



**DBMS MINI PROJECT REPORT  
ON  
Online Clothes Shopping System**

*Submitted by*

Pranith Rao  
Prathvi N B

4SO18CS088  
4SO18CS090

**Under the guidance of**

**Ms Supriya S**  
(Assistant Professor, CSE Department)



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**ST JOSEPH ENGINEERING COLLEGE  
Vamanjoor, Mangaluru -575028, Karnataka  
2019-2020**



**DBMS MINI PROJECT REPORT  
ON  
Online Clothes Shopping System**

*Submitted by*

Pranith Rao  
Prathvi N B

4SO18CS090  
4SO17CS088

**Under the guidance of**

**Ms Supriya S**  
(Assistant Professor, CSE Department)



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**ST JOSEPH ENGINEERING COLLEGE**  
**Vamanjoor, Mangaluru -575028, Karnataka**  
**2019-2020**

# ST JOSEPH ENGINEERING COLLEGE

Vamanjoor, Mangaluru- 575 028

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



## CERTIFICATE

*This is to certify that the Mini project entitled “Online Clothes Shopping System” is a bonafide work carried out by*

**Pranith Rao**

**4SO18CS088**

**Prathvi N B**

**4SO18CS090**

*Students of fifth semester B.E. Computer Science & Engineering, and submitted as a part of the course DBMS Laboratory with Mini Project (17CSL58), during the academic year 2019-2020.*

.

-----  
**Ms Supriya S**

**Project Guide**

-----  
**Dr Sridevi Saralaya**

**Head of the Department**

**Name of the Examiners**

**Signature with Date**

1.-----

1.-----

2. -----

2.-----

## **ABSTRACT**

This is a project report on “ONLINE CLOTHES SHOPPING”. During the making/developing of this project we explored new ideas. This project is the output of our planning, schedule, programming skill and the hard work, and this report reflects our steps taken at various levels of programming skill, planning and schedule. We have learnt a lot during this project and liked the improvement in our testing skills and deep concept related to these kinds of projects.

Our project is ONLINE CLOTHES SHOPPING. This is a web based application which helps people to find and buy latest clothes from online. It is useful in the way that it makes an easier way to buy clothes online. The purpose of the project is to computerize the Office Management of online store to develop software which is user friendly simple, fast and cost effective,for personal use and makes the data processing very fast.The basic concept is to allow the customer to shop virtually using the Internet and allow customers to buy the items of their desire from the store. The information pertaining to the products are stores on an RDBMS at the server side (store).The admin can add,delete or update items in the stock.

## ACKNOWLEDGEMENT

We dedicate this page to acknowledge and thank those responsible for the shaping of the project. Without their guidance and help, the experience while constructing the dissertation would not have been so smooth and efficient.

We are extremely thankful to our Director, **Rev Fr Wilfred P D'Souza** and our Principal, **Dr Rio D'Souza** for their support and encouragement.

We owe our profound gratitude to **Dr Sridevi Saralaya**, Head of the Department, Computer Science and Engineering, whose kind consent and guidance helped us to complete this work successfully.

We sincerely thank **Ms Supriya S**, Assistant Professor, Computer Science and Engineering for her guidance and valuable suggestions which helped us to fulfil the experiments prescribed by the university.

We would like to thank all our Computer Science and Engineering staff members who have always been with us extending their support, precious suggestions, guidance and encouragement through the project.

We also like to extend thanks to our friends and family members for their continuous support.

# CONTENTS

Abstract .....	i
Acknowledgement .....	ii
Contents .....	iii
List of Tables & Figures .....	iv
1. Introduction.....	05
1.1 Problem Definition.....	05
1.2 Scope & Importance .....	06
2. Software Requirement Specification.....	07
2.1 Functional Requirements.....	07
2.2 Software Requirements .....	07
2.3 Hardware Requirements .....	08
3. System Design.....	08
3.1 ER Model.....	09
3.2 Schema Description .....	10
3.3 Tables Description .....	11
4. Screenshots .....	13
5. Conclusion and Future work .....	19

## **LIST OF TABLES AND FIGURES**

1. ER Model.....	09
2. Schema Diagram .....	10
3. Admin_login Table .....	11
4. FeedbackTable .....	11
5. Purchase Table.....	11
6. Stock Table .....	12
7. User Table .....	12

## CHAPTER 1 – INTRODUCTION

The project ‘ONLINE CLOTHES SHOPPING SYSTEM’ has been developed on HTML,PHP,CSS, and My SQL. The objective of this project is to create an e-commerce web portal with a content management system which would allow product information to be updated securely. The web portal will have an online interface in the form of an e-commerce website that will allow users to buy items. There are two types of users available in the project. First one is Customer and second one is Admin. Customers have limited access right to access the system while the admin users have full control over the system. We have used PHP for business logic, MySQL as a database, HTML for structure designing, CSS for web page formatting.

### 1.1 Problem Definition

This project aims to develop an online shopping for customers with the goal so that it is very easy to shop your loved things from extensive number of products available. With the help of this you can carry out an online shopping from your home. Here is no compelling reason to go to the crowded stores or shopping centres during festival seasons. To get to this online shopping system all the customers will need to have a email and password to login and proceed your shopping. The login credentials for an online shopping system are under high security and nobody will have the capacity to crack it easily. Upon successful login the customers can purchase a wide range of clothes using online shopping system. No need to go to shops physically with this you will have more time to spend with your family



## **1.2 Scope & Importance**

Another significant contributor to the growth of eCommerce in India in the future is the e-tailing industry which largely deals in providing Clothing, Electronic and kitchen appliances online.

Websites like Flipkart, Myntra, Amazon, Snapdeal, Jabong, etc. are all examples of the enormous success of eCommerce in India. Due to these firms, India is one of the fastest growing eCommerce markets in Asia/Pacific with China investing as much.

Many analysts believe that the advent of 3G/4G speed in net connectivity has been a major cog in the wheel for such a growth in this market.

As India has been the heart of the e-commerce market with the tremendous growth. This ensures that any e-commerce venture would soon be the best business in India, as far as profits and growth are concerned.

## CHAPTER 2 – Software Requirement Specification

### 2.1 Functional Requirements Specification

A functional requirement document defines the functionality of a system or one of its subsystems. It also depends upon the type of software, expected users and the type of system where the software is used. The functional user requirements may be high level statements of the system should do but functional system requirements should also describe clearly about the system services in detail.

**Admin Page:** In this page, we can do the following:

- Admin can add item to the stock.
- Admin can Update Item from the stock.
- Admin can delete item from the stock

**User Login Page:** In this page, we can do the following:

- Registered user can Login to their account.
- New User can create account.

**Cart Page:** In this page, we can do the following:

- User can view the items in the cart.
- User can make purchase.

**Feedback page:** In this page user can give their feedback.

## 2.2 Software Requirements Specification

**Operating System:** Windows 7 or higher

**Language:** HTML ,CSS ,PHP

**Database:** XAMPP

**IDE:** Visual Studio Code,Atom

## 2.3 Hardware Requirements Specification

**Installed Memory (RAM):** 2GB or higher

**Processor:** 1GHz or higher

**Hard disk Space:** 20 GB availability

**Display:** Standard output display

## CHAPTER 3 – SYSTEM DESIGN

### 3.1 ER Model

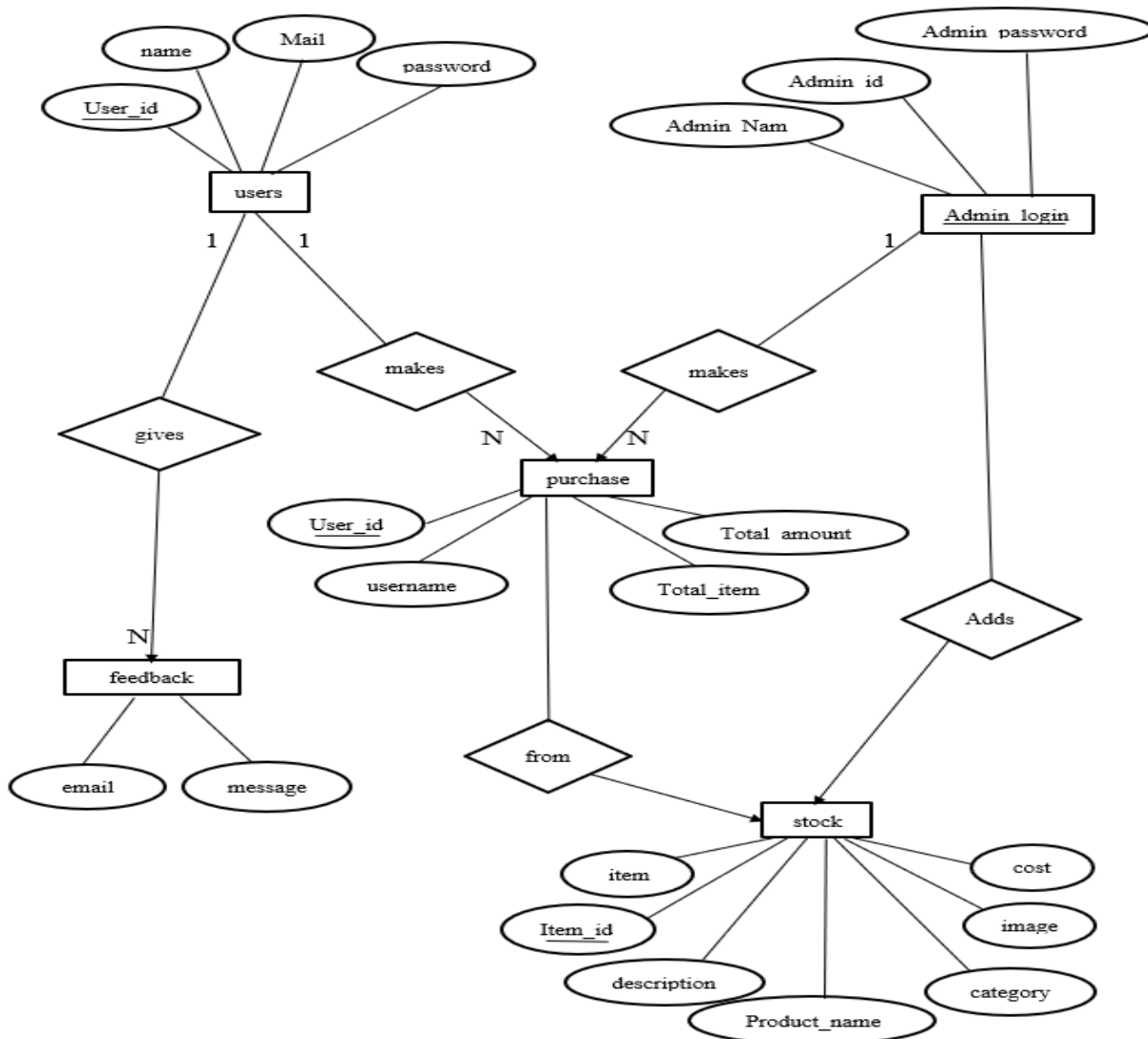


Fig 1: ER Diagram

## 3.2 Schema Diagram

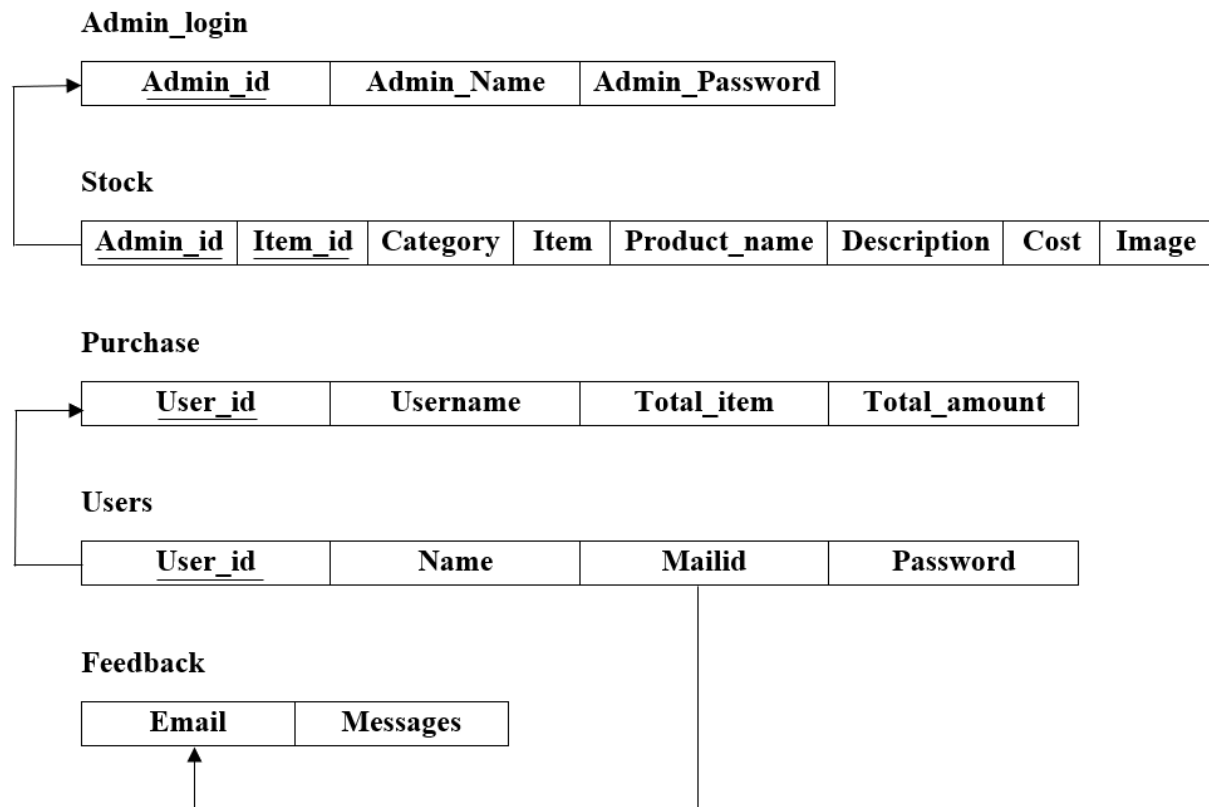


Fig 2: Schema Diagram

### 3.3 Table Description

**Table 1:Admin\_login**

Attributes	Data Type	Constraints	Description
ADMIN_ID	VARCHAR(200)	PRIMARY KEY	Unique ID of admin
ADMIN_NAME	VARCHAR(200)	NOT NULL	Name of admin
ADMIN_PASSWORD	VARCHAR(200)	NOT NULL	Password of admin

**Table 2: Feedback**

Attributes	Data Type	Constarints	Description
EMAIL	VARCHAR(200)	VARCHAR(200)	Email of user
MESSAGES	VARCHAR(200)	VARCHAR(200)	Message of user

**Table 3: Purchase**

Attributes	Data type	Constraints	Description
USER_ID	INT(200)	PRIMARY KEY	Unique ID of user
USERNAME	VARCHAR(200)	NOT NULL	Name of user
TOTAL_ITEMS	INT(200)	NOT NULL	Total items in cart
TOTAL_AMOUNT	INT(200)	NOT NULL	Total amount

**Table 4: Stock**

Attributes	Data type	Constraints	Description
ITEM_ID	INT(200)	PRIMARY KEY	Unique ID of item
CATEGORY	VARCHAR(200)	NOT NULL	Category-Men, Women, Kids
ITEM	VARCHAR(200)	NOT NULL	Item
PRODUCT_NAME	VARCHAR(200)	NOT NULL	Name of the item
DESCRIPTION	VARCHAR(200)	NOT NULL	Description of item
COST	INT(200)	NOT NULL	Cost of the item
IMAGE	VARCHAR(200)	NOT NULL	Image of item
ADMIN_ID	VARCHAR(200)	NOT NULL	Unique id of admin

**Table 5: User**

Attributes	Data type	Constraints	Description
USER_ID	INT(128)	PRIMARY KEY	Unique ID of user
NAME	VARCHAR(128)	NOT NULL	Name of User
MAIL ID	VARCHAR(128)	NOT NULL	Mail id of user
PASSWORD	VARCHAR(128)	NOT NULL	Password of User

## CHAPTER 5 – SCREENSHOTS

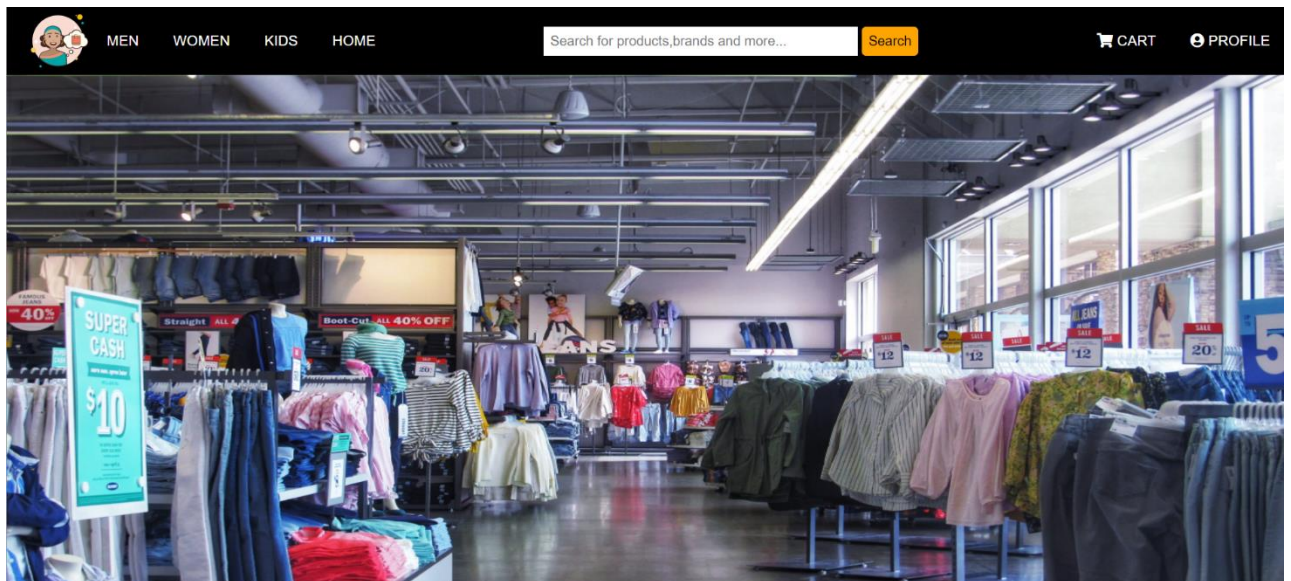


Fig 3: Main Interface

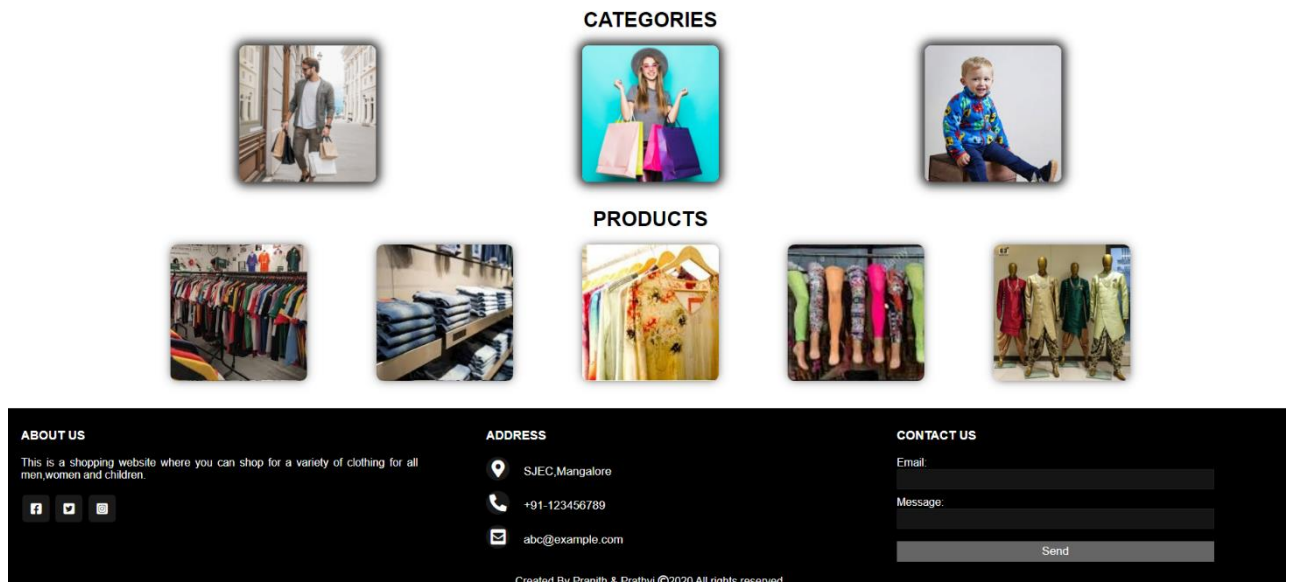
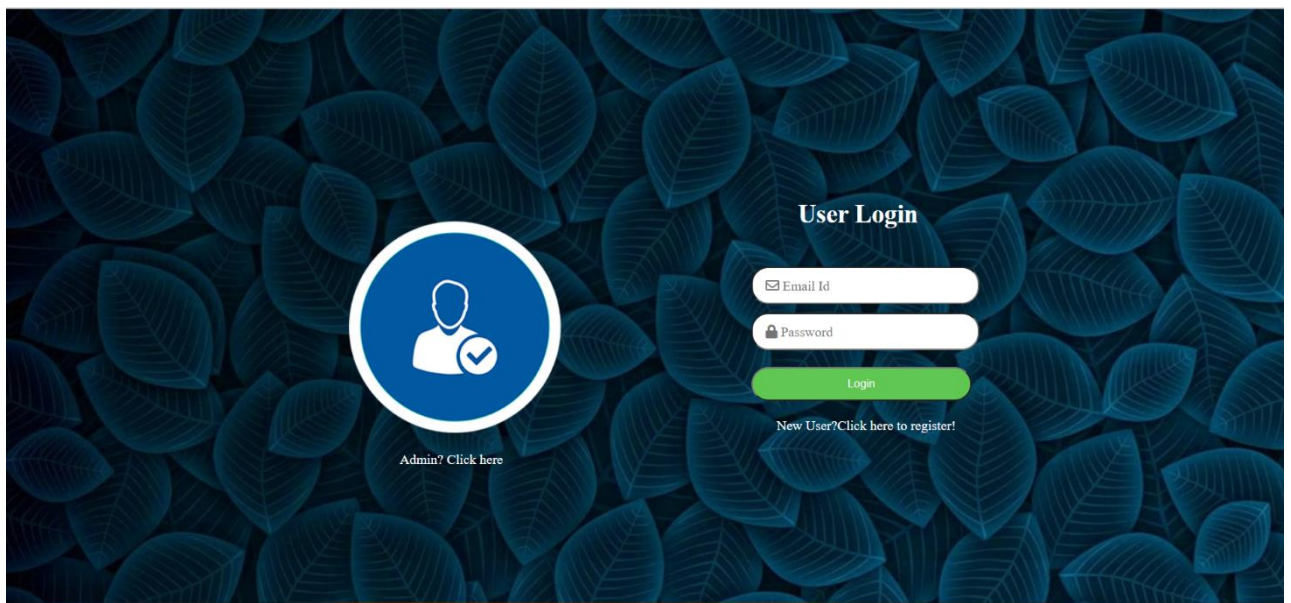
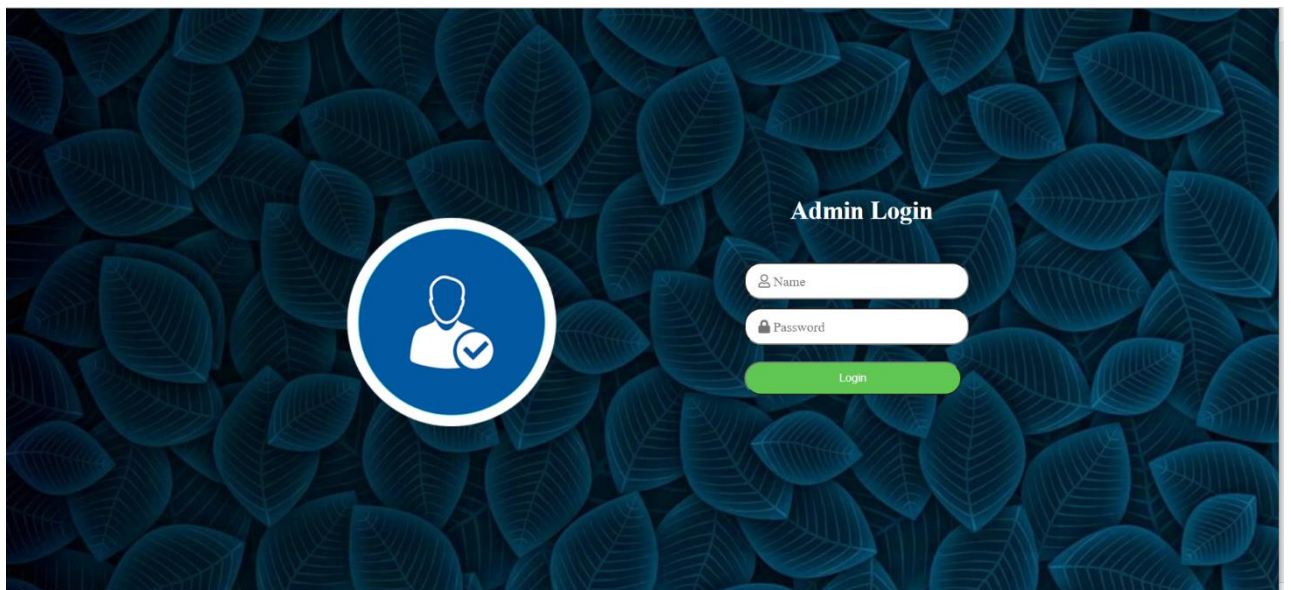


Fig 4: Main Interface

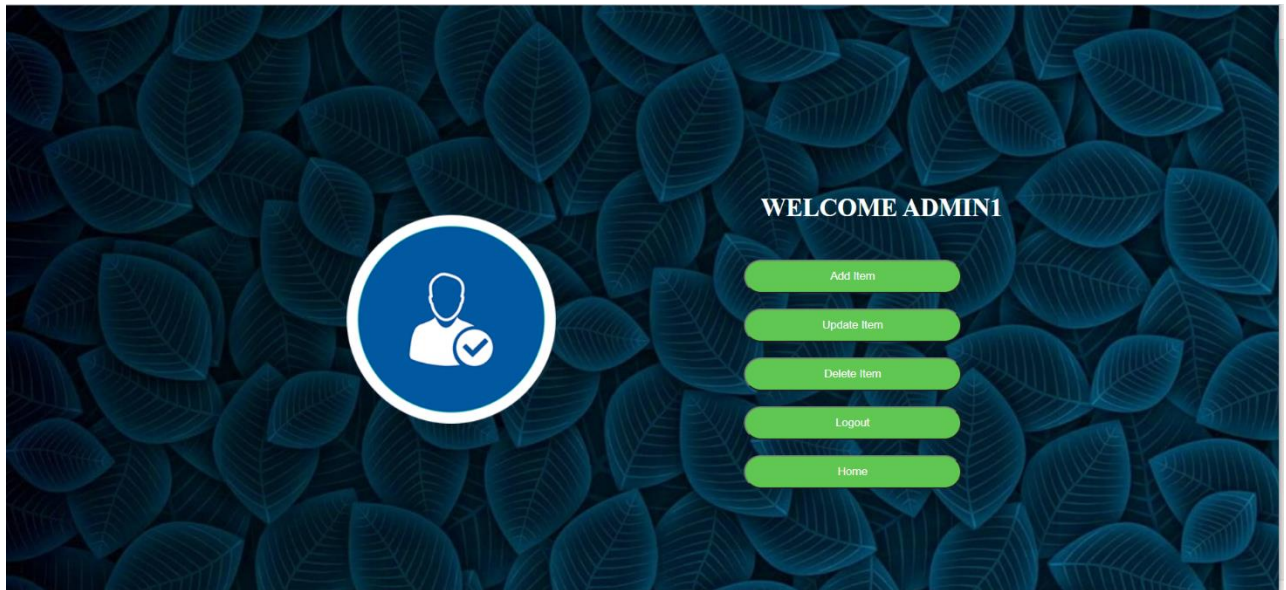




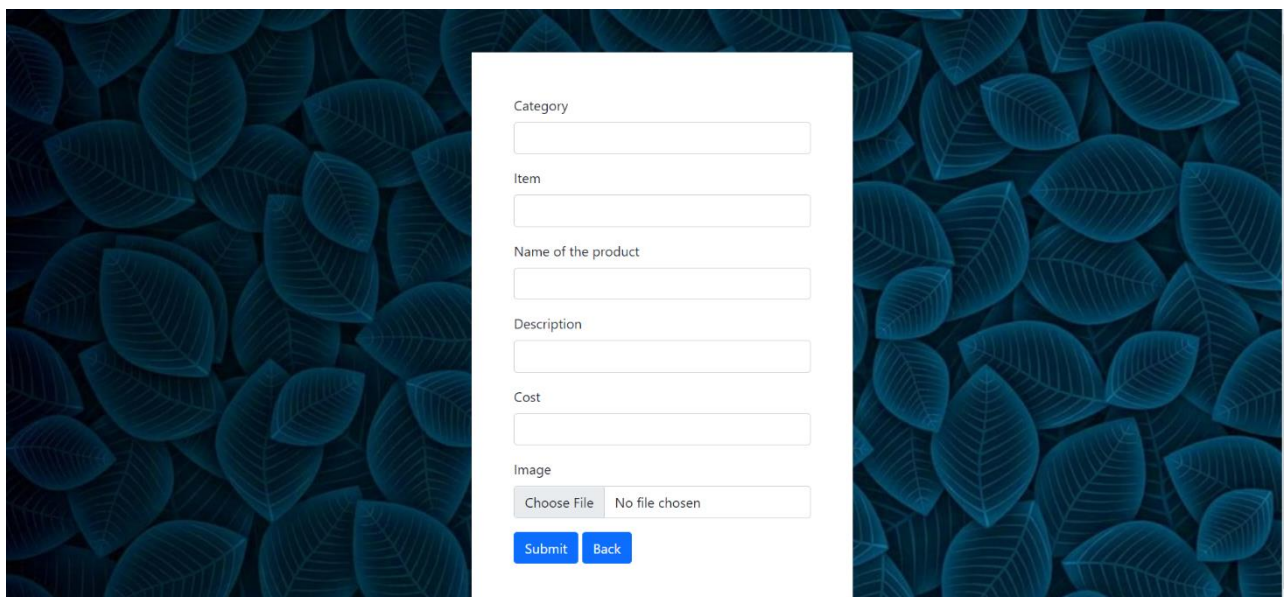
**Fig 5:User Login Page**



**Fig 6:Admin Login Page**



**Fig 7:Admin Login Functionalities**

The image shows a web form for adding a new item. The background is a dark blue pattern of stylized leaves. The form is a white rectangle with the following fields: "Category" (text input), "Item" (text input), "Name of the product" (text input), "Description" (text input), "Cost" (text input), and "Image" (file upload). The "Image" field has a "Choose File" button and a "No file chosen" text. At the bottom of the form, there are two blue buttons: "Submit" and "Back".

**Fig 8:Add Item**



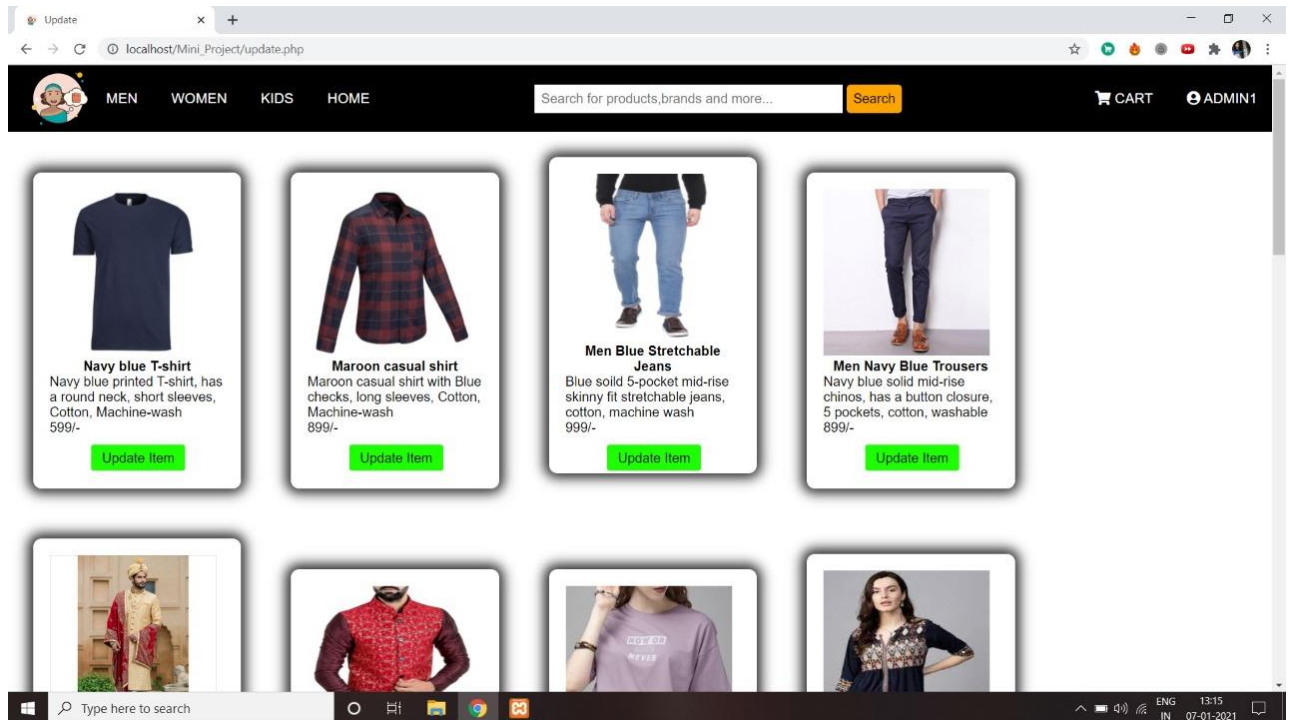


Fig 9: Update Item

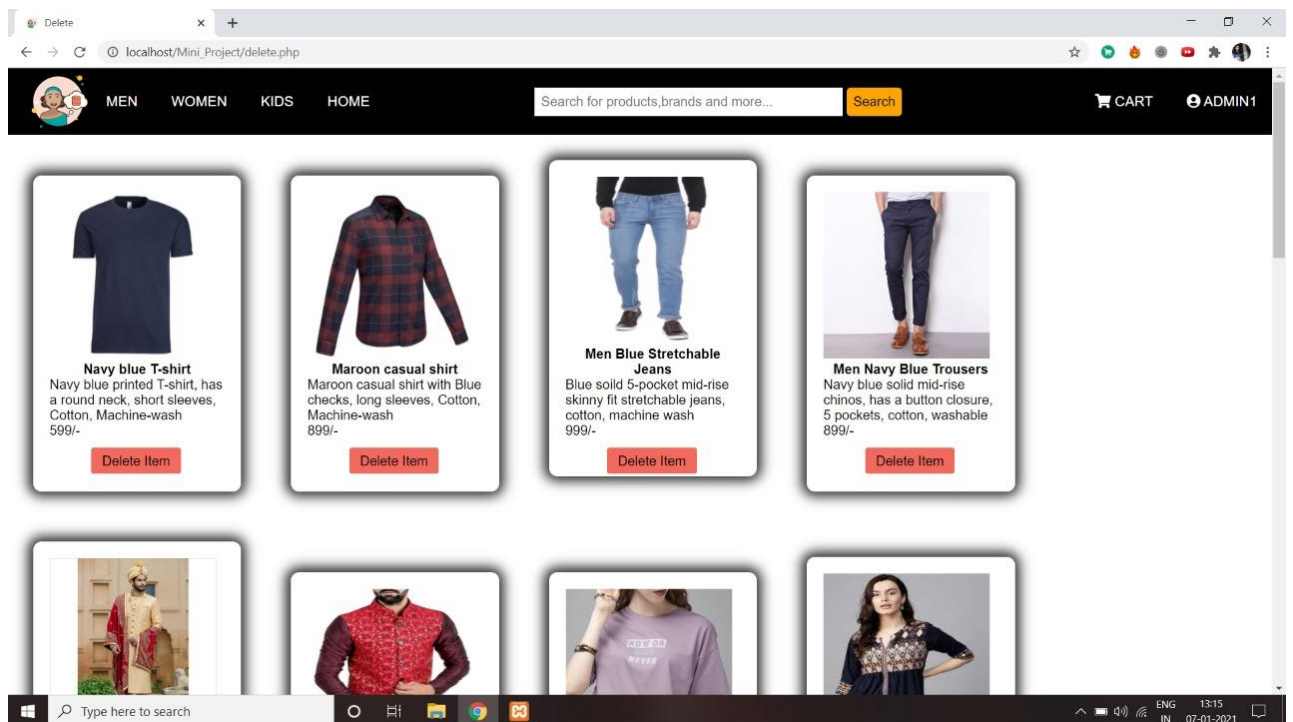


Fig 10: Delete Item

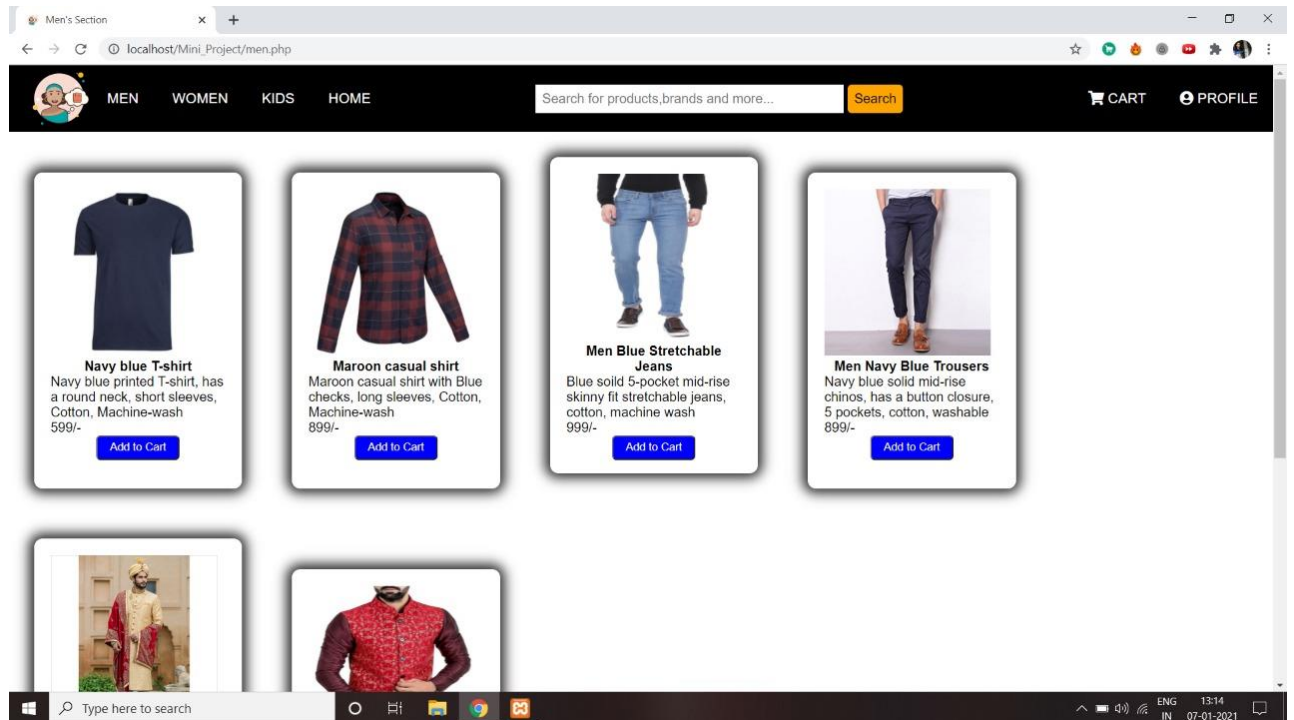


Fig 11: Mens wear page

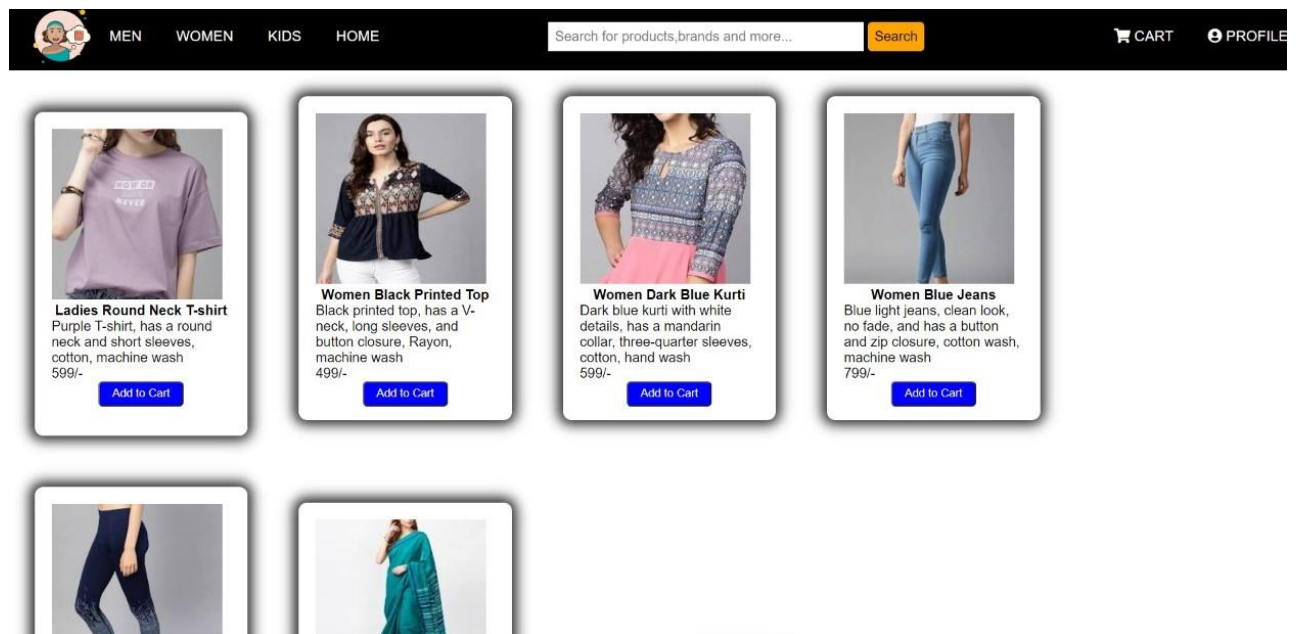


Fig 12: Womens wear page

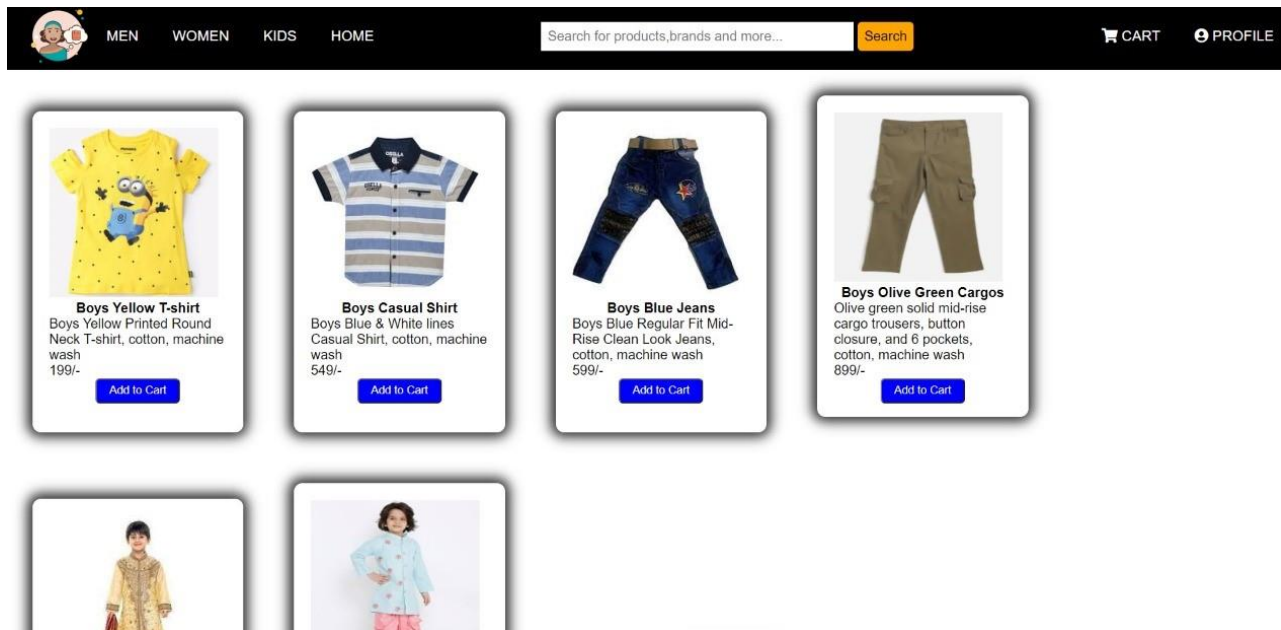


Fig 13: Kids wear page

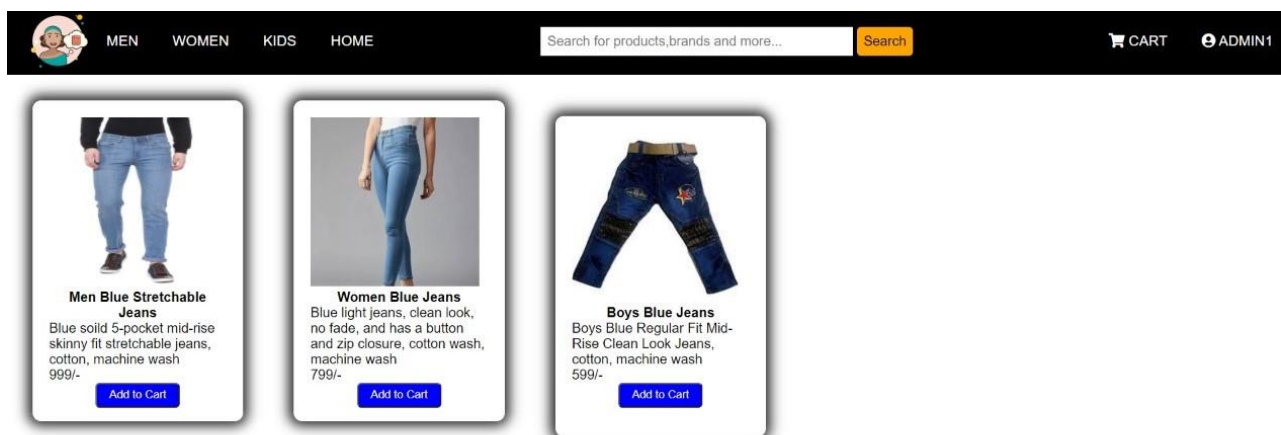


Fig 14: Search Bar

## **CHAPTER 6 – CONCLUSION & FUTURE SCOPE**

The Introduction, problem definition of the project has been completed successfully for Online Shopping System by maintaining all the details in efficient manner.

Technology has made significant progress over the years to provide consumers a better online shopping experience and will continue to do so for years to come. With the rapid growth of products and brands, people have speculated that online shopping will overtake in-store shopping. The availability of online shopping has produced a more educated consumer that can shop around with relative ease without having to spend a large amount of time. In exchange, online shopping has opened up doors to many small retailers that would never be in business if they had to incur the high cost of owning a brick and mortar store. At the end, it has been a win-win situation for both consumer and sellers.

## REFERENCES

1. Fundamentals of Database Systems, Ramez Elmasri and Shamkant B. Navathe, 7<sup>th</sup> Edition, 2017, Pearson
2. Database management system, Ramakrishnan, and Gehrke, 3<sup>rd</sup> Edition, 2014, McGraw Hill
3. Documentation of “Building Web Application in PHP” from University of Michigan.
4. Bootstrap: <https://getbootstrap.com/>
5. Stack overflow: <https://stackoverflow.com/>













