GALGOTIAS UNIVERSITY

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SHOPIFY

A Report for the final year project

Submitted by

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Mohammed Haris (17SCSE203103)

in partial fulfilment for the award of the degree

of

MASTERS

IN

COMPUTER APPLICATION

SCHOOL OF COMPUTING SCIENCE AND ENGINEERING

Under the Supervision of

Mr. S Sreeji,

Assistant Professor

APRIL / MAY- 2020

SCHOOL OF COMPUTING AND SCIENCE AND ENGINEERING

BONAFIDE CERTIFICATE

Certified that this project report **"SHOPIFY"** is the bonafide work of **"Mohd Armaan (17SCSE203041) and Mohammed Haris (17SCSE203103)"** who carried out the project work under my supervision.

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School of Computing Science & Engineering

SIGNATURE OF SUPERVISOR
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Assistant Professor
School of computing Science & Engineering

ACKNOWLEDGEMENT

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CANDIDATE'S DECLARATION

I hereby certify that the work which is being presented in the MCA Dissertation Phase-1, entitled in Computer Science & Engineering and submitted in the School of Computing Science Engineering of the Galgotias University, Greater Noida is an authentic record of my own work carried out during a period from Jan **2020** to May **2020** under the supervision of, **Mr. S Sreeji (Assistant Professor)** School of Computing Science & Engineering, Galgotias University, Greater Noida.

The Content presented in the dissertation has not been submitted by me for the award of any other degree of this or any other Institute.

Mohd Armaan
17SCSE203041
Mohammad Haris
17SCSE203103

CERTIFICATE

This is to certify that the above statement made by the candidate is correct and to the best of my knowledge.

SUPERVISOR NAME & SIGNATURE

Date: 03-05-2020 Place: Greater Noida

Dean-SCSE

ABSTRACT

Now a days the life style of the people is different. People feel uncomfortable and time consuming for going crowded markets. So, E-Shopping is a boon as it saves lot of time. Online shopping is a process whereby consumers directly buy goods, services etc. from a seller without an intermediary service over the Internet. Shoppers can visit web stores from the comfort of their house and shop as by sitting in front of the computer. Online stores are usually available 24 hours a day and many consumers have internet access both at work and at home. So it is very convenient for them to shop Online. One of the most enticing factors about online shopping, particularly during holiday season is, it alleviates the need to wait in long lines or search from a store for a particular item. Variety of goods are available in online. So the researcher want to know the preference of the consumers. So fifty respondents were met and data were collected regarding their preference towards shopping online

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1. INTRODUCTION

Online shopping (Shopify) is becoming increasingly popular for variety of reasons. There are certainly outside factors such as increasing gas prices, difficulty in getting to traditional stores and hassles often associated with shopping malls and other traditional stores to contribute to the increased interest in online shopping.

Consumers can get full information about the product with its reviews being passed by the existing users. If one wants to buy a product .He/she is no longer limited to asking the friends and families because there are many products reviews on the web which gives opinions of the existing users of the product.

Online shopping sites contain wide variety of goods both high quality and mild quality keeping in mind the level of people.

1) There are no national and International Barriers.
2) In online shopping the consumers will be in a demanding position and suppliers will not be in a commanding position.
3) There are enormous employment opportunities in online shopping.

1.1 OVERVIEW OF SHOPIFY

The central concept of the application is to allow the customer to shop virtually using the Internet and allow customers to buy the items and articles of their desire from the store. The information pertaining to the products are stores on an RDBMS at the server side

(store). The Server process the customers and the items are shipped to the address submitted by them.

The application was designed into two modules first operating System for the customers who wish to buy the articles. Second is for the storekeepers who maintains and updates the information pertaining to the articles and those of the customers?

The end user of this product is a departmental store where the application is hosted on the web and the administrator maintains the database. The application which is deployed at 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. Once the authorized personnel feed the relevant data into the system, several reports could be generated as per the security.

2. SYSTEM STUDY

2.1 PROBLEM DEFINITION

To develop a web-based application to improve the service to the customers and merchant which in turn increases the sales and profit in " Shopify"

GOALS FOR THE SYSTEM AND THE PROJECT

The system is capable of maintaining details of various customers, generation of shipment address bills, handling customers and product receipts, updating of stores.

CONSTRAINTS ON THE SYSTEM AND THE PROJECT

Shopify is developed in Java 8.0 using Java as front end and it could run only on Java 8.0 and onward versions.

3. REQUIREMENTS

3.1 MINIMUM HARDWARE REQUIREMENT:

Server Side:

Processor	1.0 GHz
RAM	1 GB
Hard Disk	40 GB

Client Side:

Processor	800 MHz
RAM	512 MB
Hard Disk	20 GB

3.2. MINIMUM SOFTWARE REQUIREMENT:

Server side:

OS	Window Server 2003
Back End	Mysql

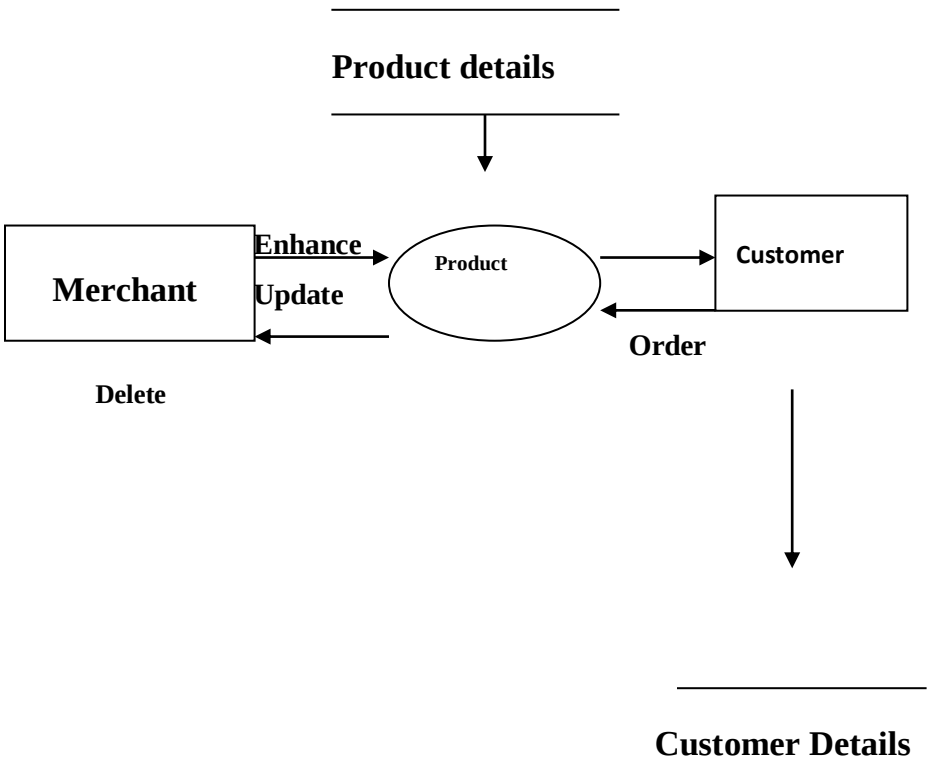
Client Side:

OS	Window XP or any compatible OS

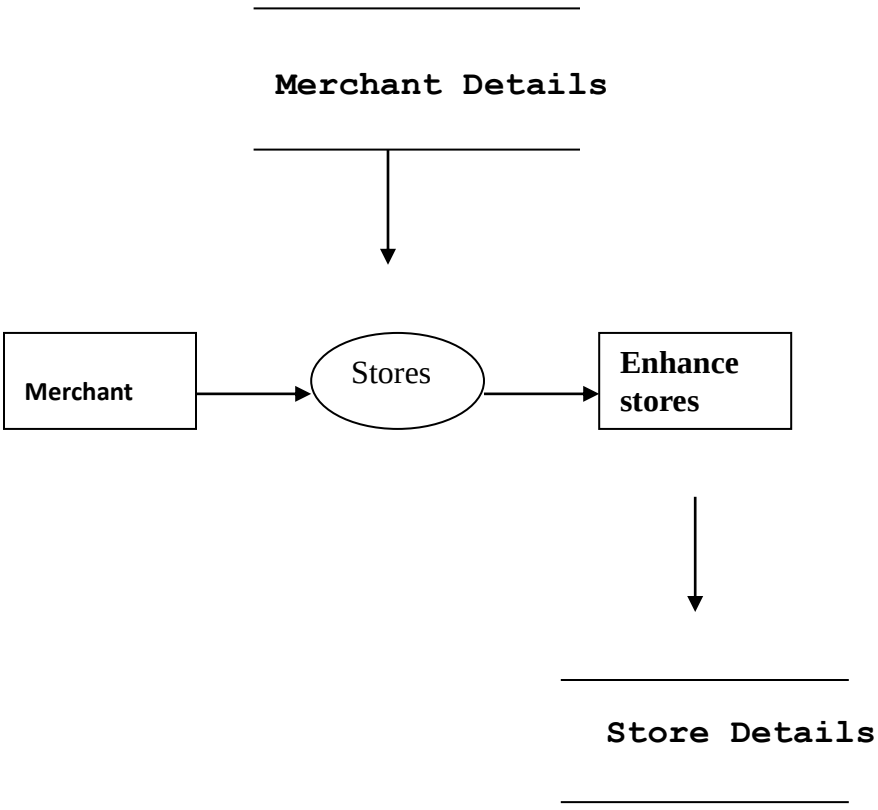
Browser	Internet explorer 7.0 or any compatible Browser

4. SYSTEM DESIGN AND ANALSIS

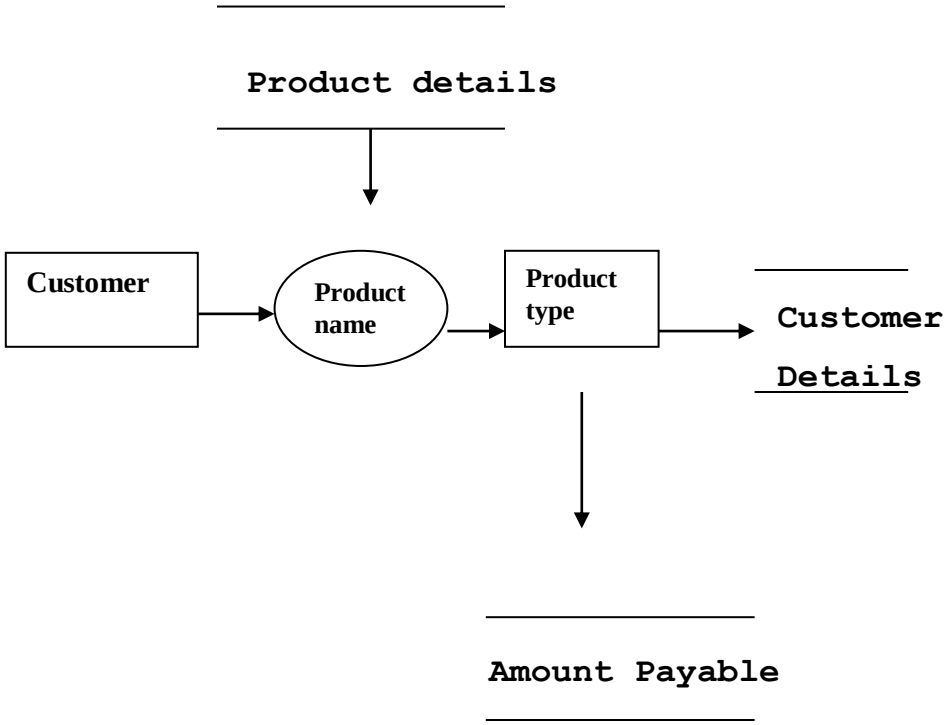
4.1. CONTEXT DIAGRAM



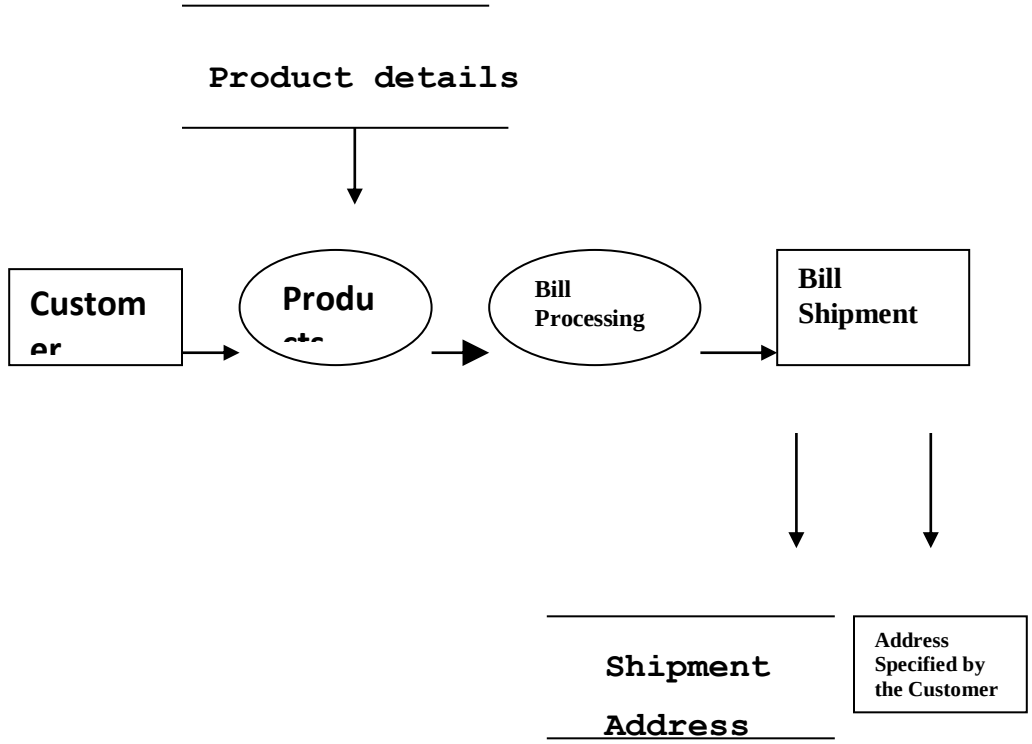
4.2 FIRST LEVEL DATA FLOW DIAGRAM FOR MERCHANT LOGIN TO ENHANCE STORES



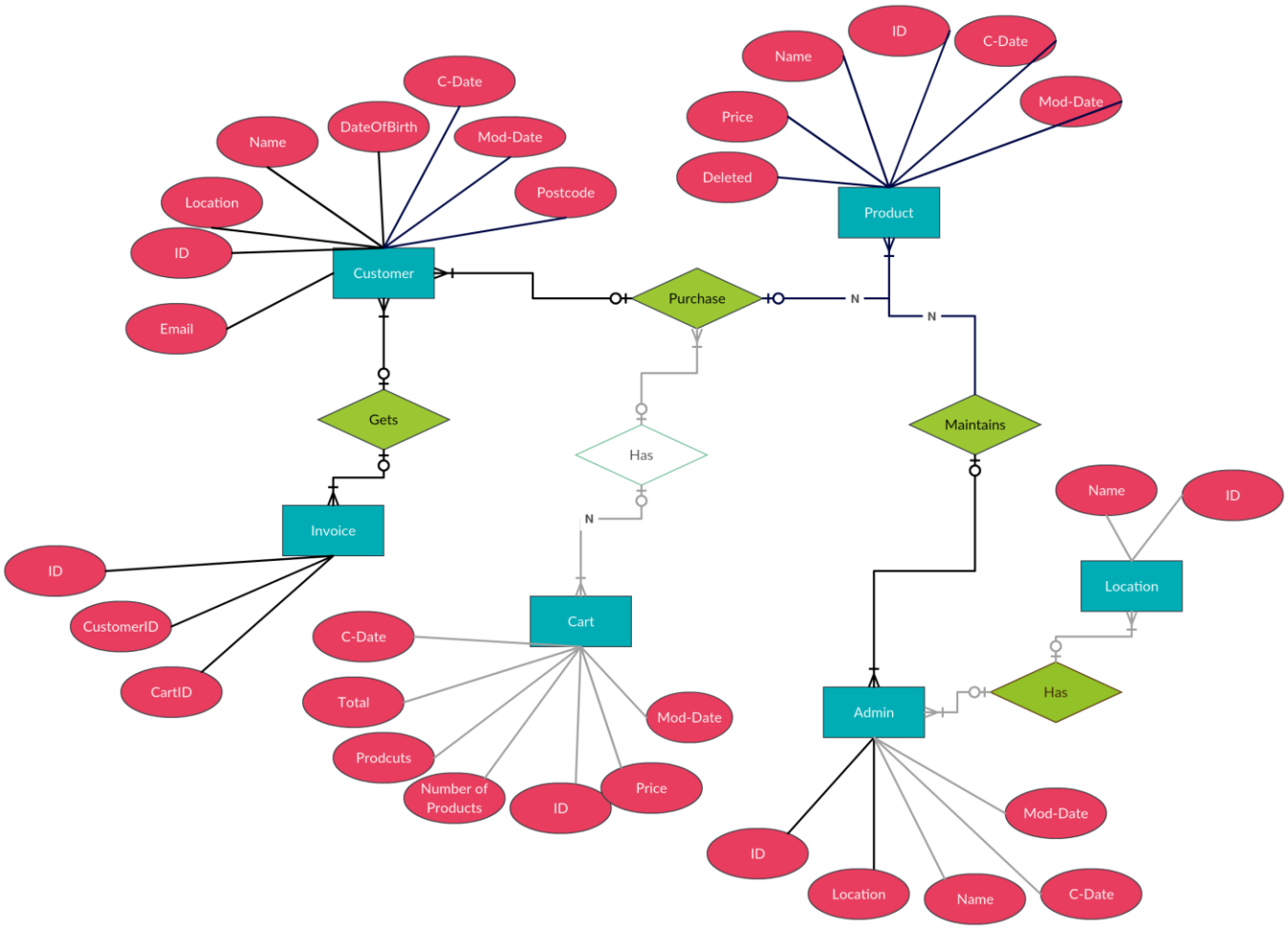
4.2.1 FIRST LEVEL DATA FLOW DIAGRAM FOR CUSTOMER PROCESSING ON PRODUCT



4.2.2. SECOND LEVEL DATA FLOW DIAGRAM FOR BILL SHIPMENT



4.3 ER DIAGRAM



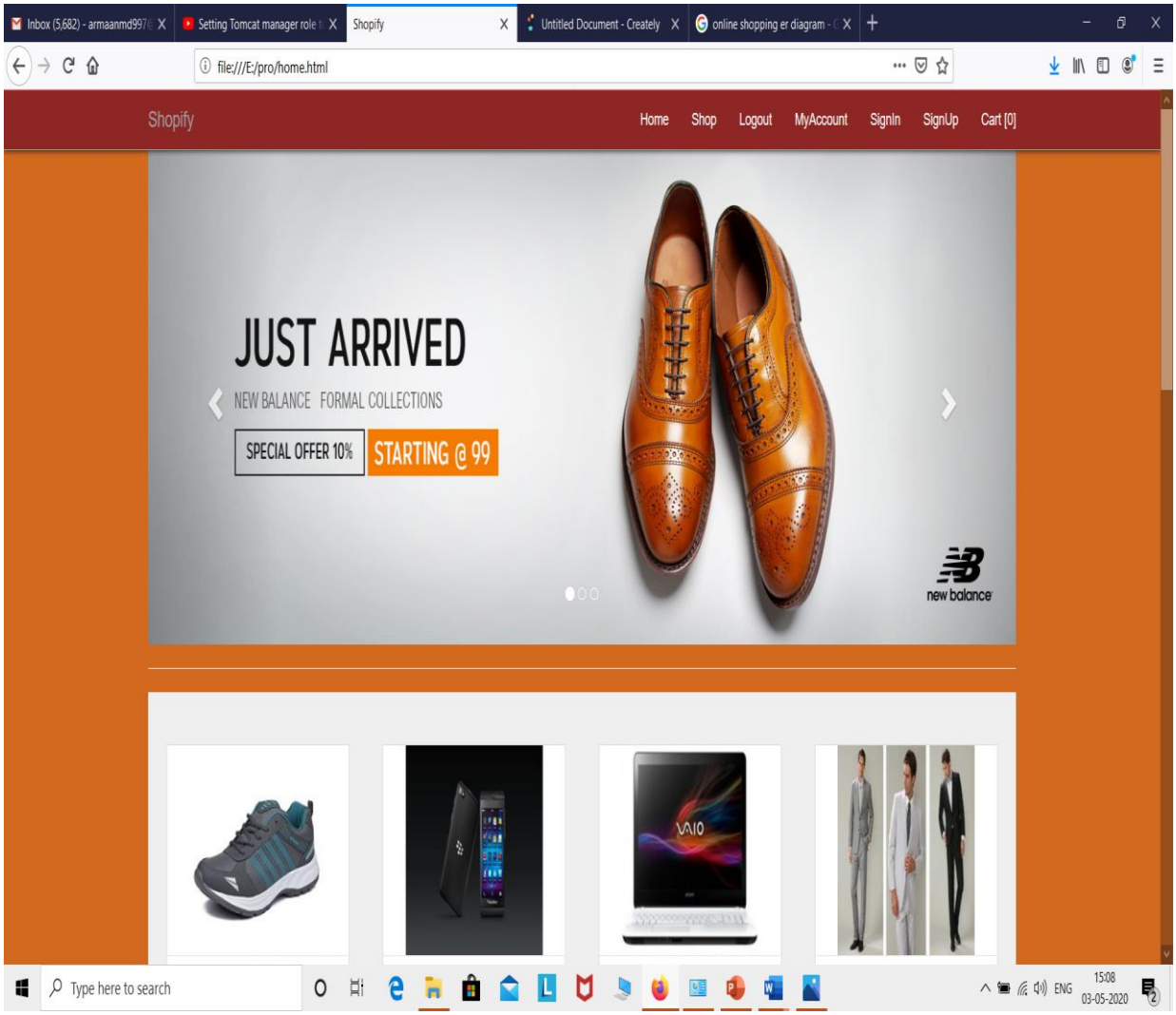
4.4 GANT CHART

Task	Time Duration (In Days)						Total Days
	15	30	45	60	75	90	
Requirement Gathering & Analysis							15
Designing							25
Coding							40
Testing							20
Deployment & Implementation							20
Total							120

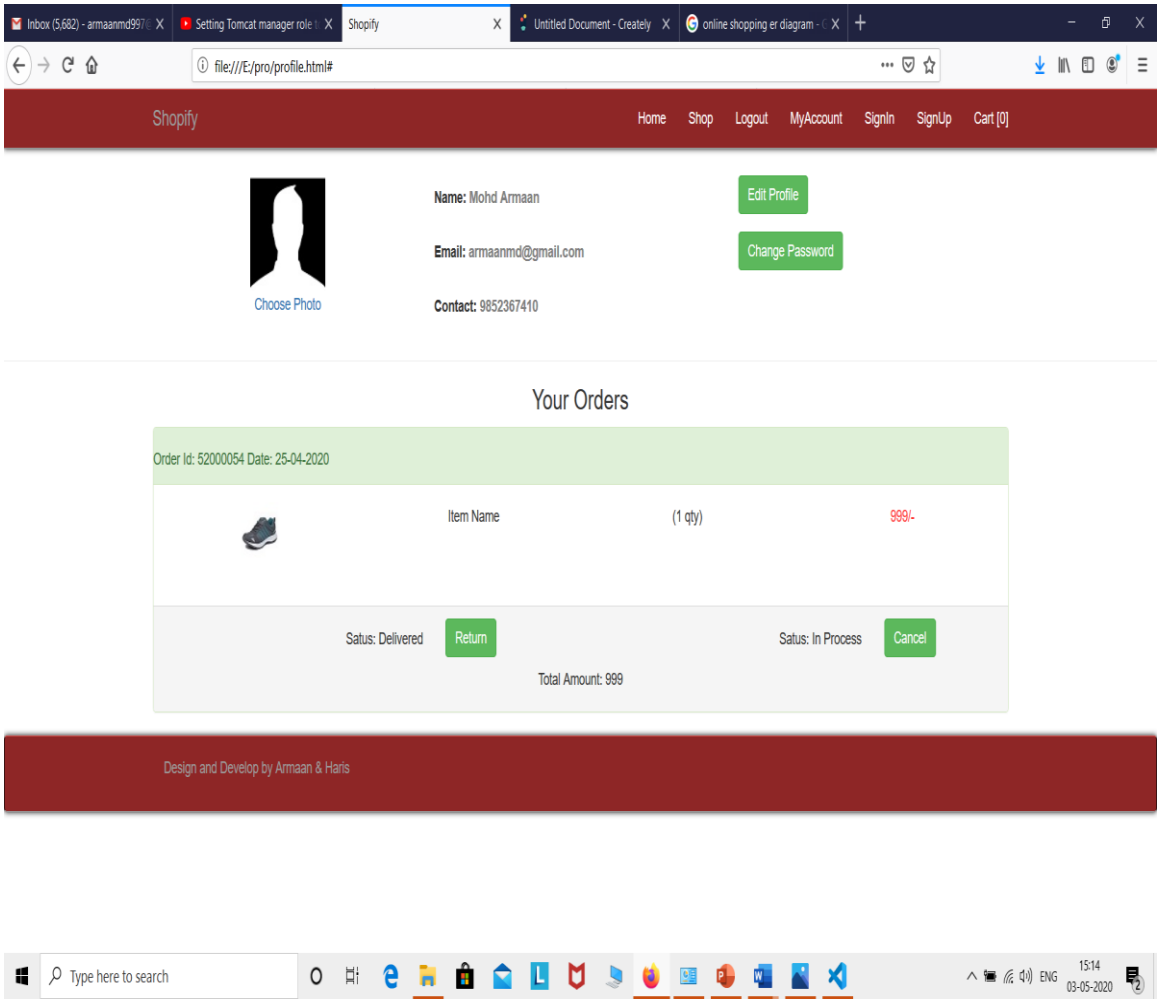
Table 1: Gant chart

5. SCREENSHOTS

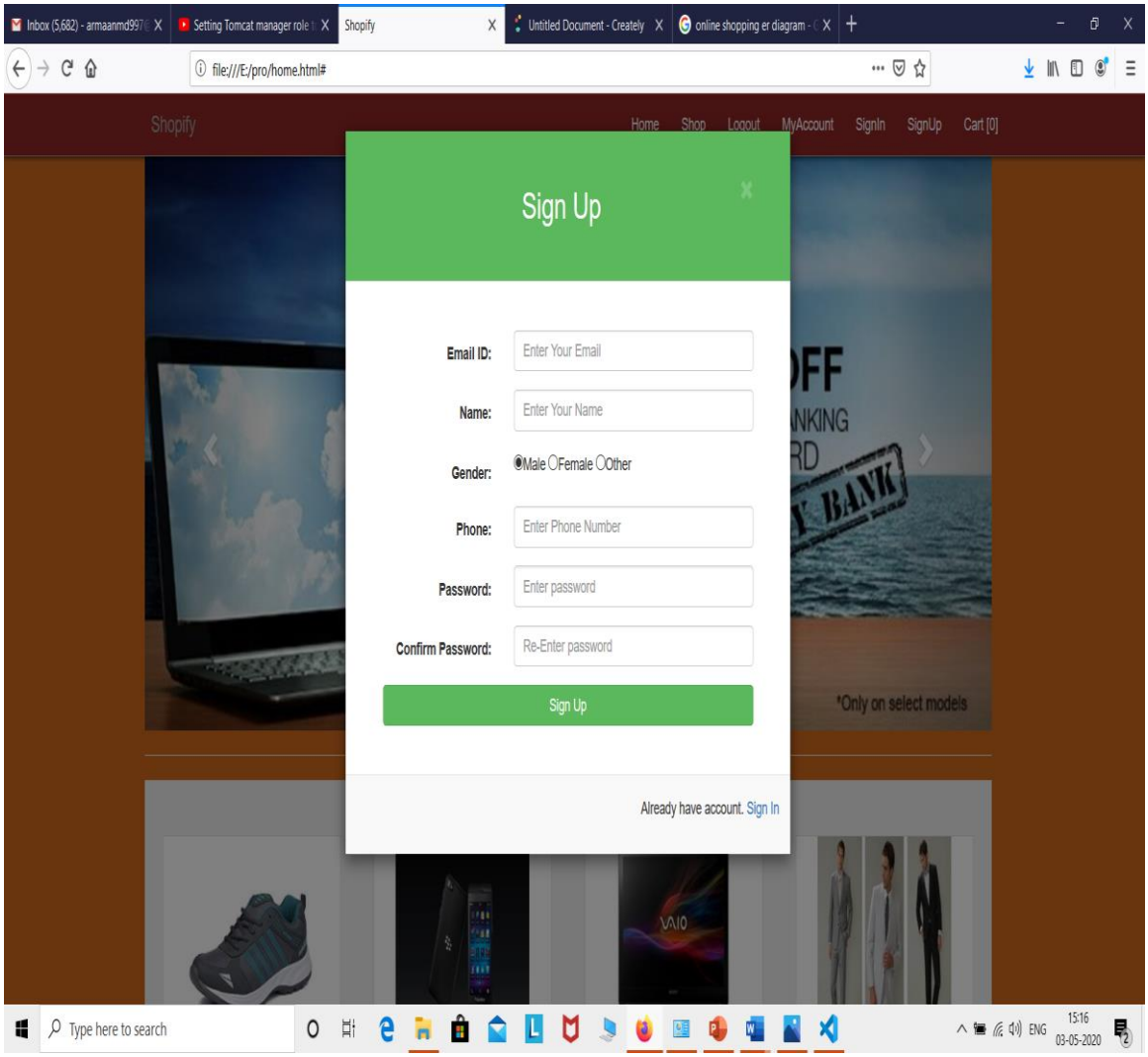
5.1 HOME



5.2 MY ACCOUNT



5.3 SIGN UP


Shopify
Home
Shop
Logout
MyAccount
SignIn
SignUp
Cart [0]
Sign Up
Email ID:
Enter Your Email
Name:
Enter Your Name
Gender:
Male Female Other
Phone:
Enter Phone Number
Password:
Enter password
Confirm Password:
Re-Enter password
Sign Up
Already have account. Sign In
*Only on select models
Type here to search
ENG
15:16
03-05-2020

6. ADVANTAGES

- It simplifies the operation.
- It avoids a lot of manual work.
- Every transaction is obtained and processed immediately.
- Avoids errors by avoiding the manual work.
- User friendly screen to enter the data and enquire the database
- Online help messages available to the operating system.
- User can easily access the system without much experience.
- Provides Hardware and software securities.
- Portable and flexible for further extension

7. TOOLS

- Eclipse
- Web browser
- HTML
- CSS
- JavaScript
- Java
- MySQL
- Bootstrap

8. FUTURE ENHANCEMENTS

There are many online shopping websites on internet so for staying in market a site needs to be unique so that a user will love to use our product for that we need to do something different.

Some of the enhancements which we have thought of are:

- To develop an android application for users so that user can get a quick access to their e-commerce website.
- Sharing with other platforms like facebook, whatsapp so that the user can earn some credits which can be redeemed while shopping.

9. CONCLUSION

The central concept of the application is to allow the customer to shop virtually using the Internet and allow customers to buy the items and articles of their desire from the store. The information pertaining to the products are stores on an RDBMS at the server side (store). The Server process the customers and the items are shipped to the address submitted by them.

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application is hosted on the web and the administrator maintains the database. The application which is deployed at 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. Once the authorized personnel feed the relevant data into the system, several reports could be generated as per the requirements.
This system offers information relevant to the user accessing the application thus avoiding unnecessary overloading and at the same time maintaining the security

10. REFERENCE

1.Effective Java 3rd Edition by Joshua Bloch

2.Java A Beginner's Guide by Herbet Schidlt

3.Html & CSS by Jon duckett

4.Mastering HTML, CSS & JavaScript Web Publishing by lemayLaura