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SOFTWARE DEVELOPMENT AKURDI, PUNE

Documentation On

THE MEDTECH
(E-commerce) Website

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Submitted By:

Group No: 56

Roll No.
229134
229129

Name:
Ashutosh Cheke
Aniket Bhujbal

Mrs.Geeta Darunte
Project Guide

Mr. Rohit Puranik
Centre Co-ordinator

ABSTRACT

This project is a web-based Medical Products shopping system for multiple vendors. The project objective is to deliver the online Medical Products shopping application into web platform.

This project is an attempt to provide the advantages of online Medical Product shopping to customers of a real shop. It helps buying the Medical Products in the shop anywhere through internet by using a website device. Thus, the customer will get the service of online Medical Product shopping and home delivery at affordable price. This system can be used by any vendor whose is willing to sell the Medical Products online and a well known editorial house can directly sell their Medical Product by using this platform.

If vendors are providing an online portal where their customers can enjoy easy Medical Product shopping from anywhere, the vendor won't be losing any more customers . And it helps the customer to find their favorite without any problem and they have a choice to buy from the vendor they like and whose cost they fill justify.

ACKNOWLEDGEMENT

I take this occasion to thank God, almighty for blessing us with his grace and taking our endeavor to a successful culmination. I extend my sincere and heartfelt thanks to our esteemed guide, **Mrs. Geeta Darunte** for providing me with the right guidance and advice at the crucial juncture sand for showing me the right way. I extend my sincere thanks to our respected **Centre Co-Ordinator Mr. Narendra Pawar**, for allowing us to use the facilities available. I would like to thank the other faculty members also, at this occasion. Last but not the least, I would like to thank my friends and family for the support and encouragement they have given me during the course of our work.

Ashutosh Cheke (229134)

Aniket Bhujbal (229129)

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INTRODUCTION

This project is a web-based Medical Product Shopping Website for multiple Vendors. An Online Medical Products shopping website where the Admin can Delete User and Delete products. The Medical Products are divided into various categories like classic ,crime ,horror ,etc. A user can select a particular Medical Product to view the details, choose the number of Medical Product and fill in details like Name, Address, etc. to buy a Medical Product the project objective is to deliver the online shopping application into web platform. Online Medical Product shopping is the process whereby consumers directly buy Medical Products from a seller in real- time, without an intermediary service, over the Internet. It is a form of electronic commerce. This project is attempts provide the advantages of online Medical Product shopping to customer from anywhere. It helps buying the Medical Products on the website anywhere through internet. Thus, the customer will get the service of online shopping and home delivery from his favorite shop.

The objective of the project is to make an web application to purchase Medical Products. In order to build such an application complete web support, need to be provided. A complete and efficient web application which can provide the online Medical Product shopping experience is the basic objective of the project.

Features: -

1. Products Available-Atomic Habits ,The Fire wings ,etc
2. Search for Medical Products
3. Category of products-Medical Products, Mobiles, Sports, Fashion,
4. Cart feature
5. Date and time of product delivery will be notified by the system
6. The admin can add/delete Suppliers and delivery boys.
7. Allows the customers to maintain cart.

1.1 PROJECT OBJECTIVE

The objective of the project is to make an web application to purchase Medical Products from multiple vendor. In order to build such an application complete web support, need to be provided. A complete and efficient web application which can provide the online Medical Product shopping experience is the basic objective of the project.

1.2 PROJECT OVERVIEW

The central concept of the application is to allow the customer to shop virtually using the internet and allow customers to buy the Medical Products from multiple vendor. The information pertaining to the Medical Products are stores on an RDBMS at the server side (store).

The server processes the customers, and the Medical Products are shipped to the address submitted by them. The application was designed into two modules first is for the customers who wish to buy the Medical Products. Second is for the vendor who maintains and updates the information pertaining to the Medical Products and those of this Medical Products given by multiple vendors where the application is hosted on the web and the administrator maintains the database. The application, which is deploy the customer database, the details of the items are brought forward from the database for the customer view based on the selection through the menu and the database of all the products are updated at the end of each transaction. Data entry into the application can be done through various screens designed for various levels of users.

1.3 PROJECT SCOPE

This web application is deployed on the server and multiple vendor across the globe can access anywhere. The system recommends a facility to accept the orders 24X7 and a home delivery system which can make customers happy. If shops are providing an online portal where their customers can enjoy easy shopping from anywhere, the shops won't be losing any more customers to the trending online shopping. Since the application is available and always available.

1.4 STUDY OF THE SYSTEM

1.4.1 MODULES:

The system after careful analysis has been identified to be presented with the following modules and roles.

The modules involved are:

- Administrator
- Vendor
- Users

1.4.1.1 Administrator:

The administrator is the super user of this application. Only admin have access into this admin page. The administrator has all the information about the users and about all products.

This module is divided into different sub modules.

1. Manage Vendor

2. Manage Users
3. Manage Medical Products

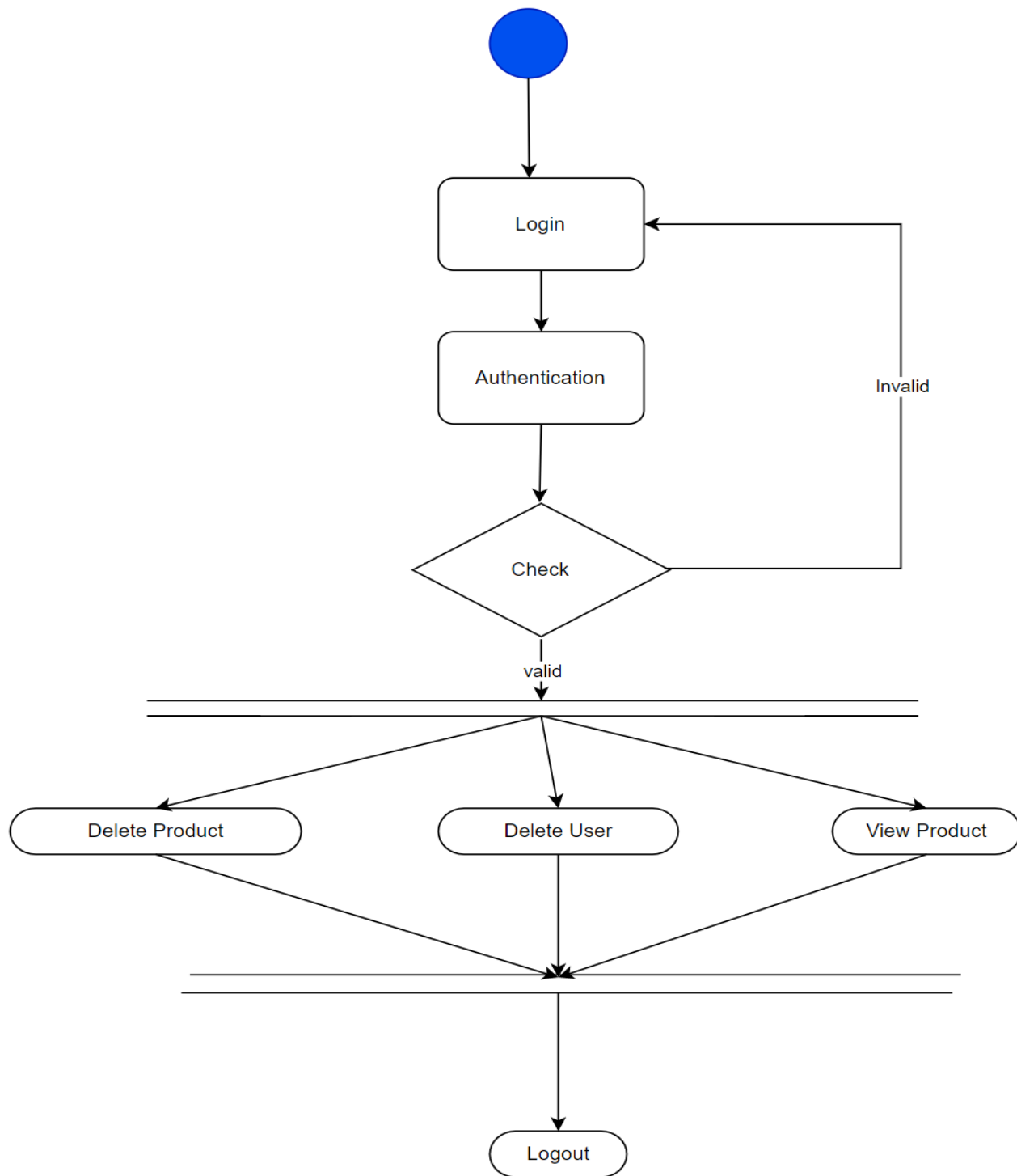


Figure 1 Admin Activity Diagram

➤ **Delete Products**

Administrator can delete the products based on the stock of that particular product.

➤ **Remove Vendor**

Admin have the privilege to remove the supplier.

➤ **Remove User**

Admin have the privilege to remove the User.

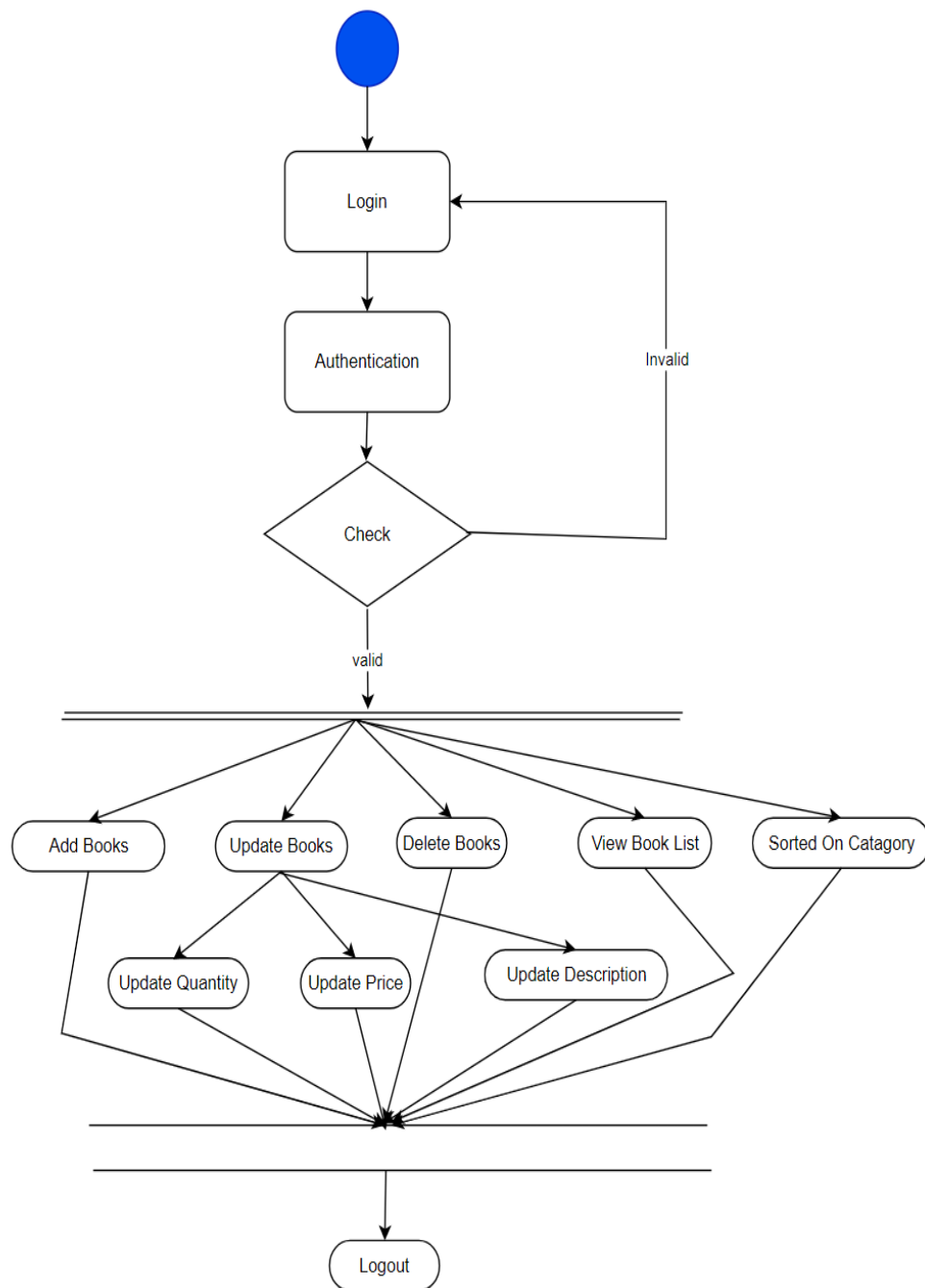


Figure 2 Vendor Activity Diagram

➤ **Vendor Sign in, Sign out, Create Account**

This feature is provided to customer so he can sign in, sign out and create account for new customer.

➤ **Add Product**

Vendor can add the product

➤ **Edit Product**

Vendor can edit his added product.

➤ **Delete Product**

Vendor can delete the product .

Activity Diagram for User Side

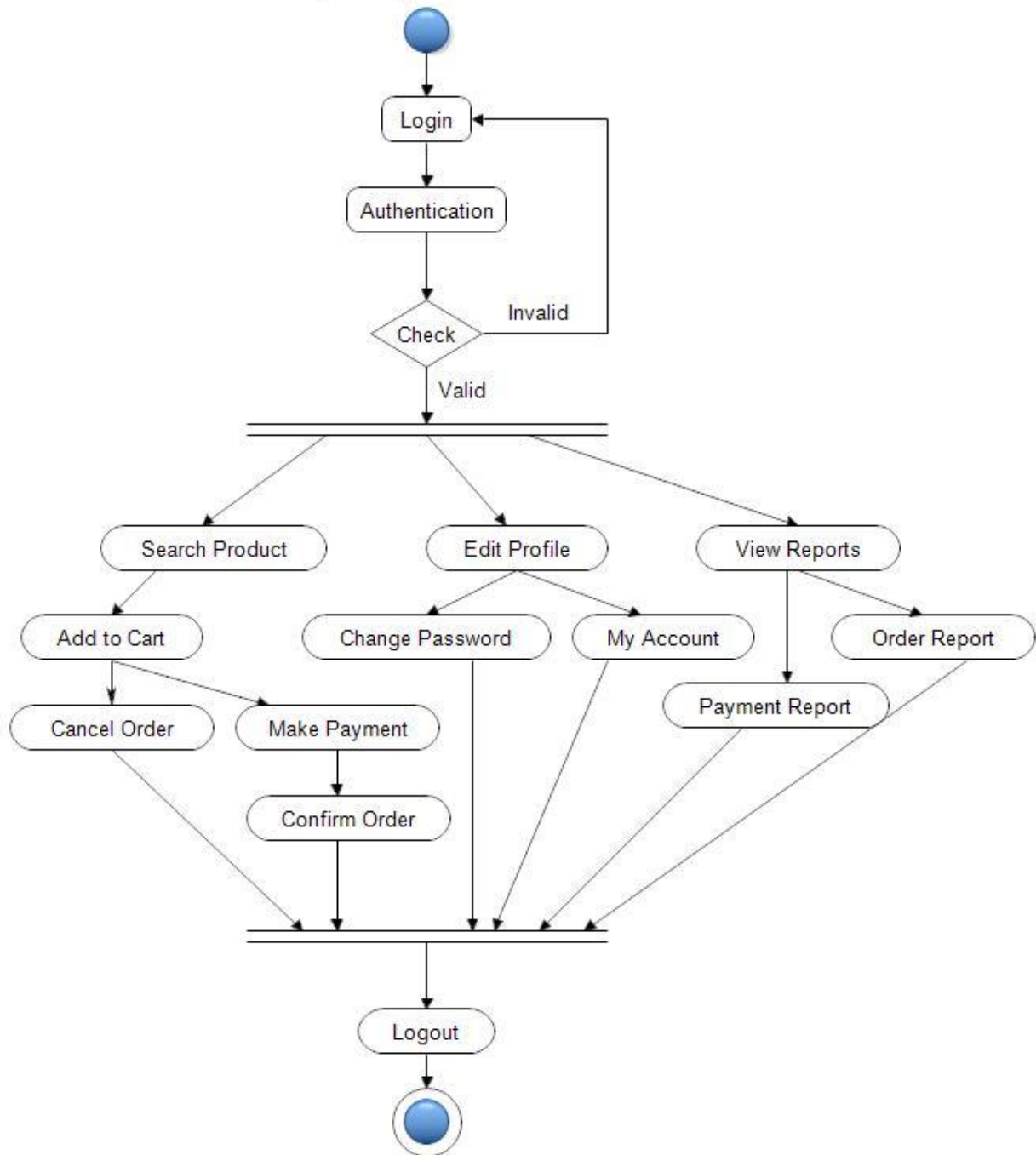


Figure 3 Customer Activity Diagram

➤ **Customer sign in, sign out, create account**

This feature is provided to customer so he can sign in, sign out and create account for new customer.

➤ **Add to Cart**

Customer can add products to cart which he wants to buy the products.

➤ **Payments**

Customer have a privilege to his order he can see his order details.

➤ **Order Details**

Customer have a privilege to his order he can see his order details.

➤ **Buy Product**

Customers can buy product from his cart by doing payment.

SYSTEM ANALYSIS

System analysis is the process of gathering and interpreting facts, diagnosing problems, and using the information to recommend improvements on the system. System analysis is a problem-solving activity that requires intensive communication between the system users and system developers.

System analysis or study is an important phase of any system development process. The system is viewed as a whole, the inputs are identified, and the system is subjected to close study to identify the problem areas. The solutions are given as a proposal. The proposal is reviewed on user request and suitable changes are made. This loop ends as soon as the user is satisfied with the proposal.

2.1 EXISTING SYSTEM

The current system for shopping is to visit the shop manually and from the available product choose the item customer want and buying the item by payment of the price of the item.

- ✓ It is less user-friendly.
- ✓ User must go to shop and select products.
- ✓ It is difficult to identify the required product.
- ✓ Description of the product limited.
- ✓ It is a time-consuming process
- ✓ Not in reach of distant users.

2.2 PROPOSED SYSTEM

In the proposed system customer need not go to the shop for buying the products. He can order the product he wish to buy through the web application . If the Medical Product is not available in your area you can order from other vendor . The system also recommends a home delivery system for the purchased products.

2.3 SYSTEM REQUIREMENT SPECIFICATION

2.3.1 GENERAL DESCRIPTION

Product Description:

A web application which can provide the online shopping service for the customer to access the web service from his Smartphone/System. Web application should be able to help the customer for selecting his item and to help the owner in managing the orders from the customers.

Problem Statement:

As online shopping became a trend nowadays you can order the Medical Products by comparing different vendor. Customers have effortless shopping experience and saving time through shopping online. Sometime the product you want is not available in your locality because of the web application through internet and get the products at their doors it will increase the number of customers.

2.3.2 SYSTEM OBJECTIVES

- To provide a Web application for online shopping of Medical Products.
- To provide an online platform for multiple Vendors.

2.3.3 SYSTEM REQUIREMENTS

2.3.3.1 NON-FUNCTIONAL REQUIREMENTS

i. EFFICIENCY REQUIREMENT

When an online shopping cart android application implemented customer can purchase product in an efficient manner.

ii. RELIABILITY REQUIREMENT

The system should provide a reliable environment to both customers and owner. All orders should be reaching at the admin without any errors.

iii. USABILITY REQUIREMENT

The Web application is designed for user friendly environment and ease of use.

iv. IMPLEMENTATION REQUIREMENT

Implementation of the system using **React** in front end with **Spring Boot** as back end and it will be used for database connectivity. And the database part is developed by **MySQL**. Responsive web designing is used for making the website compatible for any type of screen.

v. DELIVERY REQUIREMENT

The whole system is expected to be delivered in four months of time with a weekly Evaluation by the project guide.

2.3.3.2 FUNCTIONAL REQUIREMENTS

USER

➤ USER LOGIN

Description of feature

This feature used by the user to login into system. A user must login with his username and password to the system after registration. If they are invalid, the user not allowed to enter the system.

Functional Requirement

- Username and password will be provided after user registration is confirmed.
- Password should be hidden from others while typing it in the field

➤ REGISTER NEW

USER Description of feature

A new user will have to register in the system by providing essential details in order to view the products in the system. The admin must accept new user by unblocking him.

Functional Requirement

- System must be able to verify and validate information.

- The system must encrypt the password of the customer to provide security.

➤ **PURCHASING AN ITEM**

Description of feature

The user can add the desired product into his cart by clicking add to cart option on the product. He can view his cart by clicking on the cart button. All products added by cart can be viewed in the cart. User can remove an item from the cart by clicking remove. After confirming the items in the cart, the user can submit the cart by providing a delivery address. On successful submitting the cart will become empty.

Functional Requirement

- System must ensure that, only a registered customer can purchase items.
- System must ensure that only the register vendor can sell their Medical Product on the platform.

ADMIN

➤ MANAGE USER

Description of features

The administrator can add user, delete user, view user and block user

➤ MANAGE PRODUCTS

Description of features

The administrator can add product, delete product, and view product.

➤ MANAGE ORDER

Description of features

The administrator can view orders and delete orders.

Functional Requirements:

- The system must identify the login of the admin
- System must ensure that only the register vendor can sell their Medical Product on the platform

SYSTEM DESIGN

System design is the solution for the creation of a new system. This phase focuses on the detailed implementation of the feasible system. Its emphasis on translating design. Specifications to performance specification. System design has two phases of development.

- Logical Design
- Physical Design

During logical design phase the analyst describes inputs (sources), outputs(destinations), databases (data sores) and procedures (data flows) all in a format that meets the user requirements. The analyst also specifies the needs of the user at a level that virtually determines the information flow in and out of the system and the data resources. Here the logical design is done through data flow diagrams and database design. The physical design is followed by physical design or coding. Physical design produces the working system by defining the design specifications, which specify exactly what the candidate system must do. The programmers write the necessary programs that accept input from the user, perform necessary processing on accepted data and produce the required report on a hard copy or display it on the screen.

3.1 INPUT AND OUTPUT DESIGN

3.1.1 INPUT DESIGN:

Input design is the link that ties the information system into the world of its users. The input design involves determining the inputs, validating the data, minimizing the data entry and provides a multi-user facility. Inaccurate inputs are the most common cause of errors in data processing. Errors entered by the data entry operators can be controlled by input design. The user-originated inputs are converted to a computer-based format in the input design. Input data are collected and organized into groups of similar data. Once identified, the appropriate input media are selected for processing. All the input data are validated and if any data violates any conditions, the user is warned by a message. If the data satisfies all the conditions, it is transferred to the appropriate tables in the database. In this project the student details are to be entered at the time of registration. A page is designed for this purpose which is user friendly and easy to use. The design is done such that users get appropriate messages when exceptions occur.

3.1.2 OUTPUT DESIGN:

Computer output is the most important and direct source of information to the user. Output design

is a very important phase since the output needs to be in an efficient manner. Efficient and intelligible output design improves the system relationship with the user and helps in decision making. Allowing the user to view the sample screen is important because the user is the ultimate judge of the quality of output. The output module of this system is the selected notifications.

DATABASE DESIGN

3.2 DATABASE

Databases are the storehouses of data used in the software systems. The data is stored in tables inside the database. Several tables are created for the manipulation of the data for the system. Two essential settings for a database are

- Primary key - the field that is unique for all the record occurrences
- Foreign key - the field used to set relation between tables

Normalization is a technique to avoid redundancy in the tables.

3.3 SYSTEM TOOLS

The various system tools that have been used in developing both the front end and the back end of the project are being discussed in this chapter.

3.3.1 FRONT END:

React is a library which is developed by FaceMedical Product are utilized to implement the frontend. React (also known as React.js or ReactJS) is a free and open-source front-end JavaScript library for building user interfaces or UI components. It is maintained by FaceMedical Product and a community of individual developers and companies. React can be used as a base in the development of single page or mobile applications. However, React is only concerned with state management and rendering that state to the DOM, so creating React applications usually requires the use of additional libraries for routing, as well as certain client-side functionality.

3.3.2 BACKEND:

The back end is implemented using MySQL which is used to design databases.

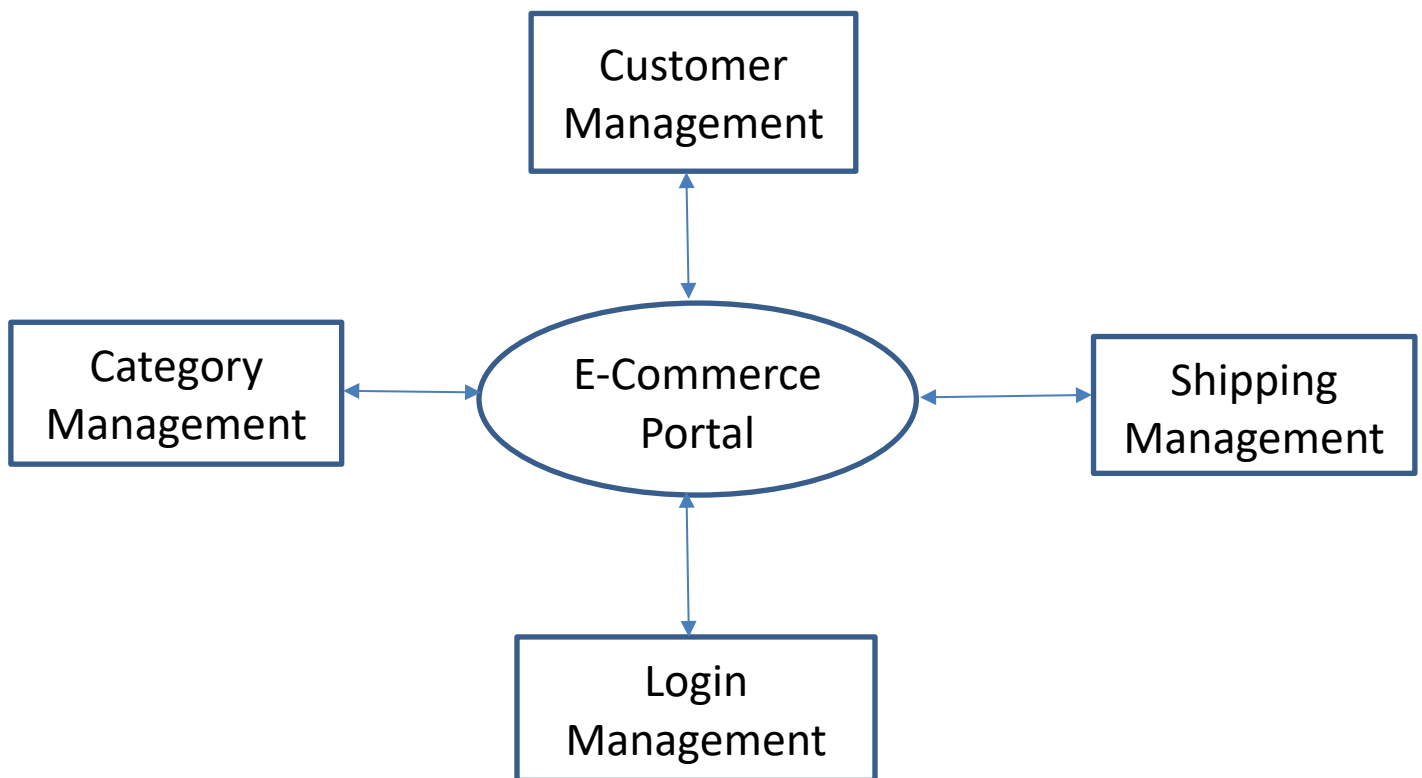
MySQL:

MySQL is the world's second most widely used open-source relational database management system (RDBMS). The SQL phrase stands for Structured Query Language. An application software called Navicert was used to design the tables in MySQL.

Spring-Boot:

This is used to connect MYSQL and fetch data from database and store the data in database. The Spring Framework is an application framework and inversion of control container for the Java platform. The framework's core features can be used by any Java application, but there are extensions for building web applications on top of the Java EE (Enterprise Edition) platform. Although the framework does not impose any specific programming model, it has become popular in the Java community as an addition to the Enterprise JavaBeans (EJB) model. The Spring Framework is Open-source Framework.

Zero Level DFD-E-Commerce Portal



1 Level DFD for CUSTOMER

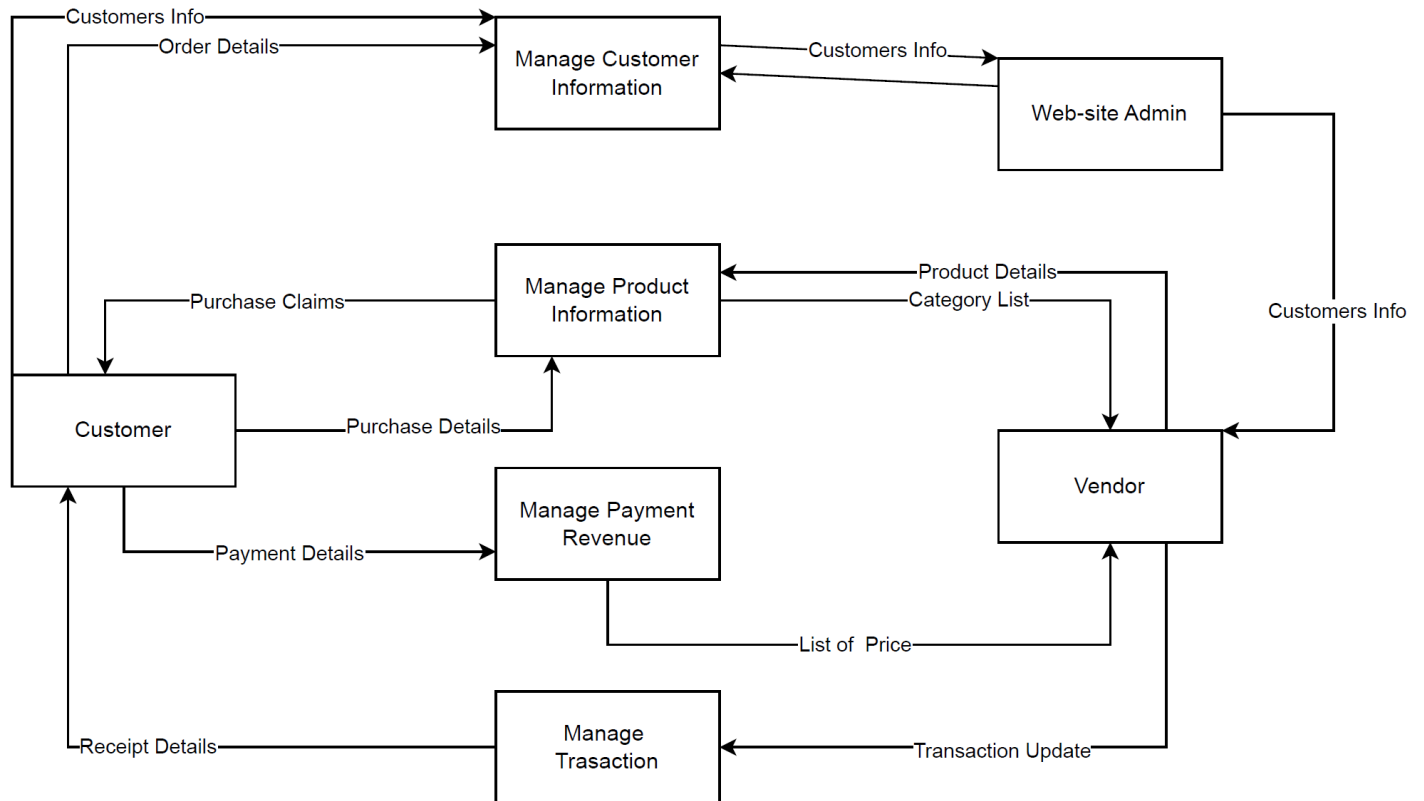


Figure 6 1 Level DFD for CUSTOMER

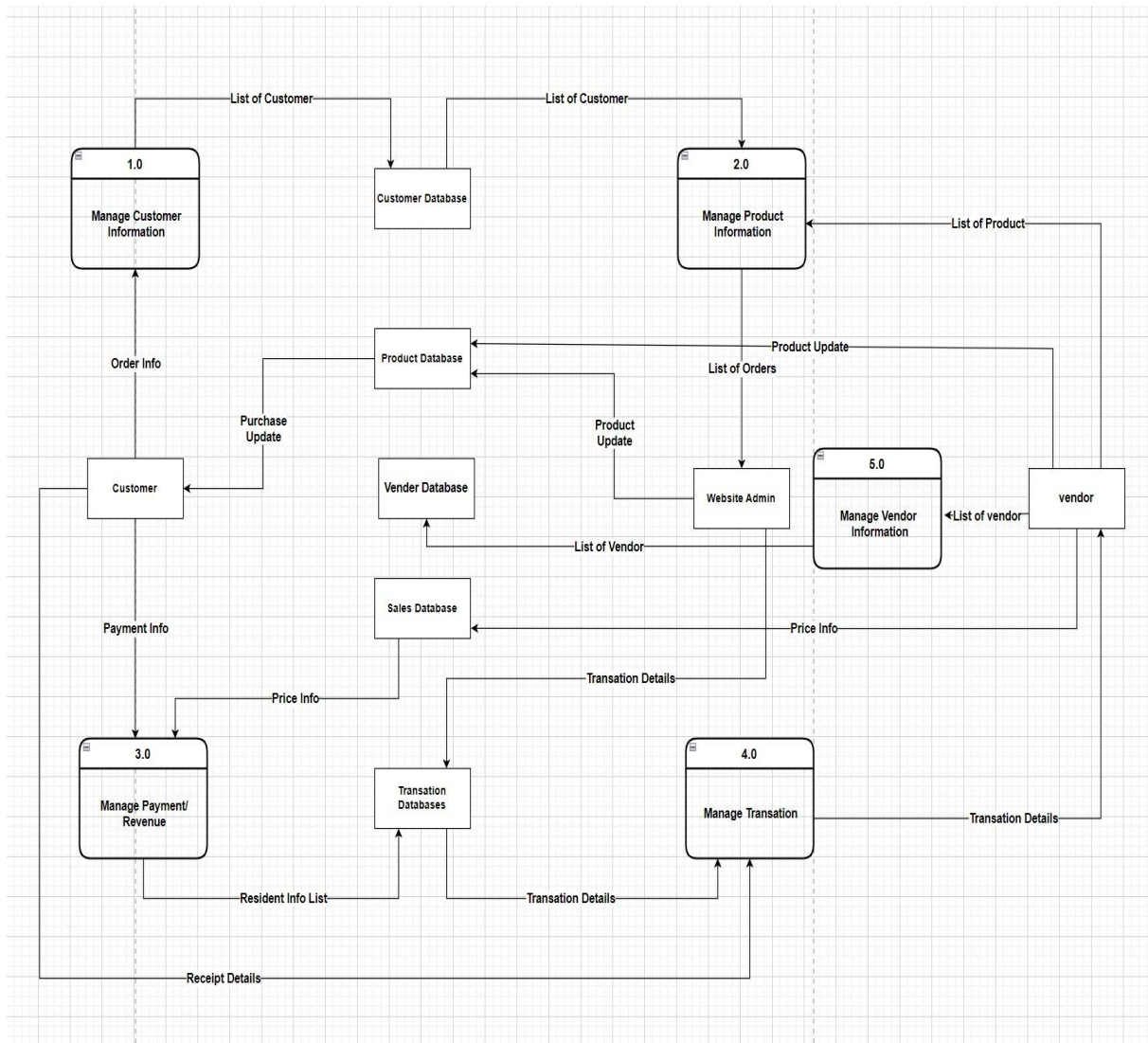


Figure 7 2 Level DFD for CUSTOMER

E-R Diagram:

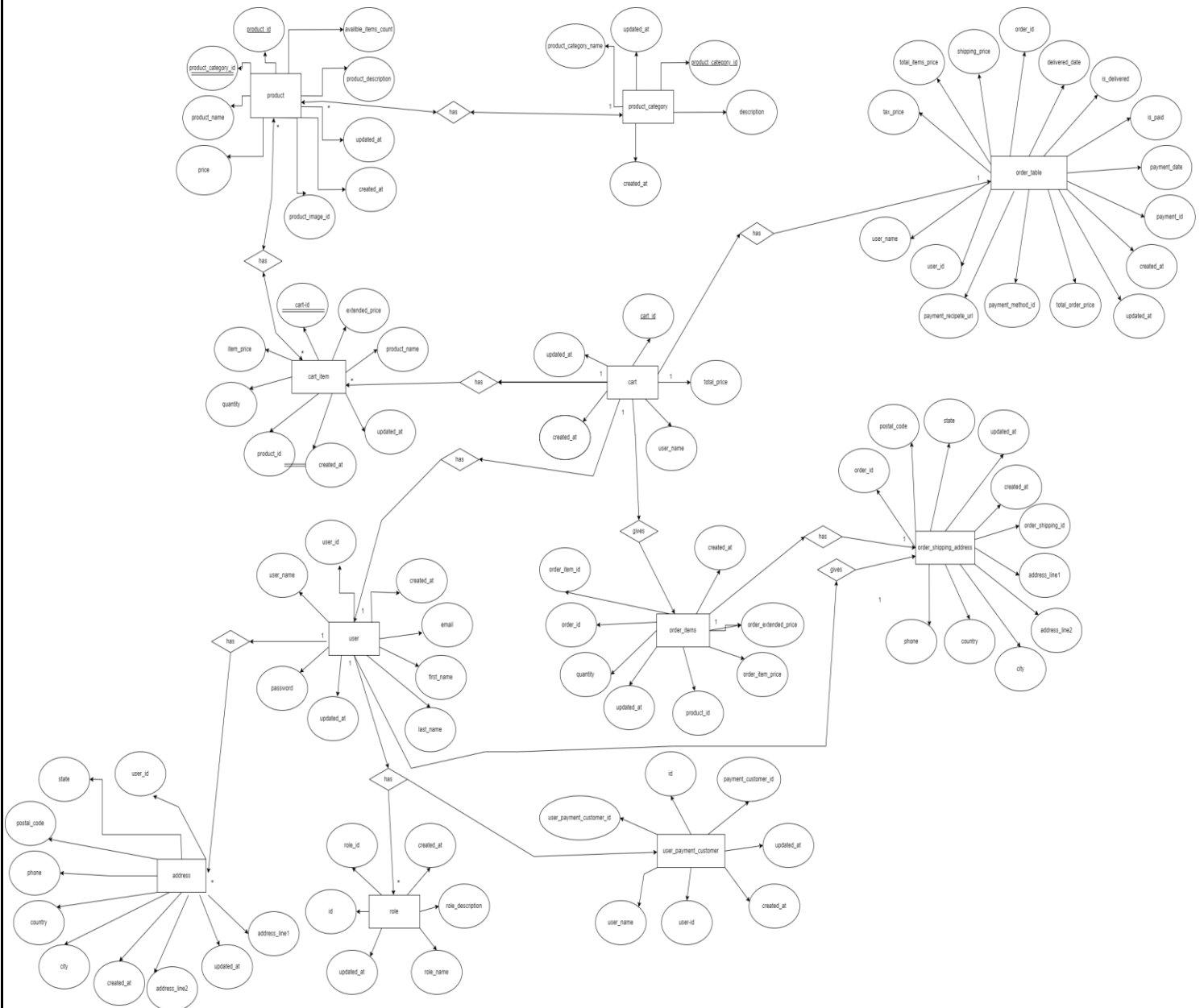
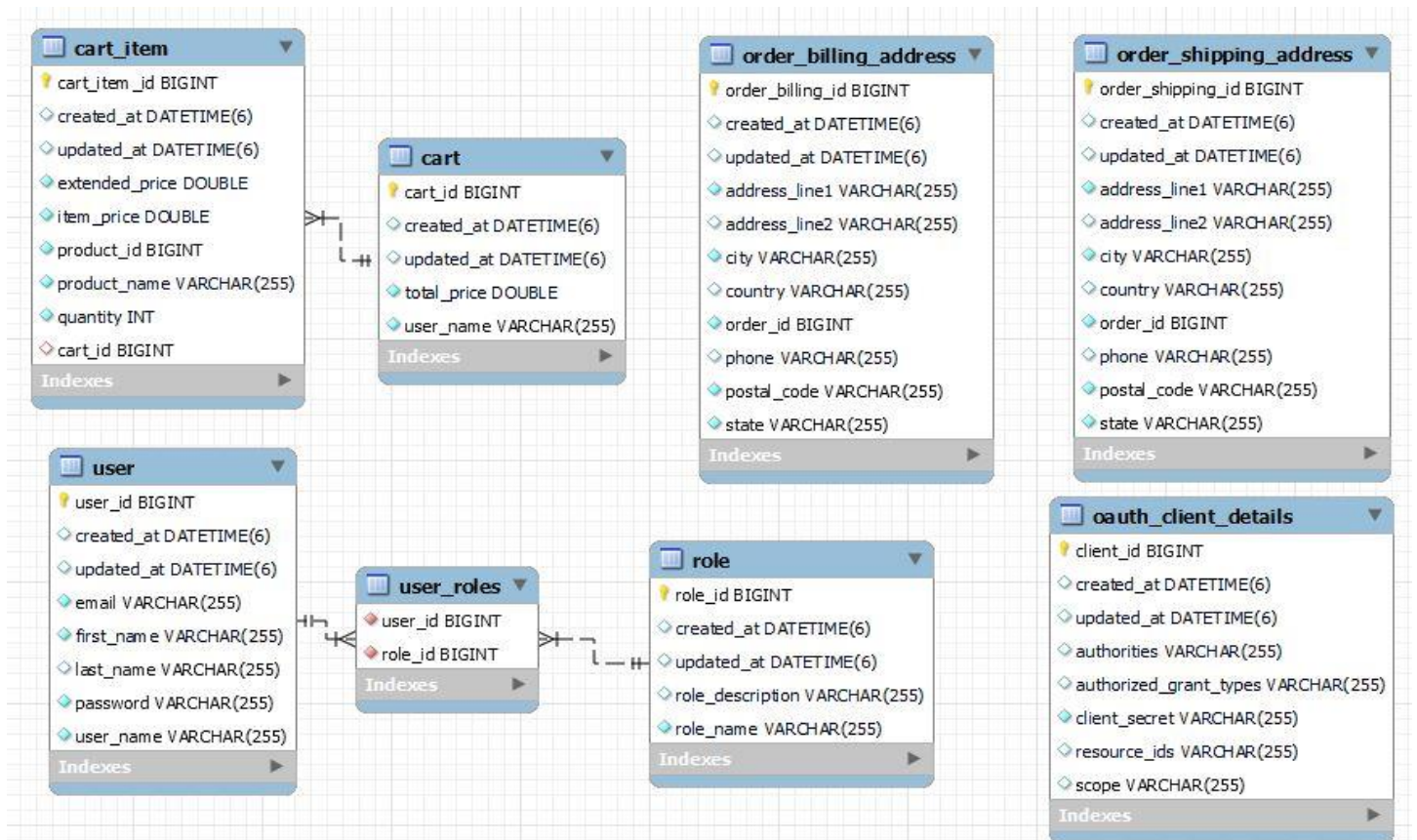


Figure 7.1 E-R Diagram

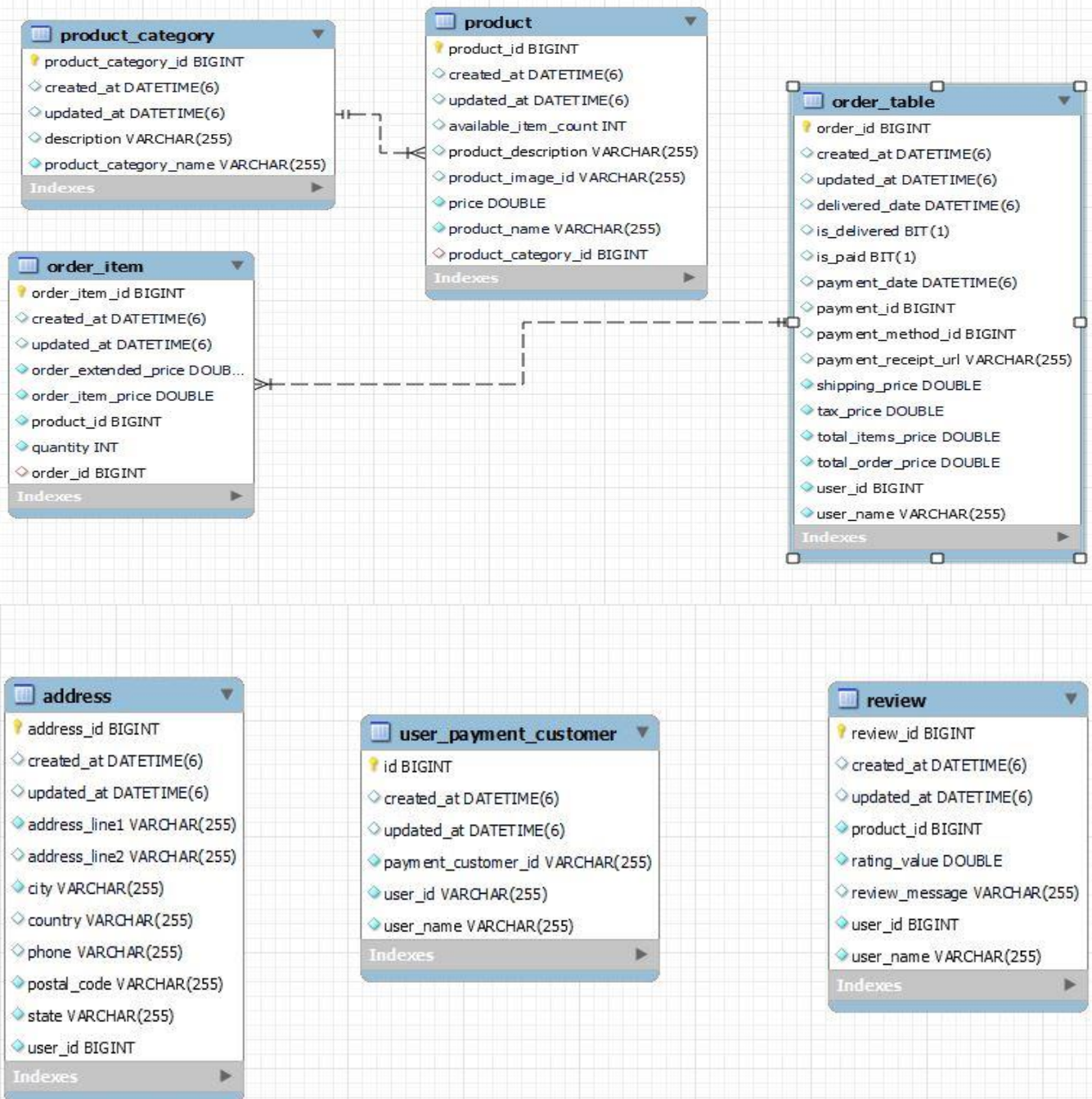
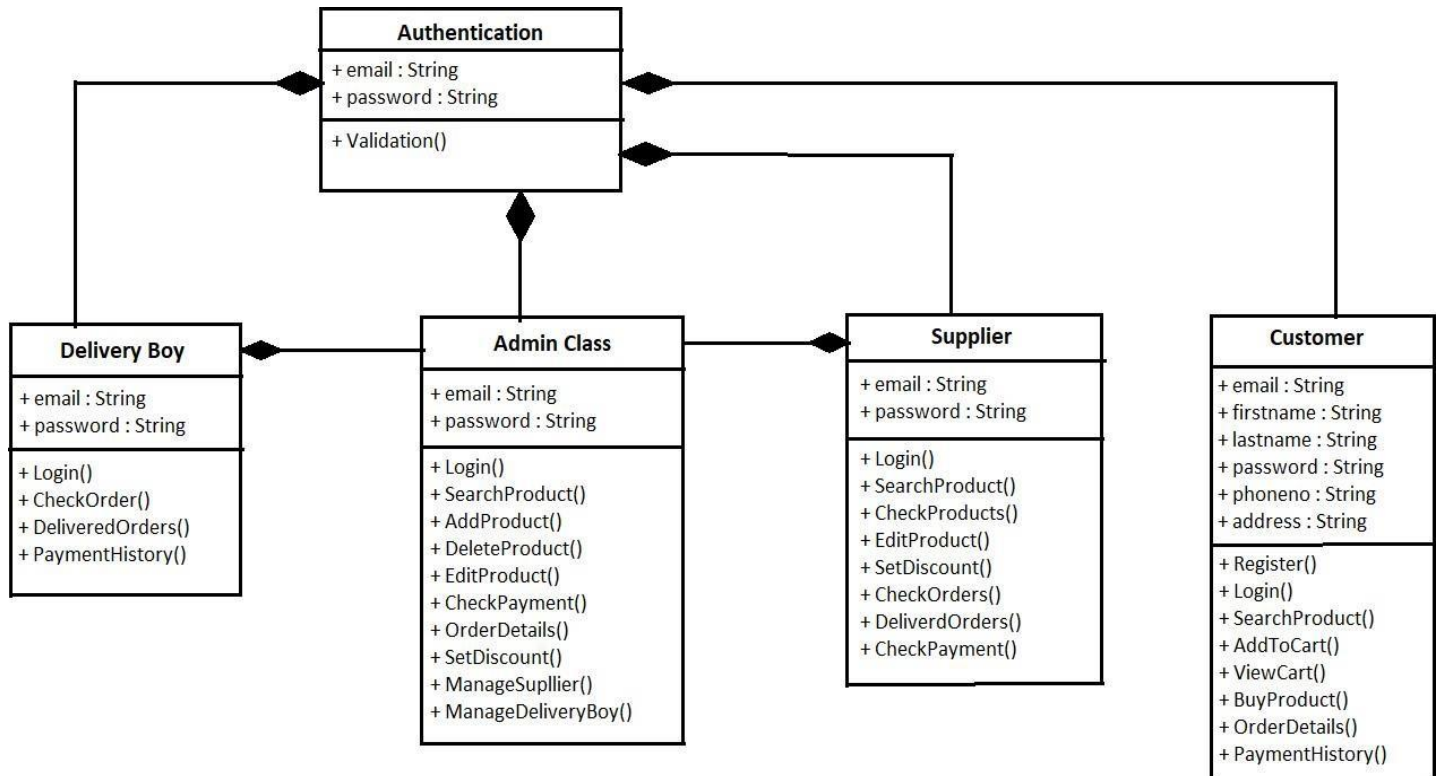
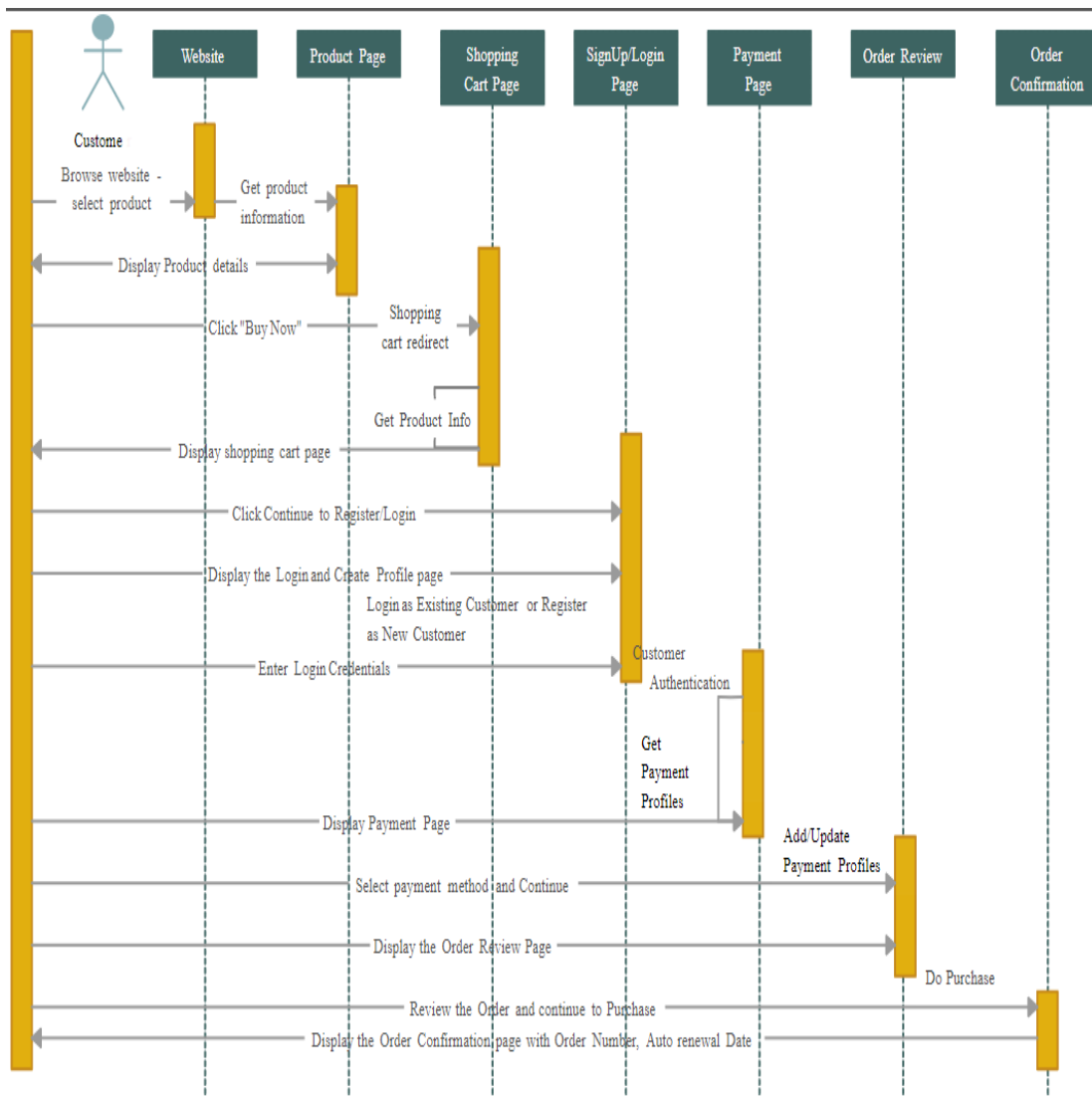


Figure 7.2 E-R diagram (Generated by Mysql)

Class Diagram



Sequence Diagram



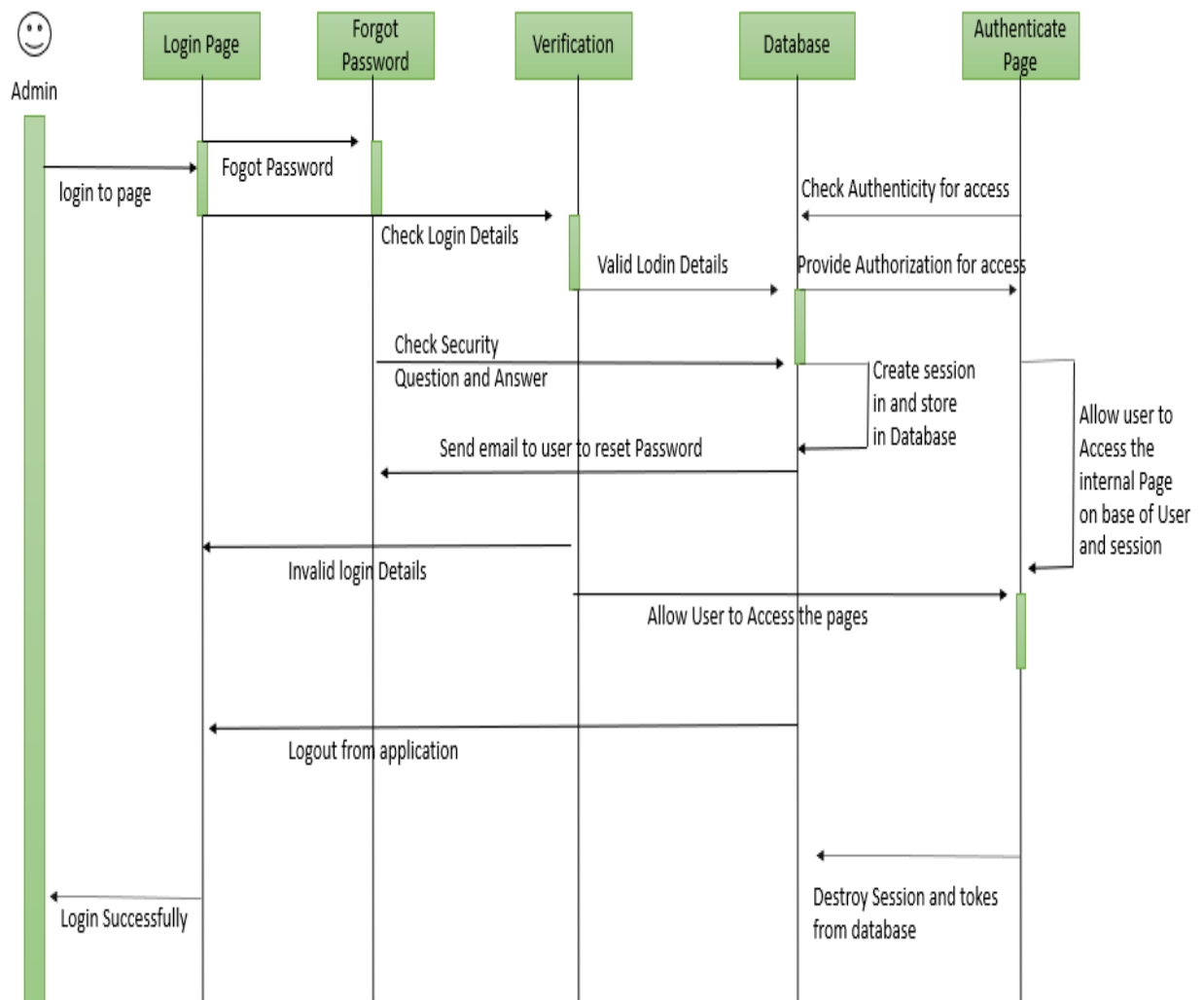


TABLE STRUCTURE:

Tables:

	Tables_in_project
►	address
	cart
	cart_item
	oauth_client_details
	order_billing_address
	order_item
	order_shipping_address
	order_table
	product
	product_category
	review
	role
	user
	user_payment_customer
	user_roles

Address:

Field	Type	Null	Key	Default	Extra
address_id	bigint	NO	PRI	NULL	auto_increment
created_at	datetime(6)	YES		NULL	
updated_at	datetime(6)	YES		NULL	
address_line1	varchar(255)	NO		NULL	
address_line2	varchar(255)	YES		NULL	
city	varchar(255)	NO		NULL	
country	varchar(255)	YES		NULL	
phone	varchar(255)	YES		NULL	
postal_code	varchar(255)	NO		NULL	
state	varchar(255)	NO		NULL	
user_id	bigint	NO	MUL	NULL	

Cart:

Field	Type	Null	Key	Default	Extra
product_id	bigint	NO	PRI	NULL	auto_increment
created_at	datetime(6)	YES		NULL	
updated_at	datetime(6)	YES		NULL	
available_item_count	int	YES		NULL	
product_description	varchar(255)	YES		NULL	

Category:

Field	Type	Null	Key	Default	Extra
cart_id	bigint	NO	PRI	NULL	auto_increment
created_at	datetime(6)	YES		NULL	
updated_at	datetime(6)	YES		NULL	
total_price	double	NO		NULL	
user_name	varchar(255)	NO		NULL	

Order Address:

Field	Type	Null	Key	Default	Extra
order_shipping_id	bigint	NO	PRI	NULL	auto_increment
created_at	datetime(6)	YES		NULL	
updated_at	datetime(6)	YES		NULL	
address_line1	varchar(255)	NO		NULL	
address_line2	varchar(255)	YES		NULL	
city	varchar(255)	NO		NULL	
country	varchar(255)	YES		NULL	
order_id	bigint	NO		NULL	
phone	varchar(255)	YES		NULL	
postal_code	varchar(255)	NO		NULL	
state	varchar(255)	NO		NULL	

Order Details:

Field	Type	Null	Key	Default	Extra
order_id	bigint	NO	PRI	NULL	auto_increment
created_at	datetime(6)	YES		NULL	
updated_at	datetime(6)	YES		NULL	
delivered_date	datetime(6)	YES		NULL	
is_delivered	bit(1)	YES		NULL	
is_paid	bit(1)	YES		NULL	
payment_date	datetime(6)	YES		NULL	
payment_id	bigint	YES		NULL	
payment_method_id	bigint	NO		NULL	
payment_receipt_url	varchar(255)	YES		NULL	
shipping_price	double	NO		NULL	
tax_price	double	NO		NULL	
total_items_price	double	NO		NULL	
total_order_price	double	NO		NULL	
user_id	bigint	NO		NULL	
user_name	varchar(255)	NO		NULL	

Orders:

Field	Type	Null	Key	Default	Extra
order_item_id	bigint	NO	PRI	NULL	auto_increment
created_at	datetime(6)	YES		NULL	
updated_at	datetime(6)	YES		NULL	
order_extended_price	double	NO		NULL	
order_item_price	double	NO		NULL	
product_id	bigint	NO		NULL	
quantity	int	NO		NULL	
order_id	bigint	YES	MUL	NULL	

Products:

Field	Type	Null	Key	Default	Extra
product_id	bigint	NO	PRI	NULL	auto_increment
created_at	datetime(6)	YES		NULL	
updated_at	datetime(6)	YES		NULL	
available_item_count	int	YES		NULL	
product_description	varchar(255)	YES		NULL	
product_image_id	varchar(255)	YES		NULL	
price	double	NO		NULL	
product_name	varchar(255)	NO		NULL	
product_category_id	bigint	YES	MUL	NULL	

Product_Category:

Field	Type	Null	Key	Default	Extra
product_id	bigint	NO	PRI	NULL	auto_increment
created_at	datetime(6)	YES		NULL	
updated_at	datetime(6)	YES		NULL	
available_item_count	int	YES		NULL	
product_description	varchar(255)	YES		NULL	

Role:

Field	Type	Null	Key	Default	Extra
role_id	bigint	NO	PRI	NULL	auto_increment
created_at	datetime(6)	YES		NULL	
updated_at	datetime(6)	YES		NULL	
role_description	varchar(255)	YES		NULL	
role_name	varchar(255)	NO		NULL	

Payment:

Field	Type	Null	Key	Default	Extra
id	bigint	NO	PRI	NULL	auto_increment
created_at	datetime(6)	YES		NULL	
updated_at	datetime(6)	YES		NULL	
payment_customer_id	varchar(255)	NO	UNI	NULL	
user_id	varchar(255)	NO	UNI	NULL	
user_name	varchar(255)	NO	UNI	NULL	

User_Role:

Field	Type	Null	Key	Default	Extra
user_id	bigint	NO	PRI	NULL	
role_id	bigint	NO	PRI	NULL	

IACSD

Users:

Field	Type	Null	Key	Default	Extra
user_id	bigint	NO	PRI	NULL	auto_increment
created_at	datetime(6)	YES		NULL	
updated_at	datetime(6)	YES		NULL	
email	varchar(255)	NO		NULL	
first_name	varchar(255)	NO		NULL	
last_name	varchar(255)	YES		NULL	
password	varchar(255)	NO		NULL	
user_name	varchar(255)	NO	UNI	NULL	

Order_shipping_address

Field	Type	Null	Key	Default	Extra
order_shipping_id	bigint	NO	PRI	NULL	auto_increment
created_at	datetime(6)	YES		NULL	
updated_at	datetime(6)	YES		NULL	
address_line1	varchar(255)	NO		NULL	
address_line2	varchar(255)	YES		NULL	
city	varchar(255)	NO		NULL	
country	varchar(255)	YES		NULL	
order_id	bigint	NO		NULL	
phone	varchar(255)	YES		NULL	
postal_code	varchar(255)	NO		NULL	
state	varchar(255)	NO		NULL	

Review:


Field	Type	Null	Key	Default	Extra
review_id	bigint	NO	PRI	NULL	auto_increment
created_at	datetime(6)	YES		NULL	
updated_at	datetime(6)	YES		NULL	
product_id	bigint	NO		NULL	
rating_value	double	NO		NULL	
review_message	varchar(255)	YES		NULL	
user_id	bigint	NO		NULL	
user_name	varchar(255)	NO		NULL	

PROJECT DIAGRAMS

Login and Forgot password:

MEDTECH

HOME LOGIN Select category



Login

Username
AnketID

Password


[Registration](#) [Forgot password?](#)

SIGN IN

© 2023 Copyright: MEDTECH.com

MEDTECH

HOME LOGIN Select category



Registration

First Name

Last Name

Email address

User Name

Password


☐ Admin ☐ Customer ☐ Vendor

REGISTER

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MEDTECH

HOME LOGIN Select category



FORGET PASSWORD

UserName

SEND OTP

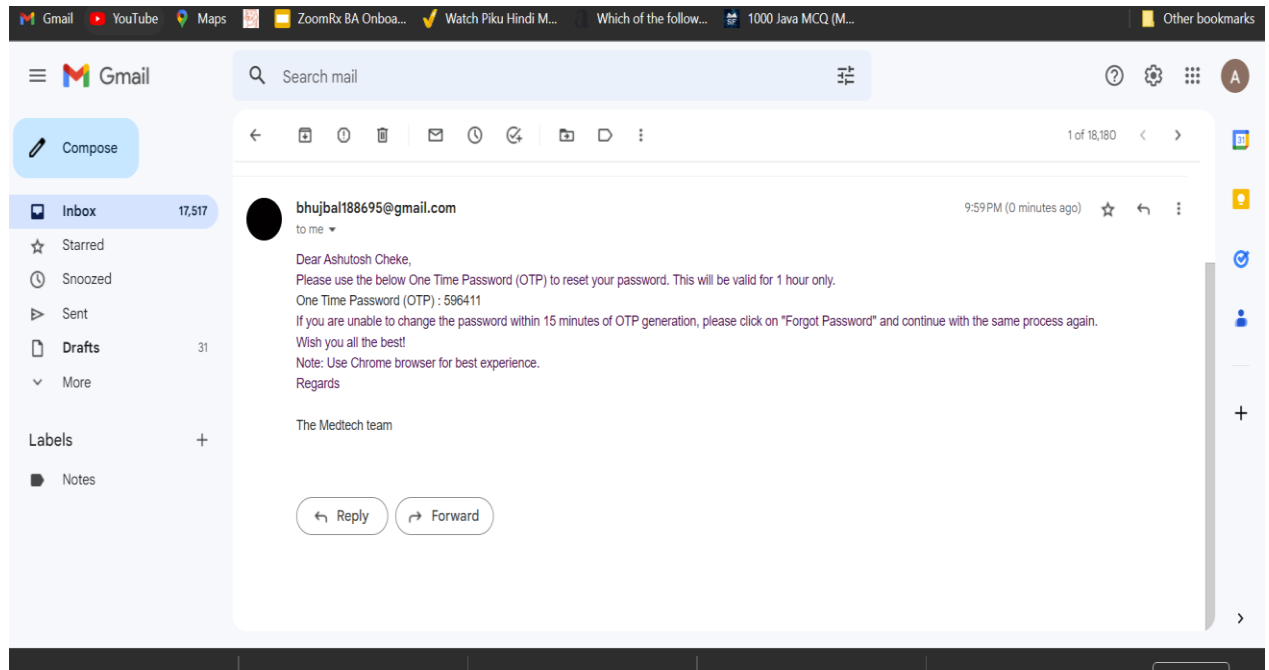
Password

OTP

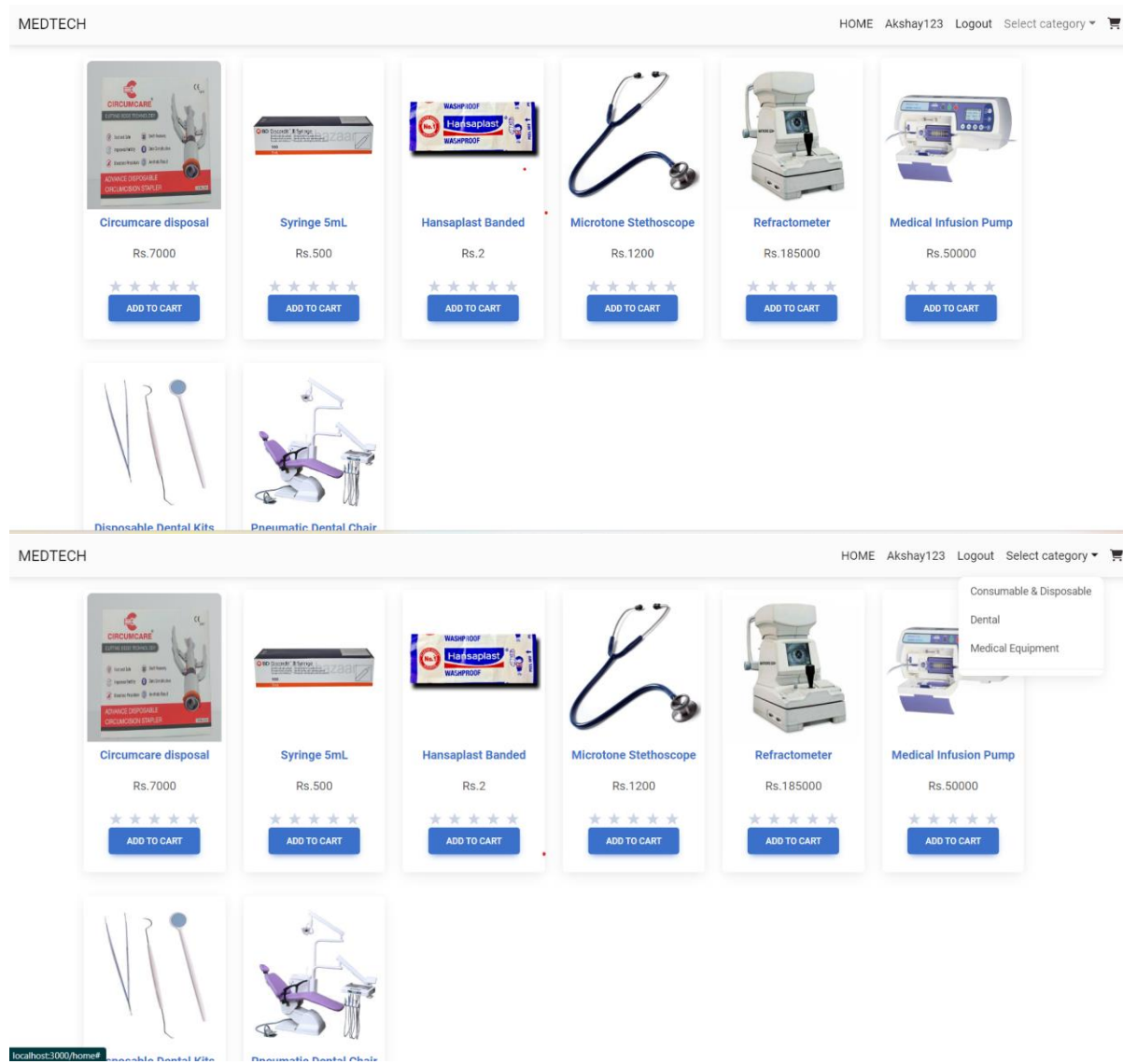
VERIFY OTP

LOGIN

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User Login Flow



MEDTECH

HOME Akshay123 Logout Select category 

Category: Consumable & Disposable



Circumcare disposal

Rs.7000



ADD TO CART



Syringe 5mL

Rs.500



ADD TO CART



Hansaplast Banded


Rs.2



ADD TO CART

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MEDTECH

HOME Akshay123 Logout Select category 

Category: Dental



Disposable Dental Kits

Rs.50



ADD TO CART



Pneumatic Dental Chair


Rs.10000



ADD TO CART

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MEDTECH HOME Akshay123 Logout Select category



Circumcare disposal

Rs.7000


ADD TO CART



Syringe 5mL

Rs. 500


ADD TO CART



Hansaplast Banded

Rs.2


ADD TO CART



Microtone Stethoscope

Rs.1200


ADD TO CART



Refractometer

Rs.185000


ADD TO CART




Medical Infusion Pump

Rs.50000

ADD TO CART



Disposable Dental Kits




Pneumatic Dental Chair

Added to cart

MEDTECH HOME Akshay123 Logout Select category


Shopping Cart



Syringe 5mL

1

Rs.500



Refractometer

1

Rs.185000

Total Price = Rs.185500

PROCEED TO PAY

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MEDTECH HOME Akshay123 Logout Select category

Invoice

order 3

Customer details:
UserName: akshay123
akshay ghode
coolapn@gmail.com

Shipped To:
pune
pune,
maharashtra, india
(+91) 9890212907


ORDER SUMMARY

#	Order Items	QTY	RATE	SUBTOTAL
	Circumcare disposal	1	Rs.7000	Rs.7000
	Circumcare advance disposal			
	Syringe 5mL	2	Rs. 500	Rs.1000
	Hansaplast Banded			
	Hansaplast Banded	2	Rs.2	Rs.4
	Total			Rs.8262.2


NEXT

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MEDTECH

HOME Akshay123 Logout Select category 

Shopping Cart

 Syringe 5mL

- 1 +


 Rs.500 


Total Price = Rs.500

PROCEED TO PAY

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MEDTECH

HOME Akshay123 Logout Select category 



DELIVERY INFO

AddressLine1

pune

AddressLine2

pune

State

Maharashtra

City

Pune

Pin

411041

Country

India

Phone

9999999999

PLACE ORDER

dfb

MEDTECH

HOME Akshay123 Logout Select category 

☒  Credit Card

☐  Debit Card

☐  PayPal

Name on card

Card Number

Expiration

Cvv

Subtotal

Shipping

Total (tax included)

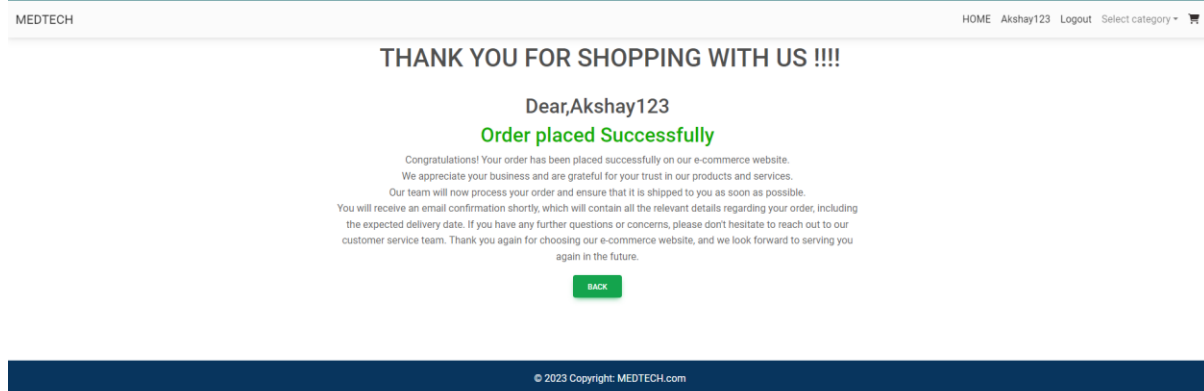
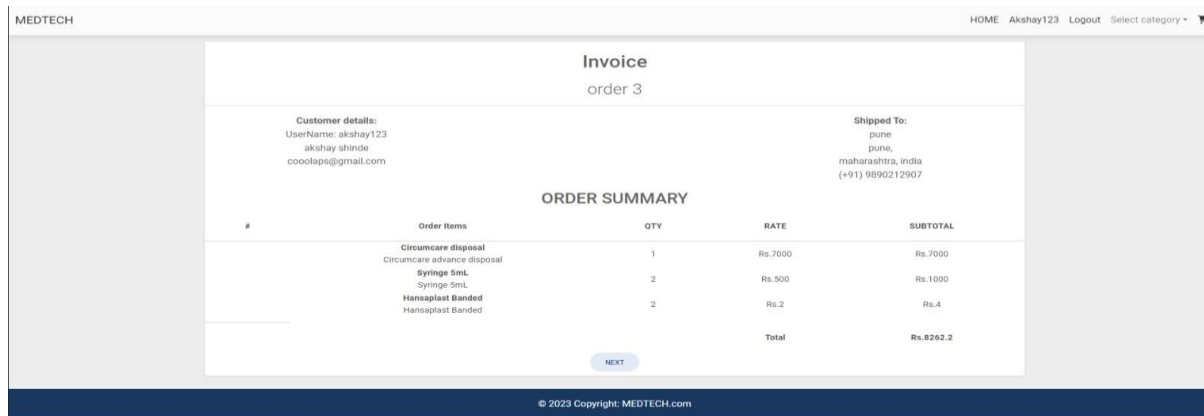
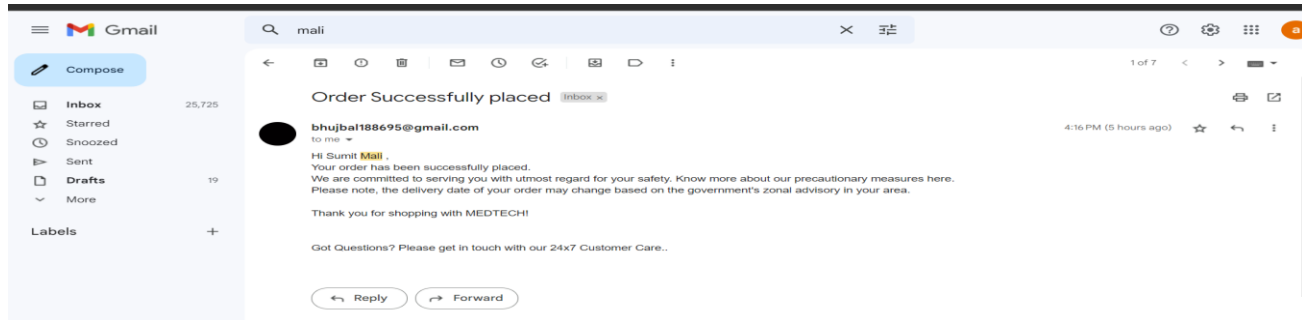
235500

Rs.50

Rs.235550


CHECKOUT

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Admin Flow:-

MEDTECH

HOME AshuCheke Logout Select category 


WELCOME ADMIN ,AshuCheke





USERLIST

PRODUCTLIST

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MEDTECH

HOME AshuCheke Logout Select category 

UserId	UserName	FirstName	LastName	Email	DeleteUser
1	AshuCheke	Ashutosh	Cheke	ashutoshcheke4@gmail.com	
2	AniketB	ANIKET	BHUIJBAL	bhujbal188695@gmail.com	
3	SumitM	Sumit	Mali	ashutoshcheke7@gmail.com	
4	akshay123	akshay	shinde	cooolaps@gmail.com	

BACK

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MEDTECH

HOME AshuCheke Logout Select category 



Circumcare disposal

Rs.7000



DELETE PRODUCT



Syringe 5mL

Rs.500



DELETE PRODUCT



Hansaplast Banded

Rs.2



DELETE PRODUCT



Microtone Stethoscope

Rs.1200



DELETE PRODUCT



Refractometer

Rs.185000



DELETE PRODUCT



Medical Infusion Pump

Rs.50000



DELETE PRODUCT



Disposable Dental Kits

Rs.50



DELETE PRODUCT



Pneumatic Dental Chair

Rs.10000



DELETE PRODUCT

MEDTECH

HOME AshuCheke Logout Select category 



Circumcare disposal

Rs.7000



DELETE PRODUCT



Syringe 5mL

Rs.500



DELETE PRODUCT



Hansaplast Banded

Rs.2



DELETE PRODUCT



Microtone Stethoscope

Rs.1200



DELETE PRODUCT



Refractometer

Rs.185000



DELETE PRODUCT



Medical Infusion Pump

Rs.50000



DELETE PRODUCT



Disposable Dental Kits

Rs.50



DELETE PRODUCT

Vendor flow:-

MEDTECH

HOMEAniketBLogoutSelect category

WELCOME ,AniketB

ADD PRODUCT

PRODUCT LIST

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MEDTECH

HOMEAniketBLogoutSelect category

PRODUCT ADD

productName

Mectron Easy Jet Pro

price

500

description

Mectron Easy Jet Pro

Quantity

20

SELECT CATEGORY


ADD PRODUCT

image

Choose FileMectron Easy Jet Pro.jpeg

ADD IMAGE


MEDTECH
HOME AniketB Logout Select category



Circumcare disposal

Rs.7000


UPDATE PRODUCT



Syringe 5mL

Rs.500


UPDATE PRODUCT



Hansaplast Banded

Rs.2


UPDATE PRODUCT



Microtone Stethoscope

Rs.1200


UPDATE PRODUCT



Refractometer

Rs.185000


UPDATE PRODUCT



Medical Infusion Pump

Rs.50000


UPDATE PRODUCT



Disposable Dental Kits

Rs.50

UPDATE PRODUCT




Mectron Easy Jet Pro

Rs.500

UPDATE PRODUCT

BACK


MEDTECH
HOME AniketB Logout Select category



Circumcare disposal

Rs.7000


UPDATE PRODUCT



Syringe 5mL

Rs.500


UPDATE PRODUCT



Hansaplast Banded

Rs.2


UPDATE PRODUCT



Microtone Stethoscope

Rs.1200


UPDATE PRODUCT



Refractometer

Rs.185000


UPDATE PRODUCT



Medical Infusion Pump

Rs.50000


UPDATE PRODUCT



Disposable Dental Kits

Rs.50

UPDATE PRODUCT

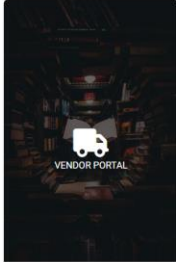


Mectron Easy Jet Pro

Rs.500

UPDATE PRODUCT

BACK



UPDATE PRODUCT

productname
Microtone Stethoscope

price
500

description
Microtone Stethc 500


Quantity
20 50000

[SELECT CATEGORY](#)

[UPDATE PRODUCT](#)

[BACK](#)


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Circumcare disposal

Rs.7000


[UPDATE PRODUCT](#)



Syringe 5mL

Rs. 500


[UPDATE PRODUCT](#)



Hansaplast Banded

Rs. 2


[UPDATE PRODUCT](#)



Microtone Stethoscope

Rs. 500


[UPDATE PRODUCT](#)



Refractometer

Rs.185000


[UPDATE PRODUCT](#)



Medical Infusion Pump

Rs. 50000


[UPDATE PRODUCT](#)



Disposable Dental Kits

Rs. 50

[UPDATE PRODUCT](#)



Mectron Easy Jet Pro

Rs. 500

[UPDATE PRODUCT](#)

[BACK](#)

Future Enhancement

1. We will handle complete delivery system
2. We will handle complete payment system
3. Review generation for product as per the category
4. Admin will get the notification as per update

CONCLUSION

The project entitled **THE MEDTECH** was completed successfully.

The system has been developed with much care and free of errors and at the same time it is efficient and less time consuming. The purpose of this project was to develop a web application and an android application for purchasing Medical Product from multiple vendors.

This project helped us in gaining valuable information and practical knowledge on several topics like designing web pages using React.js, usage of responsive templates, and management of database using MySQL. The entire system is secured. Also, the project helped us understanding about the development phases of a project and software development life cycle.

This project has given us great satisfaction in having designed an application and deployed globally so the Medical Product lover all over the world can access the website anywhere in the world and get the Medical Product they want on their doorstep.

There is a scope for further development in our project to a great extent. A number of features can be added to this system in future like providing moderator more control over products so that each moderator can verify the vendors . Another feature we wished to implement was providing classes for customers so that different offers can be given to each class. System may keep track of history of purchases of each customer and provide suggestions based on their history. These features could have implemented unless the time did not limit us.

The implementation of an e-commerce platform for medical equipment can have significant benefits for both the medical industry and consumers. By providing a convenient and accessible way for healthcare providers to procure necessary equipment, the platform can enhance the efficiency and effectiveness of healthcare delivery. Additionally, the platform can offer consumers a wider range of options at competitive prices, and provide greater transparency in the purchasing process. To ensure the success of the project, it is important to prioritize user experience, security, and regulatory compliance, while also leveraging data analytics and marketing strategies to optimize sales and customer retention. Overall, an e-commerce platform for medical equipment can be a valuable tool in advancing healthcare accessibility and affordability

REFERENCES

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- [2] Mc Graw Hill's, Java: The complete reference 7thEdition, Herbert Scheldt
- [3] Complete CSS Guide, Maxine Sherrin and John Allsopp-O'ReillyMedia; September 2012

ONLINE REFERENCE

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- [2] www.w3school.com
- [3] www.javatpoint.com