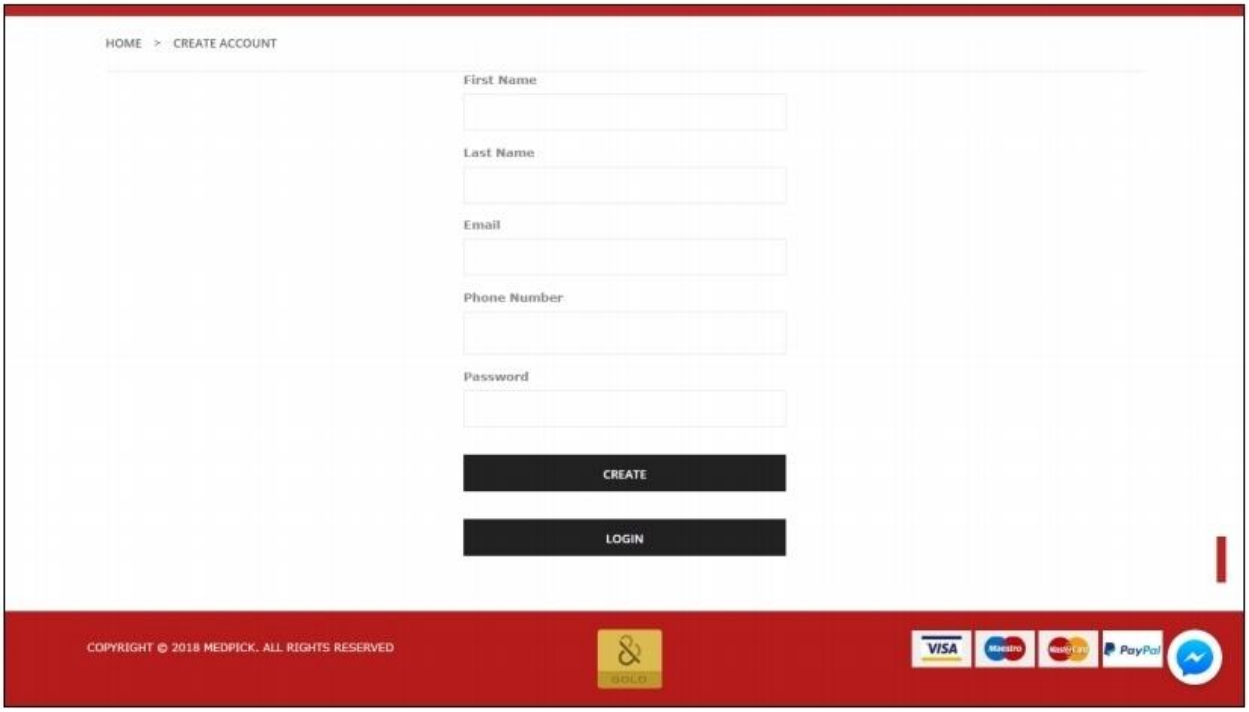


Figure 11: Creating Account Page

Login Page:

Figure 12: Login Page for admin and users

Hospital Login

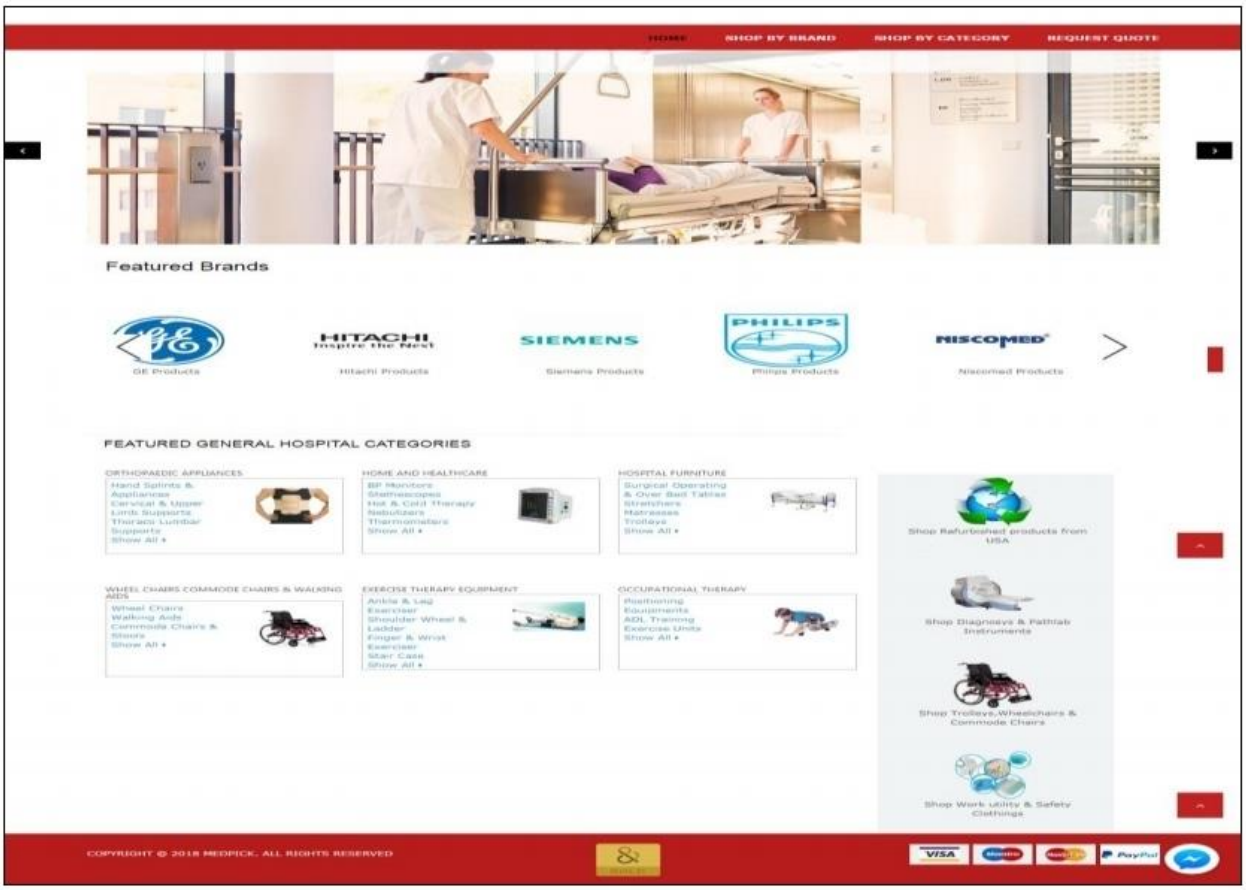


Figure 13: Users Hospital Login Page

Brand Page:

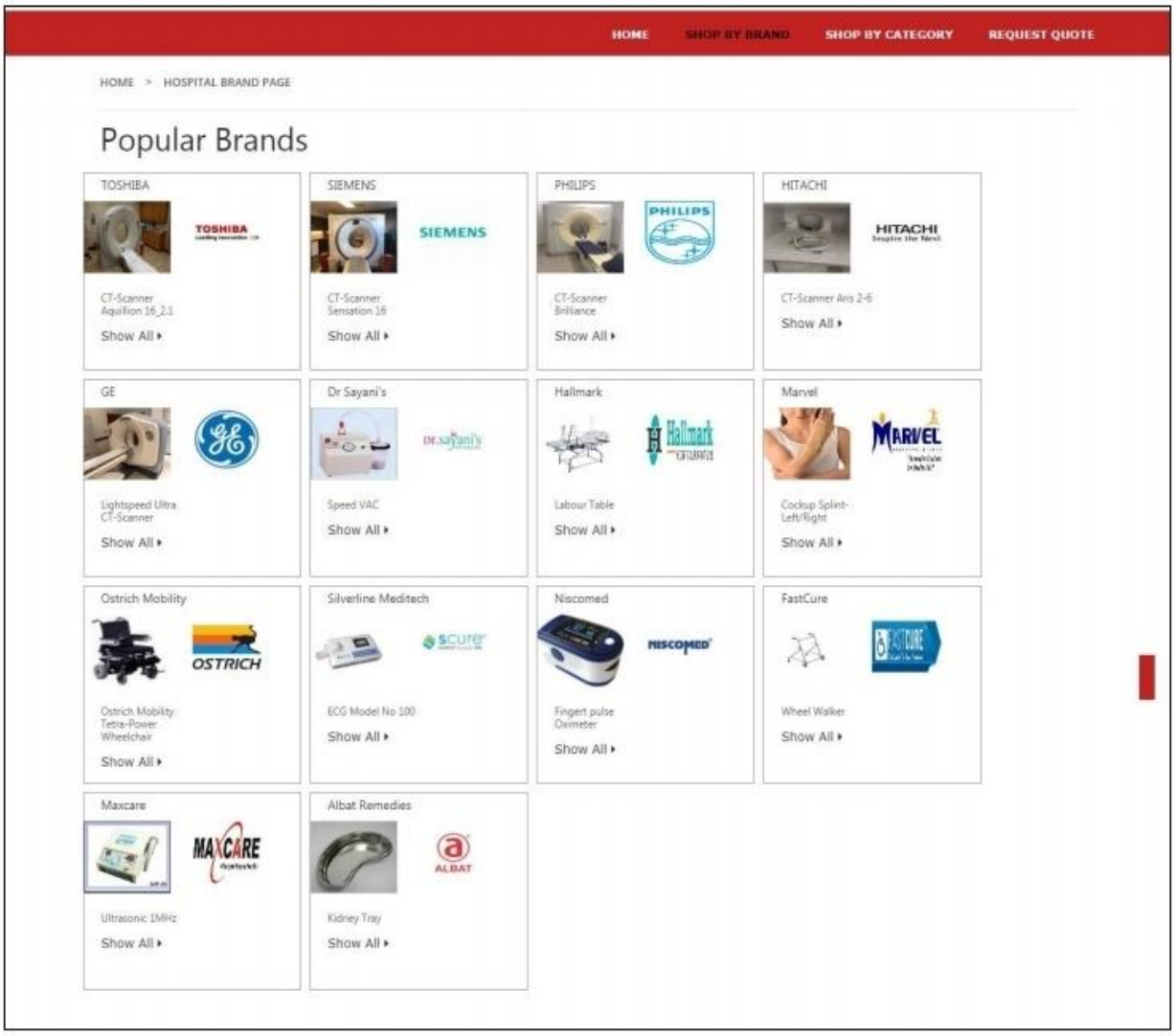


Figure 14: Items Brand Page

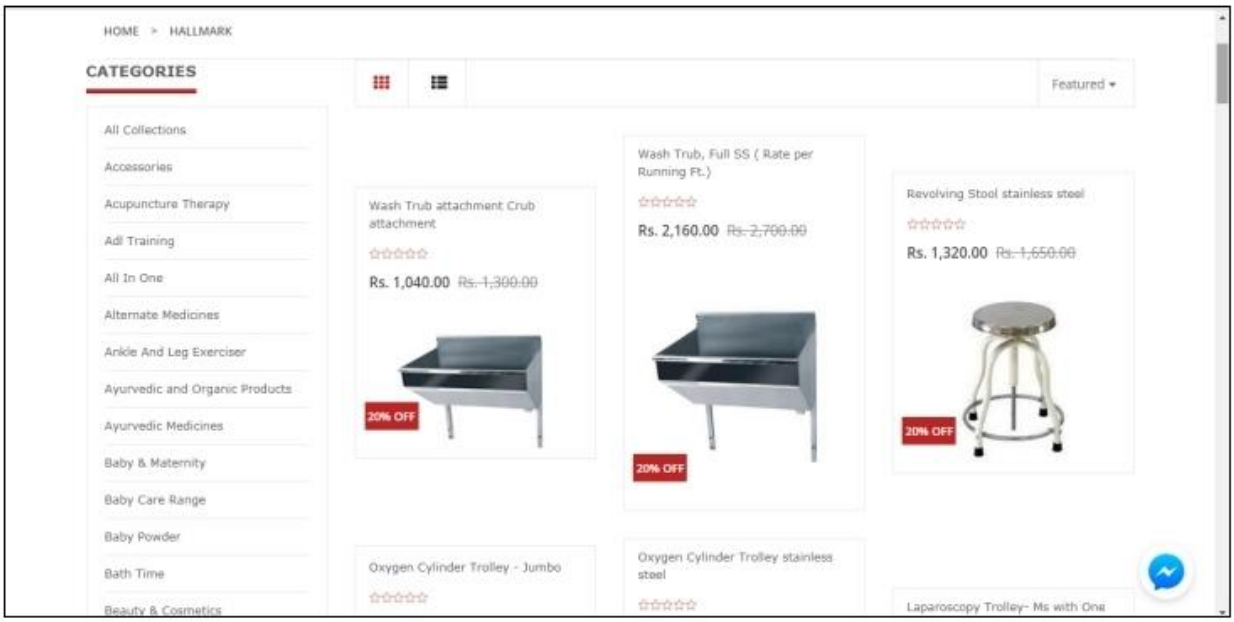


Figure 15: Categories for Users

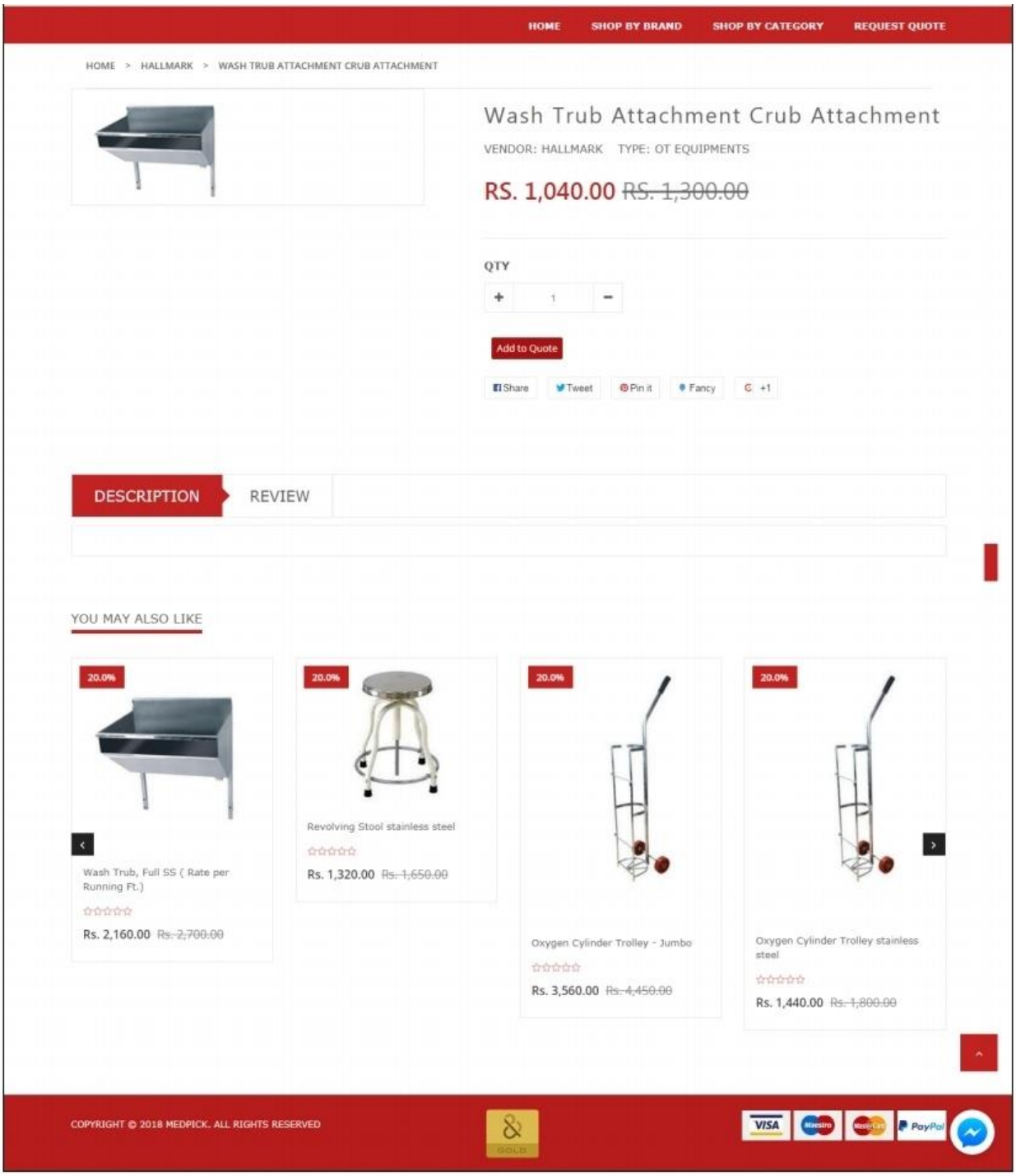


Figure 16: Description and Reviews

CHAPTER 7

SOFTWARE TESTING

The Project is in developing stage so no rigorous testing has started. But the overall working of the project was tested with test cases. It characterized an approach of work software gadget and distinguishing the big difference too among unique in addition needed conditions then additionally to validate the traits of device or part. The method of checking out is nothing then again determining mistakes in an application.

DIFFERENT TESTING STAGES

Unit Testing

Each stage of web application is tested, tests performed on few inputs to get single output like spelling mistakes in source code and syntax errors.

Performance Testing

Performs to determine system to measure, validate, or quality attributes like Speed, Scalability, Responsiveness and stability.

Integration Testing

Measurement of programming testing is performed where solitary units are merged as social event. The purpose behind this component of testing is reveal faults in association between fused units.

User Acceptance Testing

Acceptance testing may uncovers blunders and oversights in frameworks necessities definition in light of the fact that genuine information practices framework in various ways from test information. It might uncover prerequisites issues where framework's offices don't generally address the client's issues or framework's exhibition.

Interface Testing

Testing is characterized as product testing type which checks whether correspondence between two distinctive programming frameworks is done effectively.

Test Report

Test report is needed to gauge the outcomes in conventional manner. Its miles a record that records data was given from evaluation endeavor in formed way. Portrays the regular or running conditions, and exhibits assessment of check comes around with investigating targets.

Sample test cases

1.Test Cases for accessing the site

Test Case ID	Test Case	Purpose	Excepted-Output	Actual-Output	Result
1	Login	Registered already	Correct username & password	Message display "successful"	Pass
2	If unregister users not Login	Wrong username & password	Username unfit	Message display "unsuccessful"	Pass
3	Check Username	Effective username	Correct Username click login	Message display "successful"	Pass
4	Check Password	Effective Password	Correct Password	Message display "successful"	Pass

5	Windows Authentication for valid user	A valid user accesses the portal	-	Message display "successful"	Pass
`46	Windows Authentication for invalid user	An unauthorized user accesses the portal	-	Message display "unsuccessful"	Pass

2.Test Cases for accessing site of Products and delivery items

1	Checking products in the website	Check	Check for the particular product	Only one product can be viewed with full details	Pass
2	Select the product	Select the products from the list		Product selecting button	Pass
3	Delivery Address	Delivery Address		The product delivery address should be put in text area	Pass
4	On click of cart button	Click the cart	Click the cart	One click of cart button product should go to cart	Pass
5	On click of order button	Click the order	Click the order	On click of cart button product should go to ordered list	Pass

7.4. Modification and Improvements

The project code was Modified and improved of based on the output of the test-cases. Output of test-cases reveal the areas to be modified or tuned more in order to achieve the optimum performance and robustness.

CHAPTER 8

CONCLUSION

8.1 Conclusion

Medpick is a portal which helps the customers to order the products medpick plays a role of a mediator. The main aim of the portal is to reduce the paperwork involved and to make the service available faster. This portal aims to simplify the overall experience of the customer in ordering products directly from vendor.

The important features of this product include:

- Reduced the Paperwork involved.
- Easy to understand the product.
- Centralized access to resources
- Helps the organization to serve its customers better.
- Simple interface.
- Market Predictability
- Better Sales
- Lower Costs
- Data Centric Process

8.2. Limitations of the System

- Internet connectivity is needed.
- Available only for hospitals and pharmacy holdings.
- Still some amount of manual work is needed.

CHAPTER 9

FUTURE ENHANCEMENT

- The project is in development stage and will be delivered to the client once all the requirements are met and all modules are tested properly.
- This help to customers or user and be considered many kind of products and organization.
- It can be various form of brands and that be arranged the items like systems of payments.
- Analysis of performance in prominent boundaries for detection method with other wavelets.
- Discontinuing to particular for student to eliminate with potential attendance.

APPENDIX A BIBLIOGRAPHY

REFERENCE BOOKS:

- "Interview with David Heinemeier Hansson from Ruby on Rails" by Grimmer and Lenz- (February 2006).
- "Agile Web Development with Rails" 4th Edition by Sam Ruby
- "Ruby on Rails" 2nd Edition by Dave Thomas and David Heinemeier Hansson

REFERENCE WEBSITES:

- https://www.shopify.com.au/
- https://creately.com/
- https://erdplus.com/
- http://www.informit.com/store/unified-modeling-language-user-guide9780321267979/

APPENDIX B

USER MANUAL

1.Request Quote Page:

Figure 18: Requesting Quote pages for users

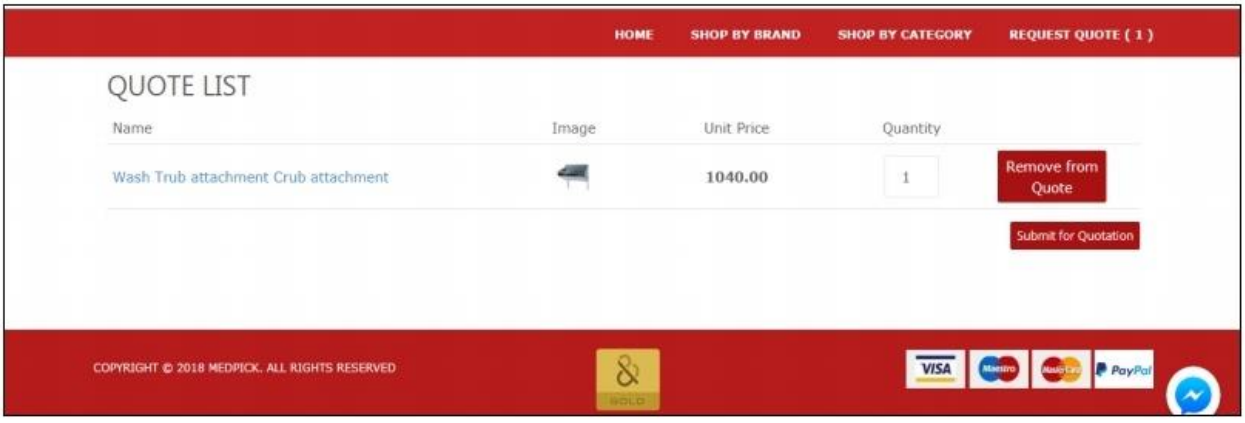


Figure 19: Quote List

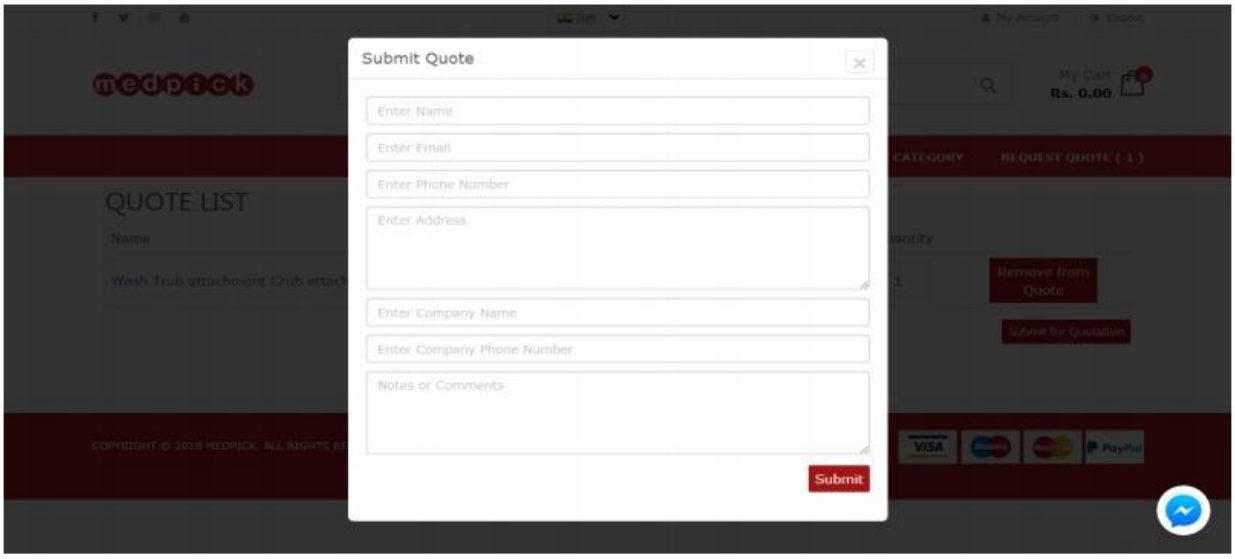


Figure 20: Submit Quote Details

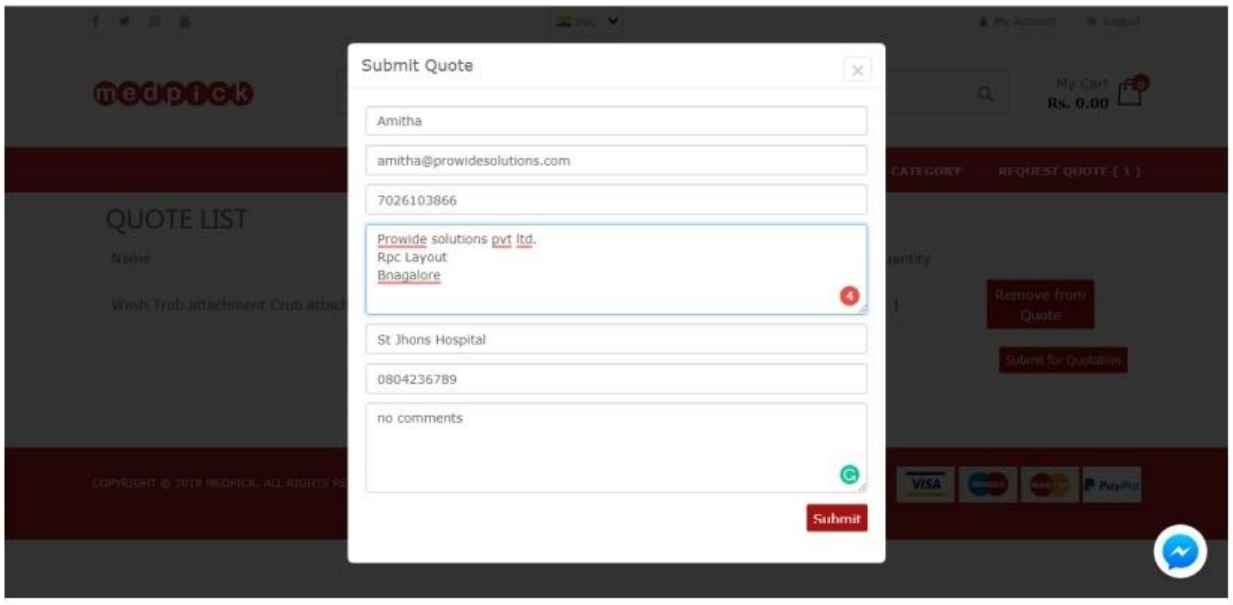


Figure 21: Quote List for Submit Quote List

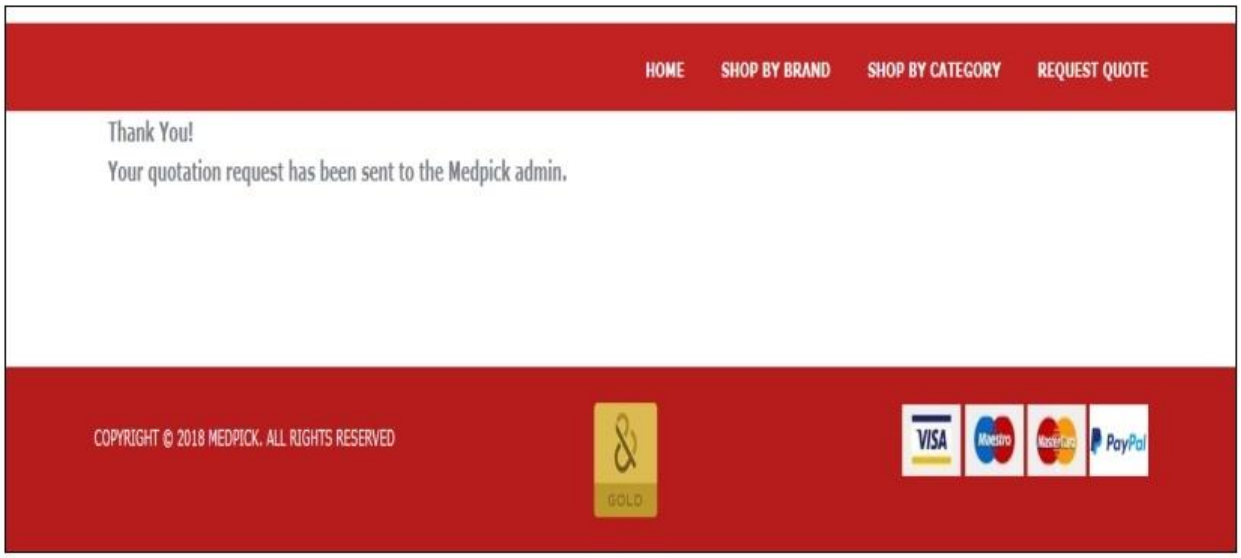


Figure 22: Quotation Request

2. Shop By Category:

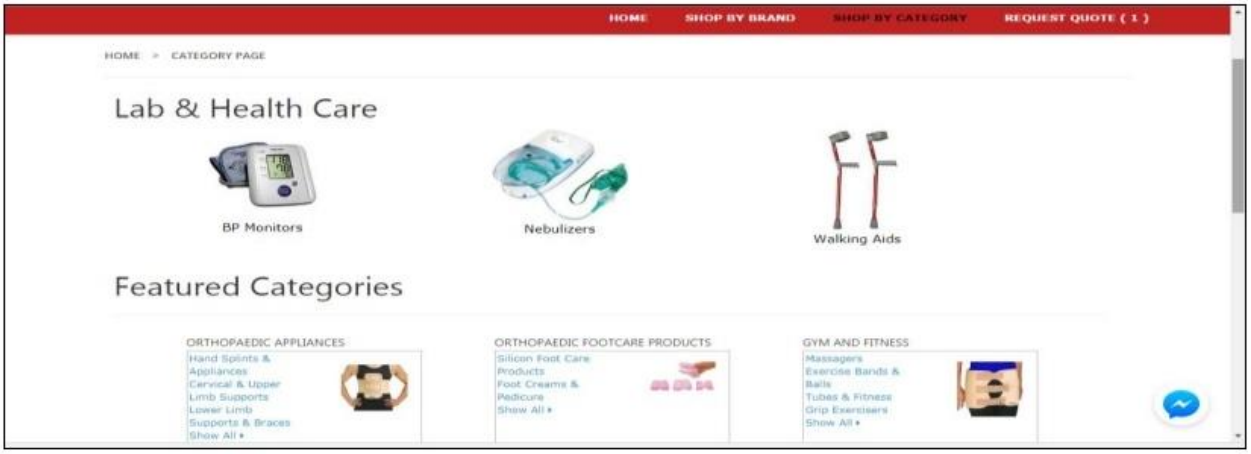


Figure 23: Shop Categories for Users

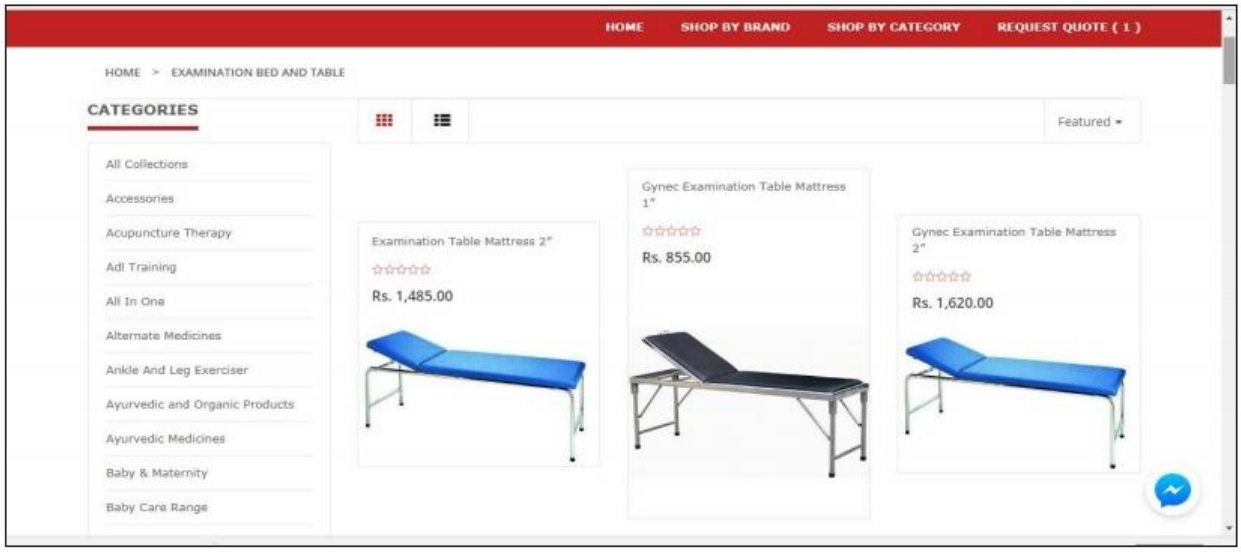


Figure 24: Various Categories for Patients

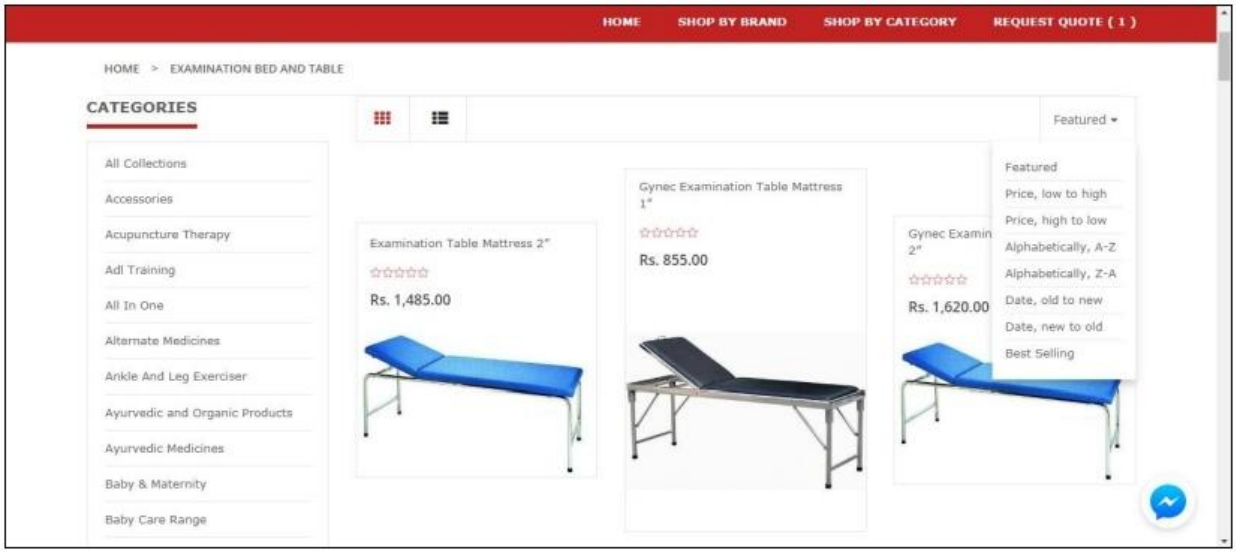


Figure 25: Featured Categories Items

3. Pharmacy Login:

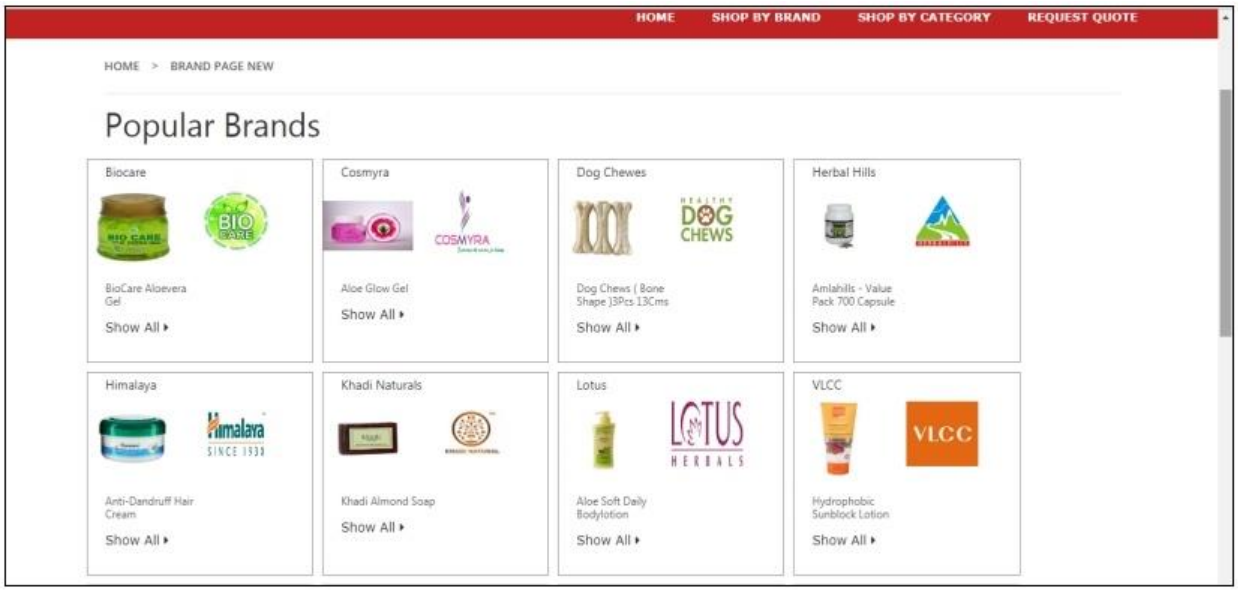


Figure 26: Popular Brands Pharmacy

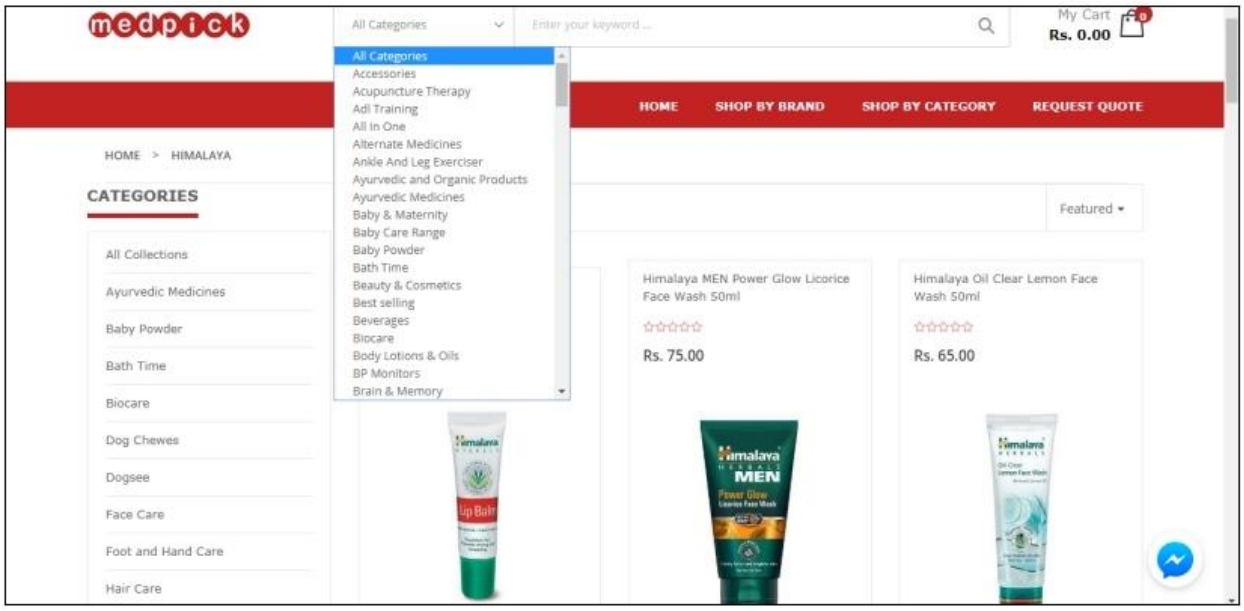


Figure 27: Categories for Users

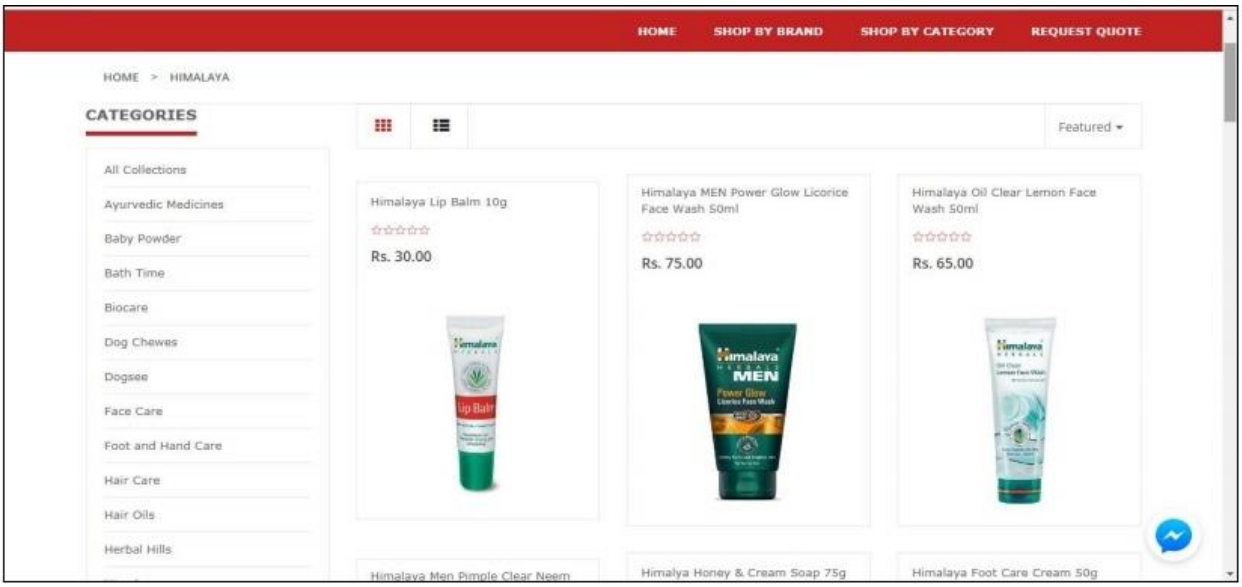


Figure 28: Shop by Brand and also other Categories