# RESHOP

*A*

*Project Report*
*Submitted in partial fulfilment of the*
*Requirements for the award of the Degree of*

**BACHELOR OF ENGINEERING**

IN

**INFORMATION TECHNOLOGY**

By

**D. Prajwal Reddy (1602-19-737-086)**

**B. Rahul (1602-19-737-087)**

**J. Pranavi (1602-19-737-184)**

*Under the guidance of*

Mrs. KeziaRani, Mrs. Haseeba Yaseen,

And Mr. Mukesh Tripathi, Professors


**Department of Information Technology**

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University) Ibrahimbagh,**

**Hyderabad-31**

**Department of Information Technology**


# DECLARATION BY THE CANDIDATES

We, **D. Prajwal Reddy, B. Rahul, J. Pranavi** bearing hall ticket numbers, **1602-19-737-086, 1602-19-737-087, 1602-19-737-184** hereby declare that the project report entitled "**ReShop**" under the guidance of Mrs. **KEZIA RANI**, Mrs. **HASEEBA YASEEN, Mr. MUKHESH TRIPATHI**, Department of Information Technology, Vasavi College of Engineering, Hyderabad, is submitted in partial fulfilment of the requirement of MINI PROJECT of V semester of **Bachelor of Engineering in Information Technology**.

This is a record of bonafide work carried out by us and the results embodied in this project report have not been submitted to any other university or institute for the award of any other degree or diploma.

**D. PRAJWAL REDDY (1602-19-737-086)**

**B. RAHUL (1602-19-737-087)**

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**Vasavi College of Engineering (Autonomous)**

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**Hyderabad-31**

**2020-2021**


## BONAFIDE CERTIFICATE

This is to certify that the project entitled "**ReShop – An E commerce Website**" being submitted by **D. Prajwal Reddy, B. Rahul, J. Pranavi** bearing hall ticket numbers 1602-19-737-084, 1602-19-737-087, 1602-19-737-184 respectively, in partial fulfilment of the requirements for the completion of MINI PROJECT of Bachelor of Engineering in Information Technology is a record of bona fide work carried out by them under guidance.

Mrs. Kezia Rani

Mrs. Haseeba Yaseen

Mr. Mukesh Tripathi

Professors.

# PREFACE

The report has been made in fulfillment of the requirement for the subject: Mini Project, in the theme of Web Application Development, under the supervision of Dr. B. Kezia Rani. The Learning and Implementation of Web development has been learnt through various resources. The Project aims at creating an e-commerce website

# ACKNOWLEDGEMENT

This Project would not have been possible without the guidance from our respected teachers and the workshop with seniors. The Gratitude that accompanies with the successful completion of the project is all due to them. We would like to extend our sincere thanks to all of them. We would like to take the opportunity to express our humble gratitude to Ms. Kezia Rani(Assistant Professor) under whom we commenced and executed this project.

We would also like to thank all faculty members and staff of the Department of Information Technology for their generous help in various ways for the completion of this project. Special Mentions to Mrs. Hase Yaseen for being patient and encouraging. Also Thanks to Mr. Mukhesh Tripathi, Professor and Dr. K Ram Mohan Rao, HOD, IT

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# ABSTRACT

The projects aspire to create a web application that brings existence to a platform that would facilitate users to purchase or rent exquisite outfits from other users. With Fast Fashion these days, youth tend to buy many clothes and may wear them just for once or twice. All these “Minimal Used Outfits” would just lie in closets or thrown out, even if they were expensive. India Produces 1 million ton of such household textile waste, ending up in landfills. We aim to create a network where someone’s minimal used outfits could become beneficial for users in need, buying them at cheaper price or renting for a few days. Most of the existing online shopping websites act as intermediator between ‘manufacturers’ and ‘customers’, where as we act as intermediator between clients as such that anyone can sell their outfits and anyone can buy them, benefitting both parties where seller could earn from forsaken clothes and buyer could bypass spending huge amounts for temporarily needed clothes. Reshop is also a sustainable, environment friendly application addressing societal problems such as fast fashion, landfills etc.

# CHAPTER 1
## TITLE AND DESCRIPTION: -

"**ReShop**" is a web-based e-commerce application where any user can act a seller or a buyer. . Here, a seller can sell his/her old exquisite clothes as per the prices he/she decides. A Buyer can look out for the clothes he/she needs at cheaper prices. Both types need to register and then login with us. Once they login, a seller can also access catalogue to buy clothes and an additional option to upload his/her product. The Buyer where as can just buy clothes and enter transaction details.

### 1.1 Motivation:

These are the days of fast fashion where clothes that are bought once are not worn more than thrice or so. They lay useless in cupboards or thrown away creating textile waste that takes up landfill causing environmental hazards. Hence Our Project Provides platform for everyone to re-sell old clothes or for needy to buy at cheaper prices.

# CHAPTER 2

# SOFTWARE REQUIREMENT SPECIFICATIONS:

## 2.1 Introduction

### *2.1.1 Description of Problem Statement:*

Home-made Textile Waste management is still a hazardous problem that has been ignored and untackled since ages. India Produces 1 million ton of such household textile waste, ending up in landfills. Reshop is a sustainable, environment friendly web application addressing societal problems such as fast fashion, landfills etc.

### *2.1.2 Scope:*

The Scope for this project lies in bringing platform to many people who own abundant quantity of minimal used redundant clothes. This also serves to people who are interested in buying clothes at cheaper prices just for occasions

or daily usage. This is a practical web application that could find purpose in real time as well since it serves a need to many fashion interested youth.

### *2.1.3 Definitions, Acronyms and Abbreviations:*

PHP – Hypertext Preprocessor.

HTML- Hyper Text Markup Language

CSS - Cascading Style Sheets

JS-JavaScript

### *2.1.4* Overview:

This document includes a brief description of our project. This chapter provides the requirements specification in detailed terms and a description of the different system interfaces. Description of the modules are also included.

The third chapter provides information about the work related to our project with examples.

The fourth chapter has the information of the technologies used and UML diagrams.

The fifth chapter includes implementation part with the coding part

The sixth chapter is included with the result screenshots of our project.

## 2.2 General description

### *2.2.1 Product Perspective:*

This system is a web application which will be used to find clothes and buy them.

This application needs the details of the user's name ,phone number, email-id, address for registration.

This application needs details of type of product , price and picture to upload a product.

All these details are needed to be stored in various tables in a database. The web application will use the database to get data and also to modify the data . But, the modifications of the data are restricted to be done by an admin. All the database communication will go over the Internet.

### *2.2.2 Product Functions:*

With the web application, the user who registered as a seller will be able to upload any number of products that would be directly added to the catalogue in the website. Also the user who is registered as a buyer could be able to browse through the whole catalogue and buy what he/she liked. The Seller can also buy clothes that are present in the catalogue. The admin can manage the database i.e., add or delete users or products and their information etc.

### ***2.2.3** User Characteristics**:***

There are users that interact with this system: users – seller, buyer and admin.

**Users – Seller and Buyer :**

Users have to register into the website as a seller or a buyer Or can login if account already exists.

In the ReShop Catalogue, the buyer can search for required clothes.

He/She can look at the respective profiles.

A Seller has additional Option to upload product.

**Admin/Administrator:**

The admin has to go to phpmyadmin website.

The admin can look at the database and various tables.

The admin can look at the users, products, reviews.

Has access to database and makes necessary modifications as requested by the user or based on his/her needs.

Checks for proper working of the web application.

## **2.3** Modules description:

**Registration Module:** This module will help the user to register to the website.

**Login Module:** The users can login to the website as a seller or buyer once they have successfully registered.

**My Cart :** Contains the clothes that are added to be bought.

**ReShop Catalogue :** All the clothes that are available on the website to buy.

**My Profile:** Contains Your Profile Information and also the option to upload your product for seller .

**Review Module:** To give feedback of the products bought.

**Trasaction Module :** To give details of whom and where to deliver the product bought.

## 2.4 System Requirements

### *2.4.1 Hardware Requirements:*

Computers with 1 GB RAM is required.

A Computer with an internet connection and any internet browser is required for the client to run the web application.

### *2.4.2 Software Requirement Specifications:*

XAMPP :

XAMPP is a free and open-source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl programming languages.

**Interpreter:**

Visual Studio code: It features a lightning-fast source code editor, perfect for day to day use with support of hundreds of languages. It also helps to be instantly productive with syntax highlighting, bracket-matching, auto-indentation, box-section, snippets etc.

## 2.5 Design Constraints:

**Software Constraints:** User can run the application either on LINUX or Windows with an internet connection and any internet browser.

**Hardware Constraints:** This system will run on a core processor with minimum of 1GB RAM.

**Acceptance criteria:** Before accepting, the developer must check whether the application is running properly or not and should also check whether the data is correctly sorted or not.

# CHAPTER 3

## SYSTEM DESIGN

### 3.1 Architecture and Technologies:

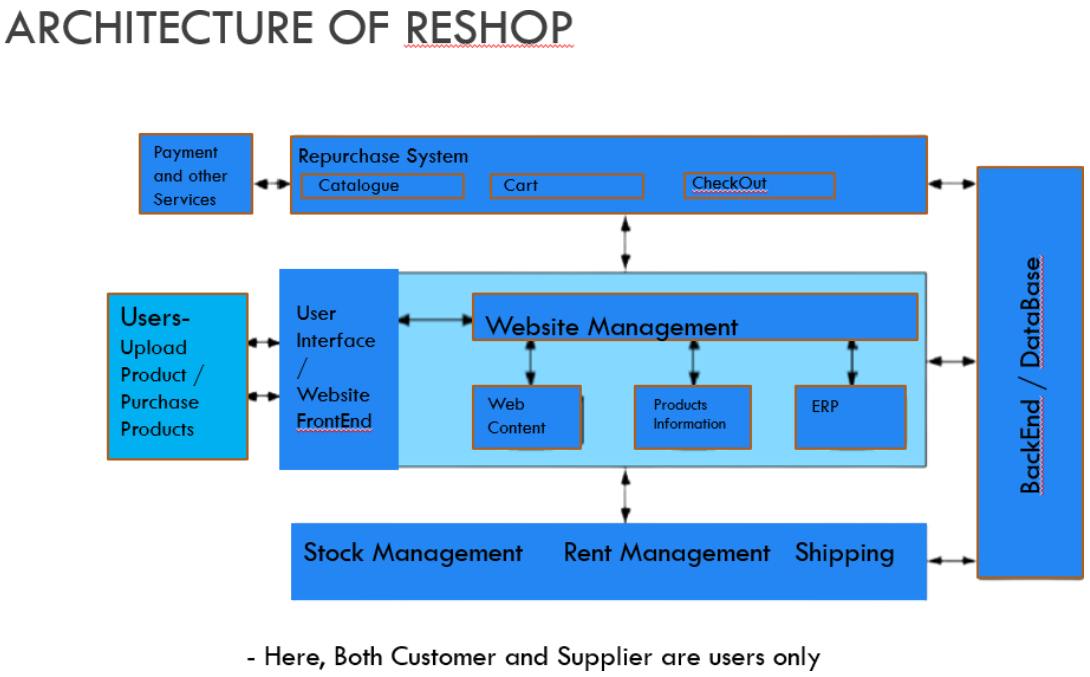
**TECHNOLOGIES**

**Front-end:**

1. PHP (HTML embedded)
2. CSS
3. JavaScript
4. Bootstrap

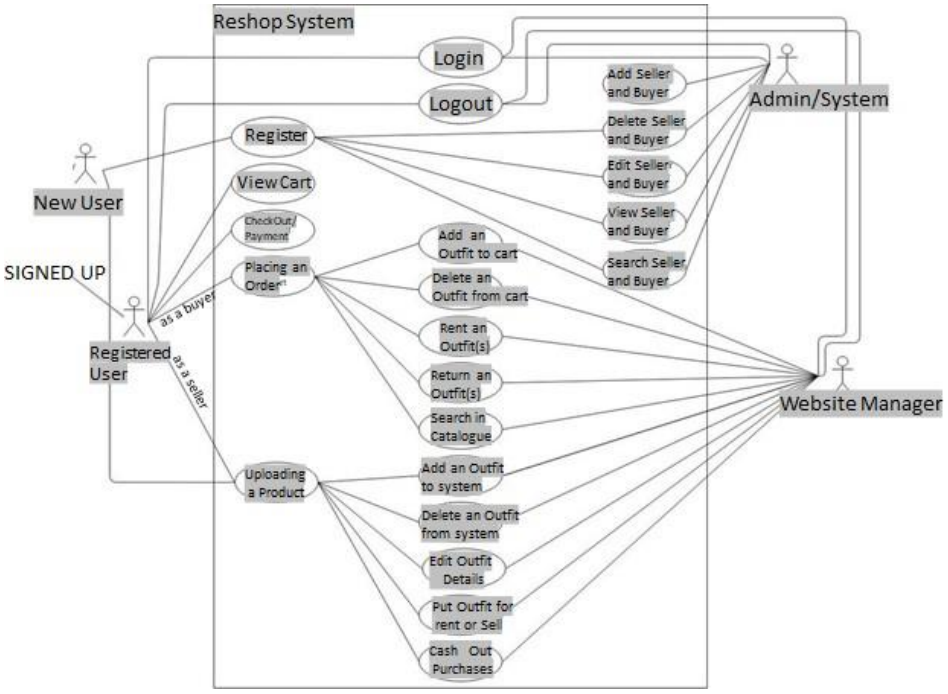
**Back-end:**

MySql and Apache HTTP server from XAMPP

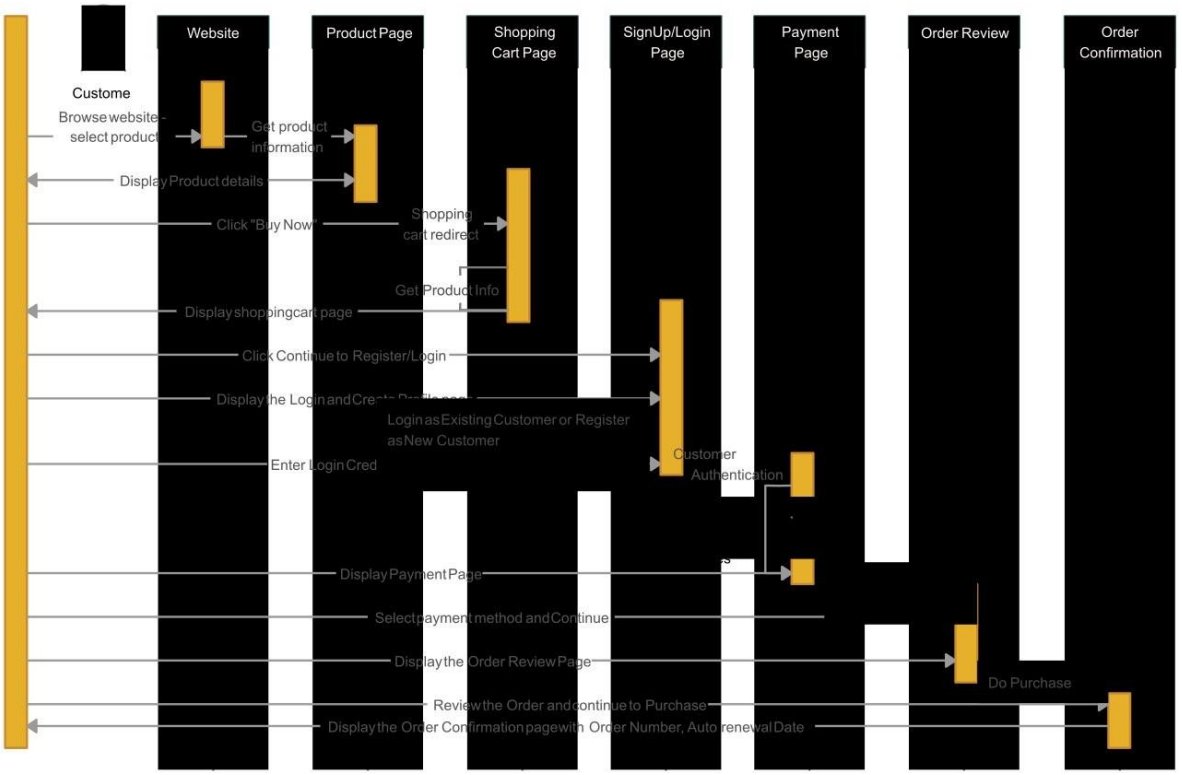



## 3.2 UML Diagrams:

## USE CASE DIAGRAM:



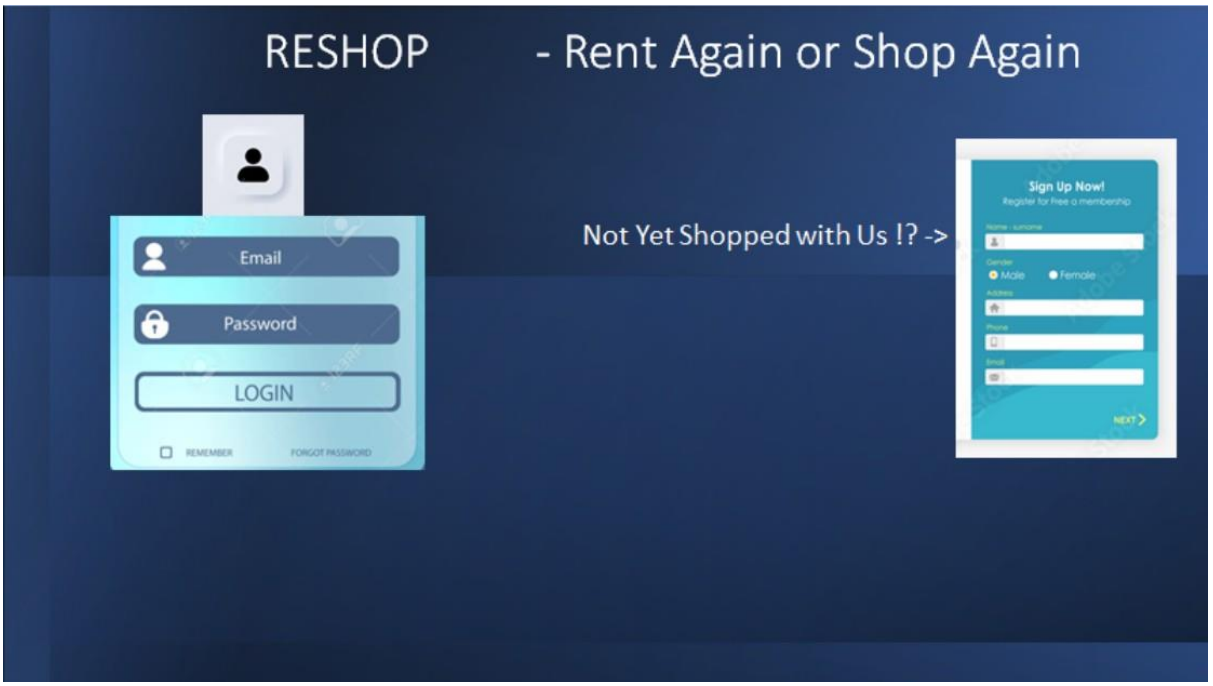

## SEQUENCE DIAGRAM:



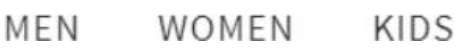
# CHAPTER 4

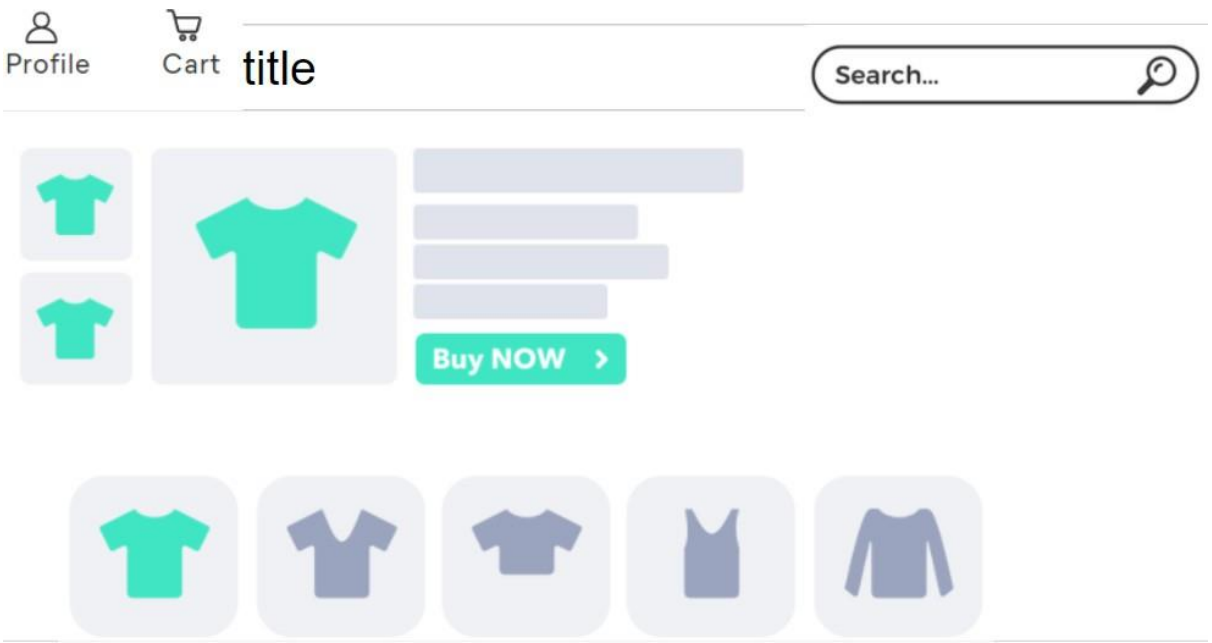
## IMPLEMENTATION CODE

### 4.1 SYSTEM ARCHITECTURE(DESIGN)



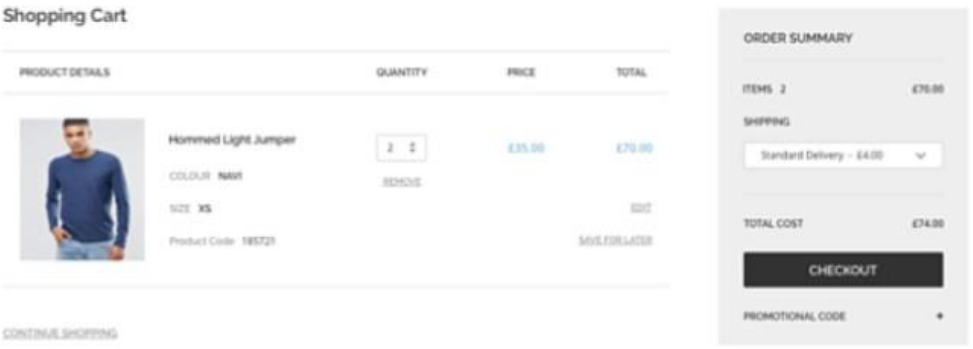


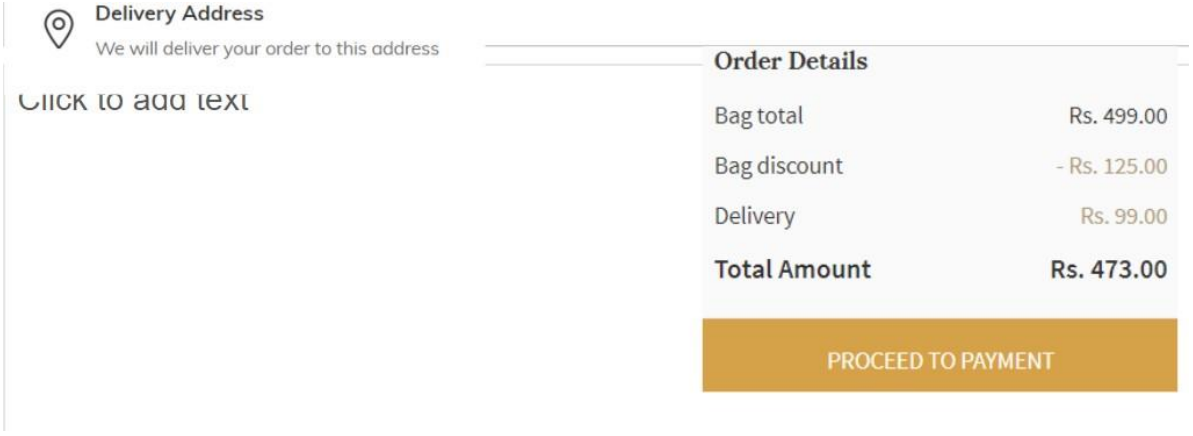





# Upload Your Product

Click to add text


Shopping Cart
PRODUCT DETAILS
QUANTITY
PRICE
TOTAL
Hommed Light Jumper
COLOUR Navi
SIZE XS
Product Code 185721
REMOVE
EDIT
SAVE FOR LATER
CONTINUE SHOPPING
ORDER SUMMARY
ITEMS 2
£70.00
SHIPPING
Standard Delivery - £4.00
TOTAL COST
£74.00
CHECKOUT
PROMOTIONAL CODE


Delivery Address
We will deliver your order to this address
Click to add text
Order Details
Bag total
Rs. 499.00
Bag discount
- Rs. 125.00
Delivery
Rs. 99.00
Total Amount
Rs. 473.00
PROCEED TO PAYMENT

## 4.2 IMPLEMENTATION AND CODE

CODE FOR UPLOAD PRODUCT

```
<?php
        session_start();
        require 'db.php';

   if ($_SERVER["REQUEST_METHOD"] == "POST")
   {
                $productType = $_POST['type'];
                $productName = dataFilter($_POST['pname']);
                $productInfo = $_POST['pinfo'];
                $productPrice = dataFilter($_POST['price']);
                $fid = $_SESSION['id'];

                $sql = "INSERT INTO fproduct (fid, product, pcat, pinfo, price)
                        VALUES ('$fid', '$productName', '$productType', '$productInfo',
'$productPrice')";
                $result = mysqli_query($conn, $sql);
                if(!$result)
                {
                        $_SESSION['message'] = "Unable to upload Product !!!";
                        header("Location: Login/error.php");
                }
                else {
                        $_SESSION['message'] = "successfull !!!";
                }

                $pic = $_FILES['productPic'];
                $picName = $pic['name'];
                $picTmpName = $pic['tmp_name'];
                $picSize = $pic['size'];
                $picError = $pic['error'];
                $picType = $pic['type'];
                $picExt = explode('.', $picName);
                $picActualExt = strtolower(end($picExt));
                $allowed = array('jpg','jpeg','png');

                if(in_array($picActualExt, $allowed))
                {
                        if($picError === 0)
```

```
                        {
                                $_SESSION['productPicId'] = $_SESSION['id'];
                                $picNameNew =
$productName.$_SESSION['productPicId']."".$picActualExt ;
                                $_SESSION['productPicName'] = $picNameNew;
                                $_SESSION['productPicExt'] = $picActualExt;
                                $picDestination = "images/productImages/".$picNameNew;
                                move_uploaded_file($picTmpName, $picDestination);
                                $id = $_SESSION['id'];

                                $sql = "UPDATE fproduct SET picStatus=1, pimage='$picNameNew'
WHERE product='$productName';";

                                $result = mysqli_query($conn, $sql);
                                if($result)
                                {

                                        $_SESSION['message'] = "Product Image Uploaded
successfully !!!";
                                        header("Location: market.php");
                                }
                                else
                                {
                                        //die("bad");
                                        $_SESSION['message'] = "There was an error in uploading your
product Image! Please Try again!";
                                        header("Location: Login/error.php");
                                }
                        }
                        else
                        {
                                $_SESSION['message'] = "There was an error in uploading your product
image! Please Try again!";
                                header("Location: Login/error.php");
                        }
                }
                else
                {
                        $_SESSION['message'] = "You cannot upload files with this extension!!!";
                        header("Location: Login/error.php");
                }
        }

        function dataFilter($data)
        {
           $data = trim($data);
           $data = stripslashes($data);
           $data = htmlspecialchars($data);
           return $data;
        }
?>


<!DOCTYPE html>
```

```
<html lang="en">
	<head>
		<meta charset="UTF-8">
		<title>ReShop</title>
		<meta http-equiv="content-type" content="text/html; charset=utf-8" />
		<meta name="description" content="" />
		<meta name="keywords" content="" />
		<link href="bootstrap\css\bootstrap.min.css" rel="stylesheet">
		<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></script>
    <script src="bootstrap\js\bootstrap.min.js"></script>
		<!--[if lte IE 8]><script src="css/ie/html5shiv.js"></script><![endif]-->
		<link rel="stylesheet" href="login.css"/>
		<link rel="stylesheet" type="text/css" href="indexFooter.css">
		<script src="js/jquery.min.js"></script>
		<script src="js/skel.min.js"></script>
		<script src="js/skel-layers.min.js"></script>
		<script src="js/init.js"></script>
		<noscript>
			<link rel="stylesheet" href="css/skel.css" />
			<link rel="stylesheet" href="css/style.css" />
			<link rel="stylesheet" href="css/style-xlarge.css" />
		</noscript>
		<script src="https://cdn.ckeditor.com/4.8.0/full/ckeditor.js"></script>
		<!--[if lte IE 8]><link rel="stylesheet" href="css/ie/v8.css" /><![endif]-->
	</head>
	<body>

		<?php require 'menu.php'; ?>

		<!-- One -->

			<section id="one" class="wrapper style1 align-center">
				<div class="container">
					<form method="POST" action="uploadProduct.php"
enctype="multipart/form-data">
						<h2>Enter the Product Information here..!!</h2>
						<br>
				<center>
					<input type="file" name="productPic"></input>
					<br />
				</center>
				<div class="row">
					<div class="col-sm-6">
						<div class="select-wrapper" style="width: auto" >
							<select name="type" id="type" required
style="background-color:white;color: black;">
								<option value="" style="color:
black;">- Category -</option>
								<option value="Men" style="color:
black;">Men</option>
								<option value="Women"
style="color: black;">Women</option>
								<option value="Kids" style="color:
black;">Kids</option>
```

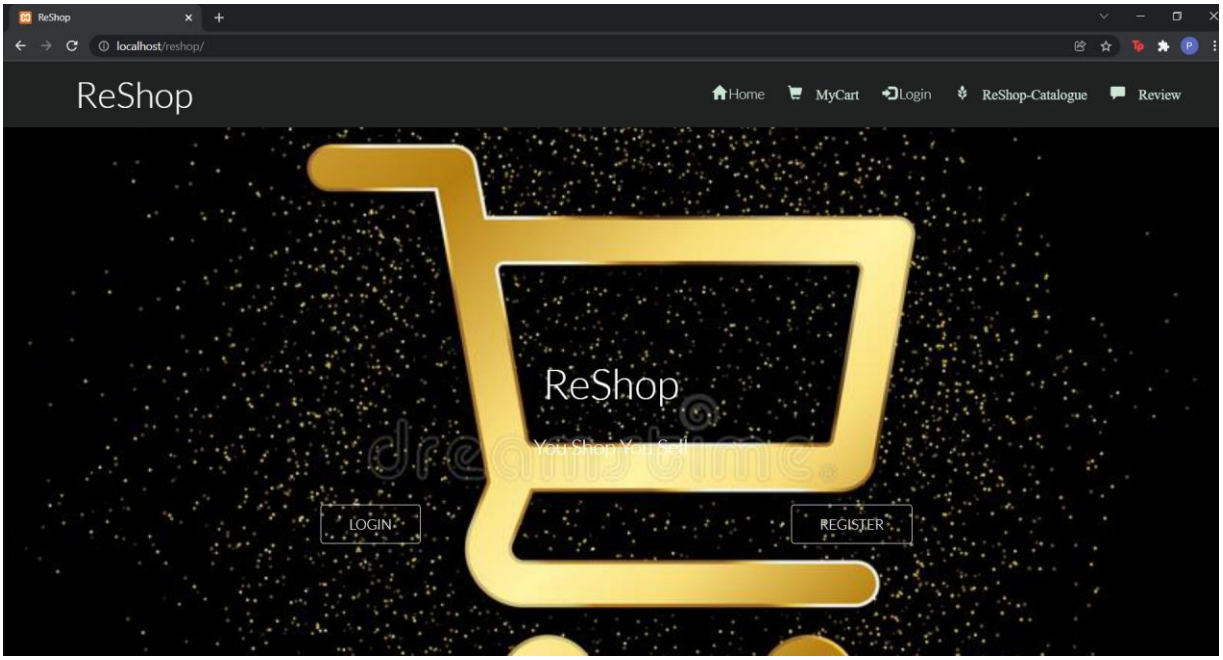
```
                                                    </select>
                                                </div>
                                            </div>
                                            <div class="col-sm-6">
                                                <input type="text" name="pname" id="pname"
value="" placeholder="Product Name" style="background-color:white;color: black;" />
                                            </div>
                                        </div>
                                        <br>
                                        <div>
                                            <textarea name="pinfo" id="pinfo" rows="12"></textarea>
                                        </div>
                                    <br>
                                    <div class="row">
                                        <div class="col-sm-6">
                                            <input type="text" name="price" id="price" value=""
placeholder="Price" style="background-color:white;color: black;" />
                                        </div>
                                        <div class="col-sm-6">
                                            <button class="button fit" style="width:auto;
color:black;">Submit</button>
                                        </div>
                                    </div>
                                    </form>
                            </div>
                    </section>

                            <script>
                                CKEDITOR.replace( 'pinfo' );
                            </script>
                    </body>
</html>
```

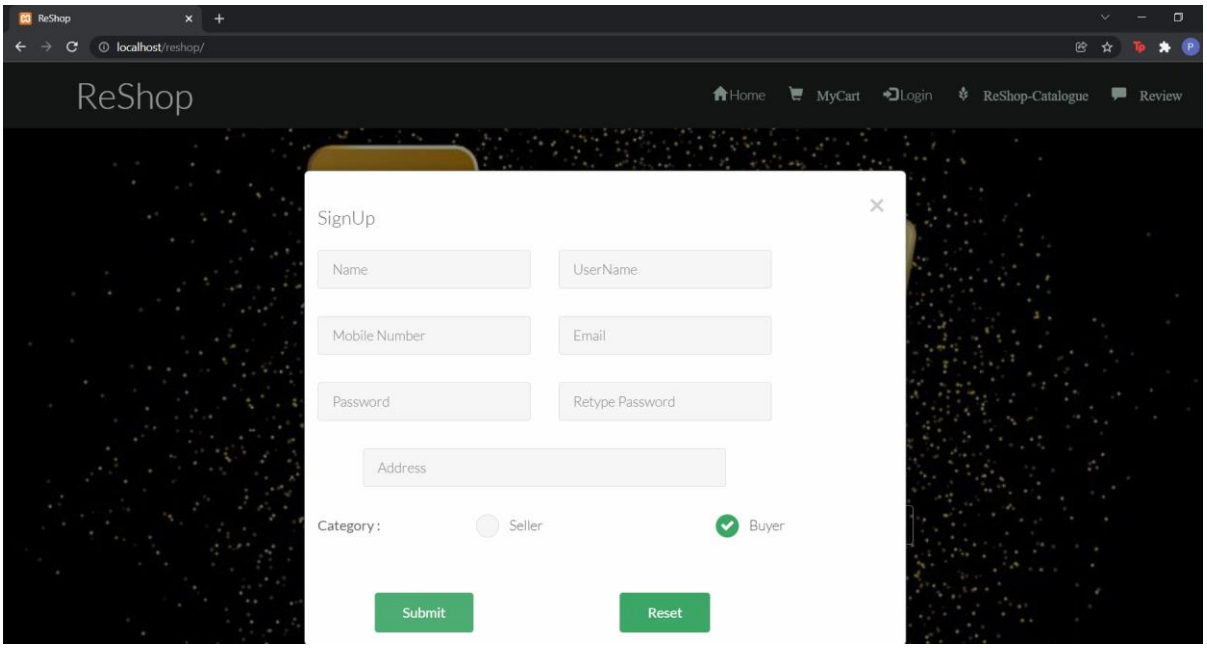
CHAPTER 5

RESULTS :

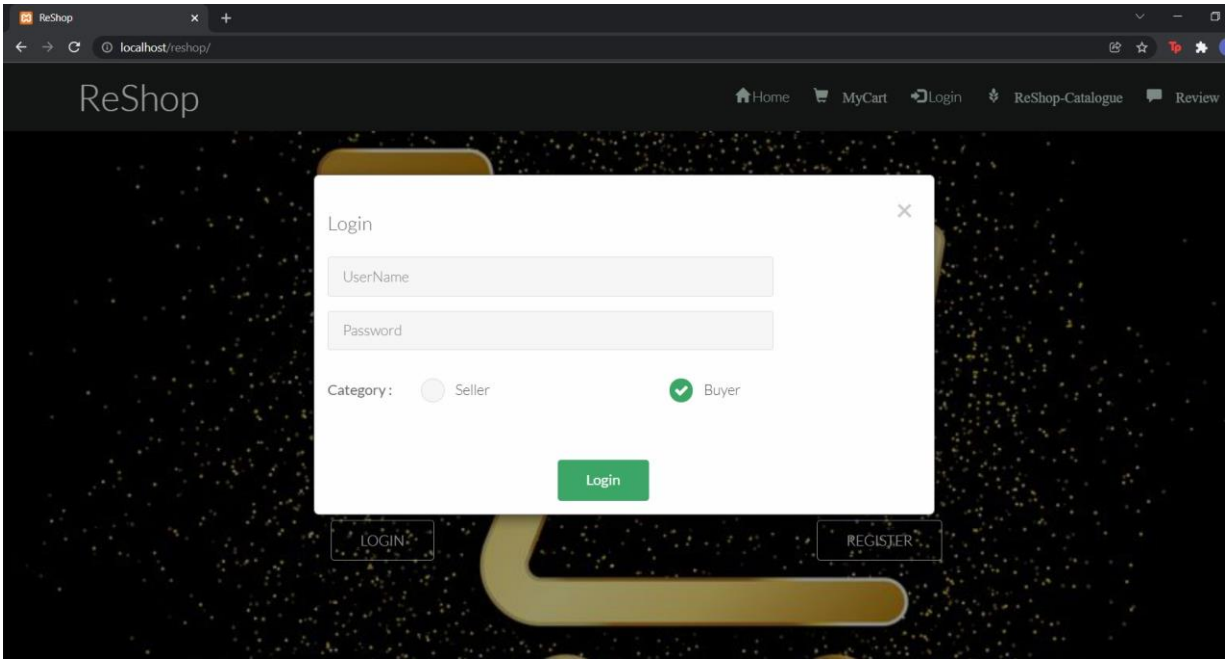
HOME PAGE



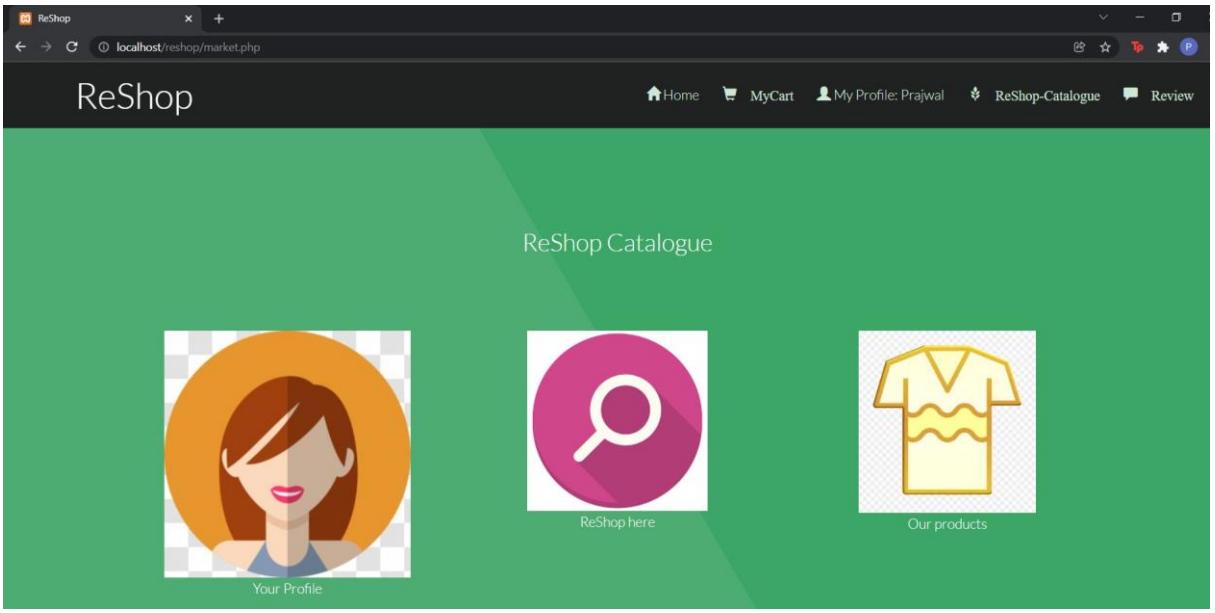

REGISTER PAGE



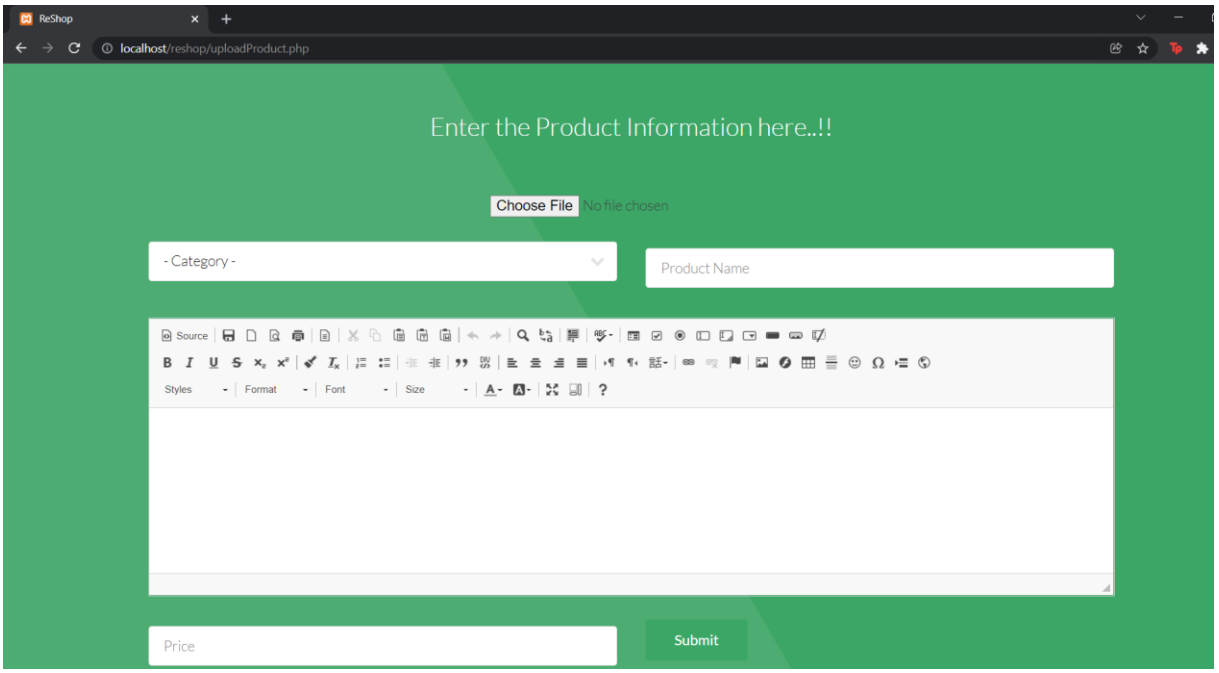

LOGIN PAGE



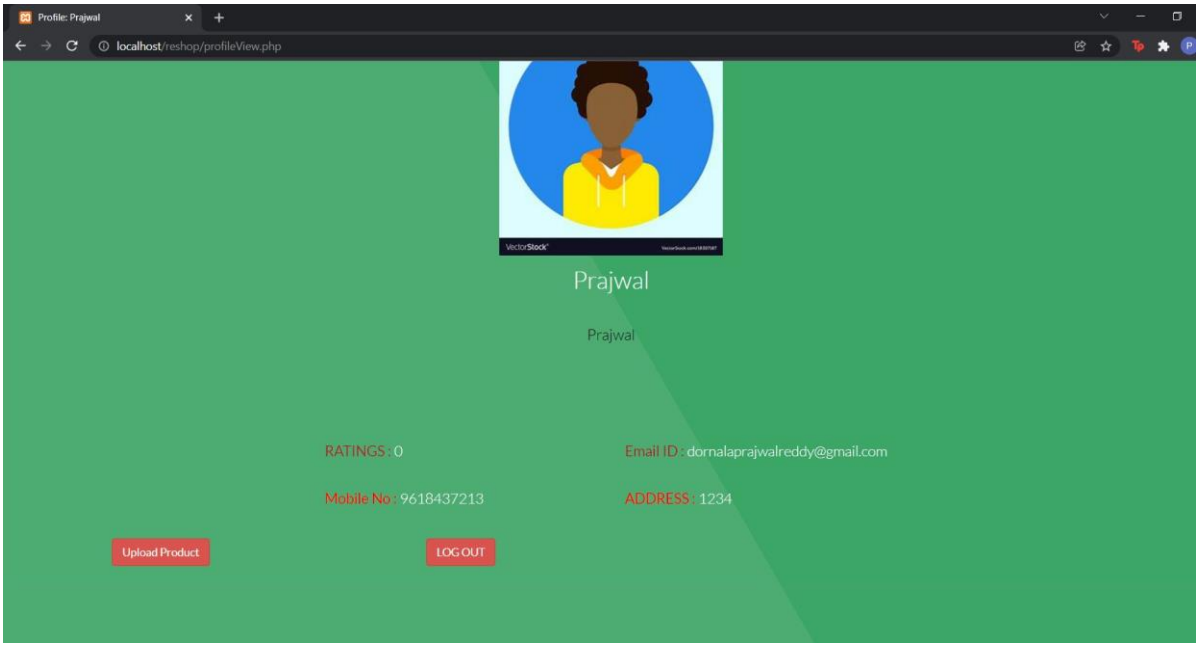

RESHOP CATALOGUE PHP



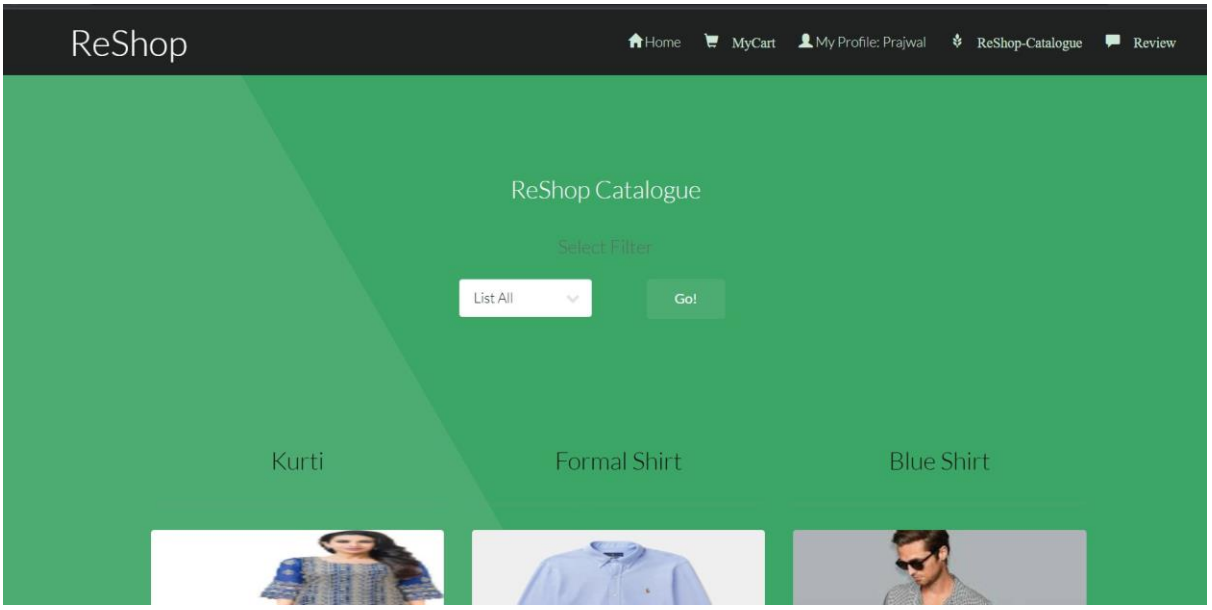

UPLOAD PRODUCT PHP



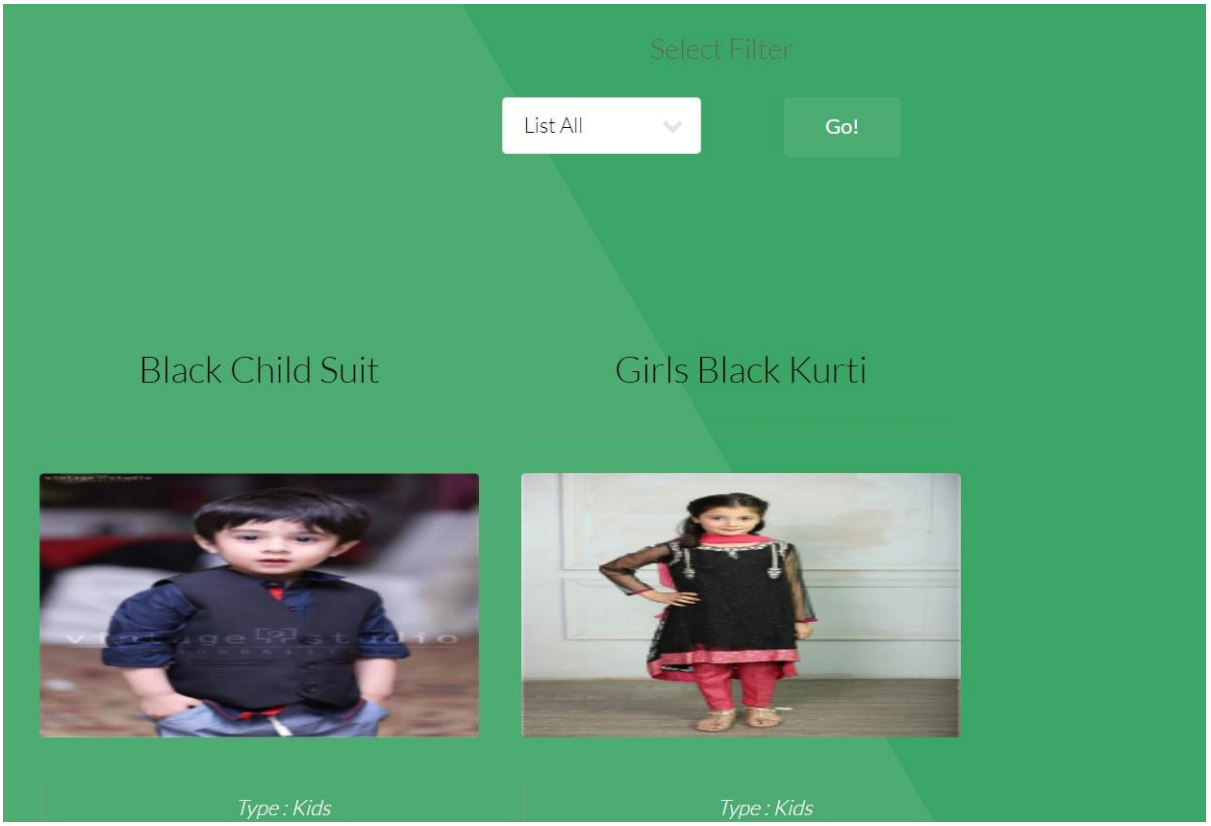

MY PROFILE PHP




PRODUCT MENU PHP

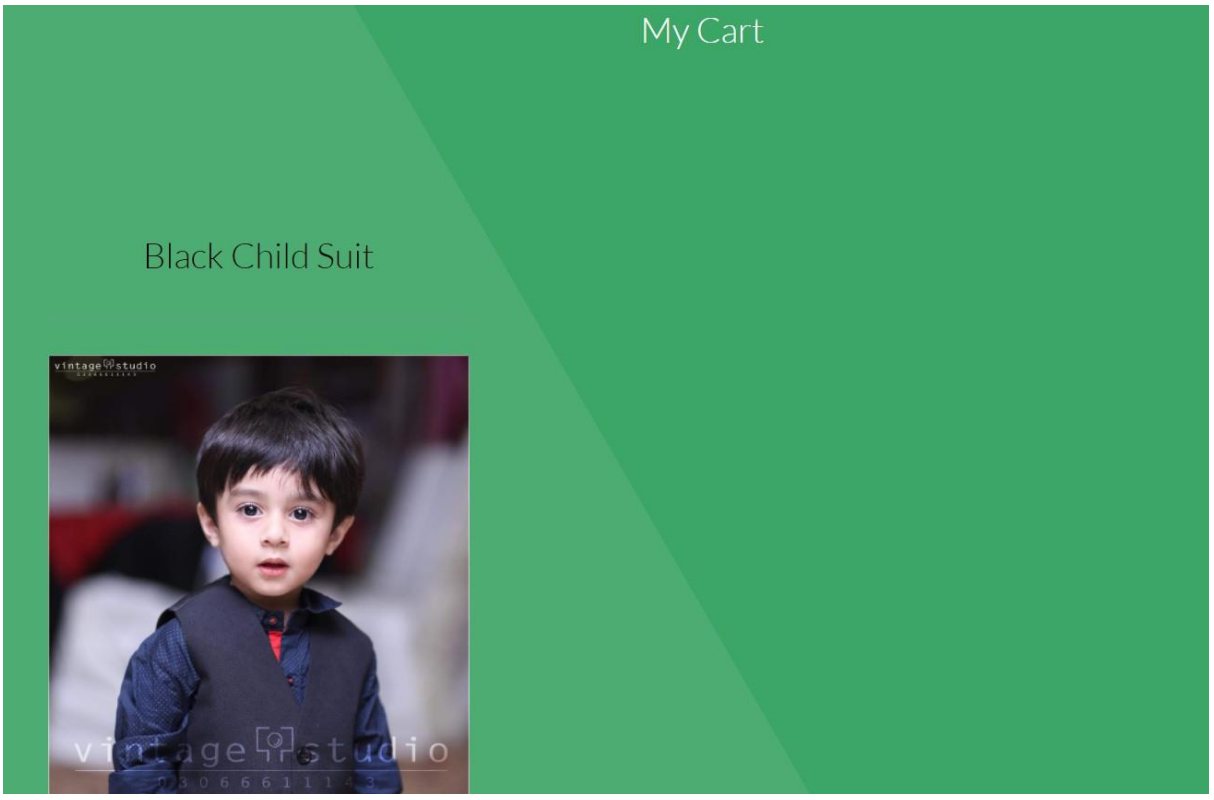



PRODCUT SEACH PHP

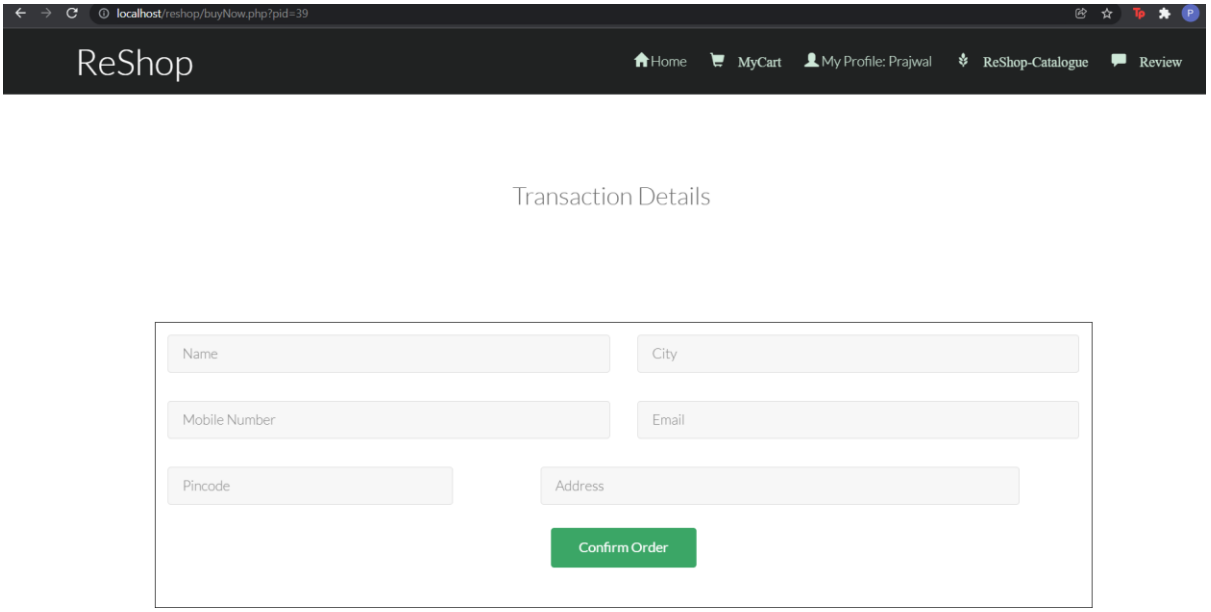



PRODUCT VIEW PHP


MY CART PHP

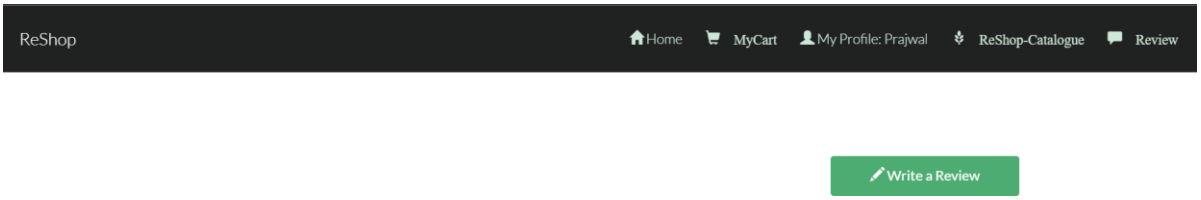



BUY NOW PHP

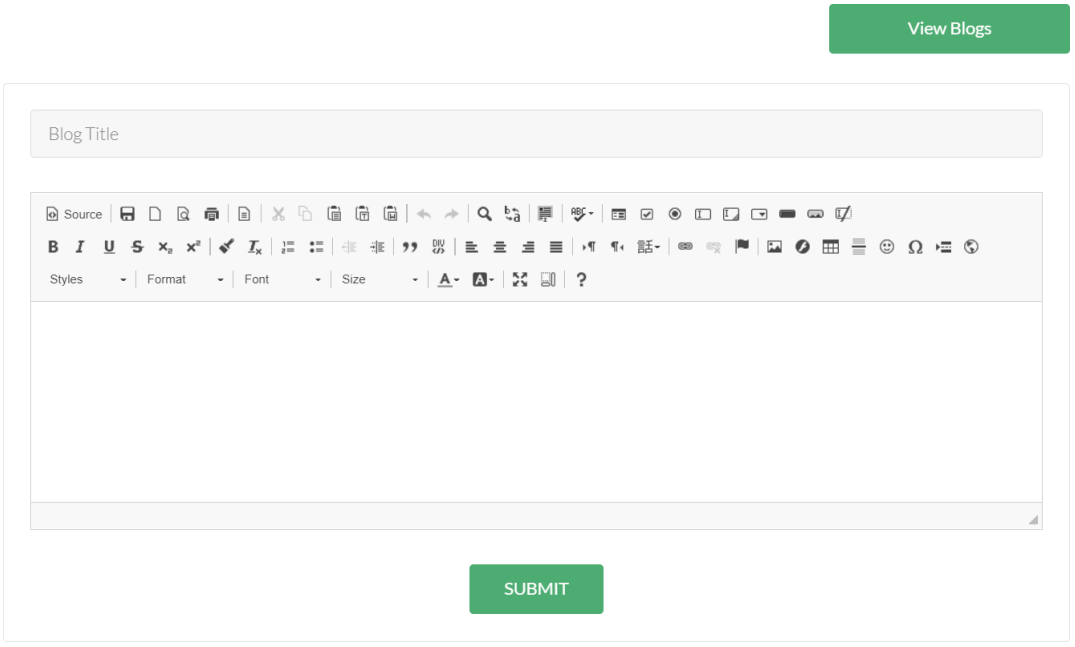



SUCCESS PHP


REVIEW PHP

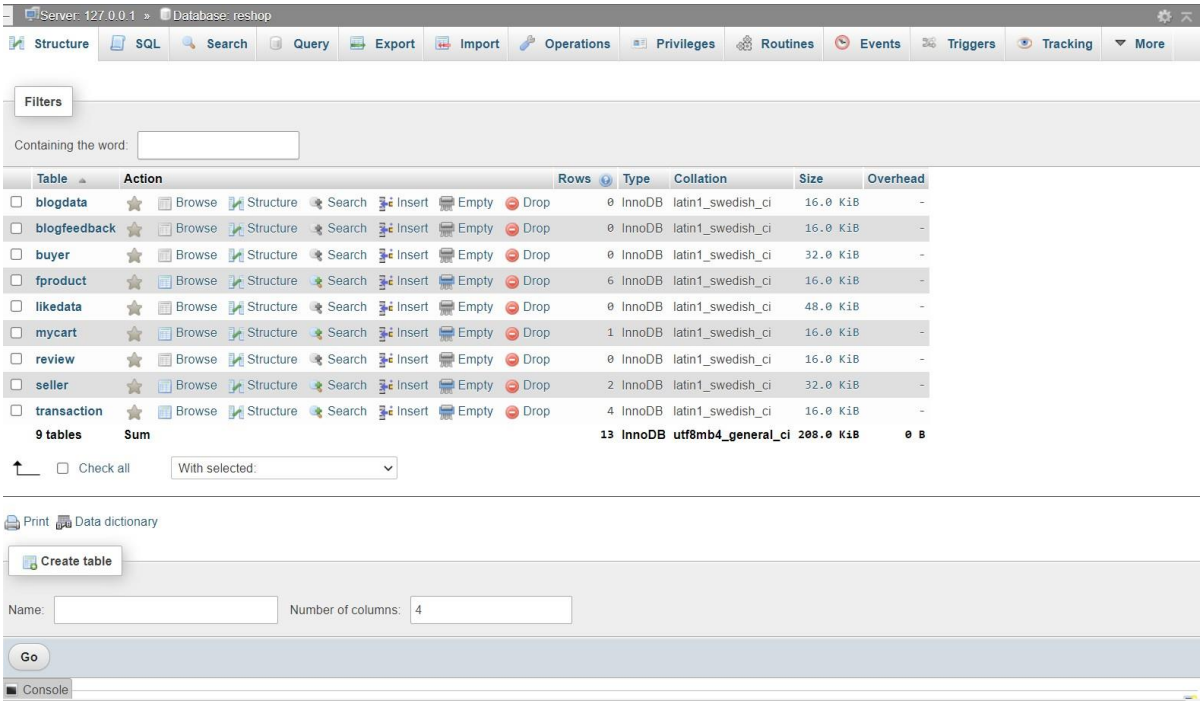



REVIEW WRITE PHP



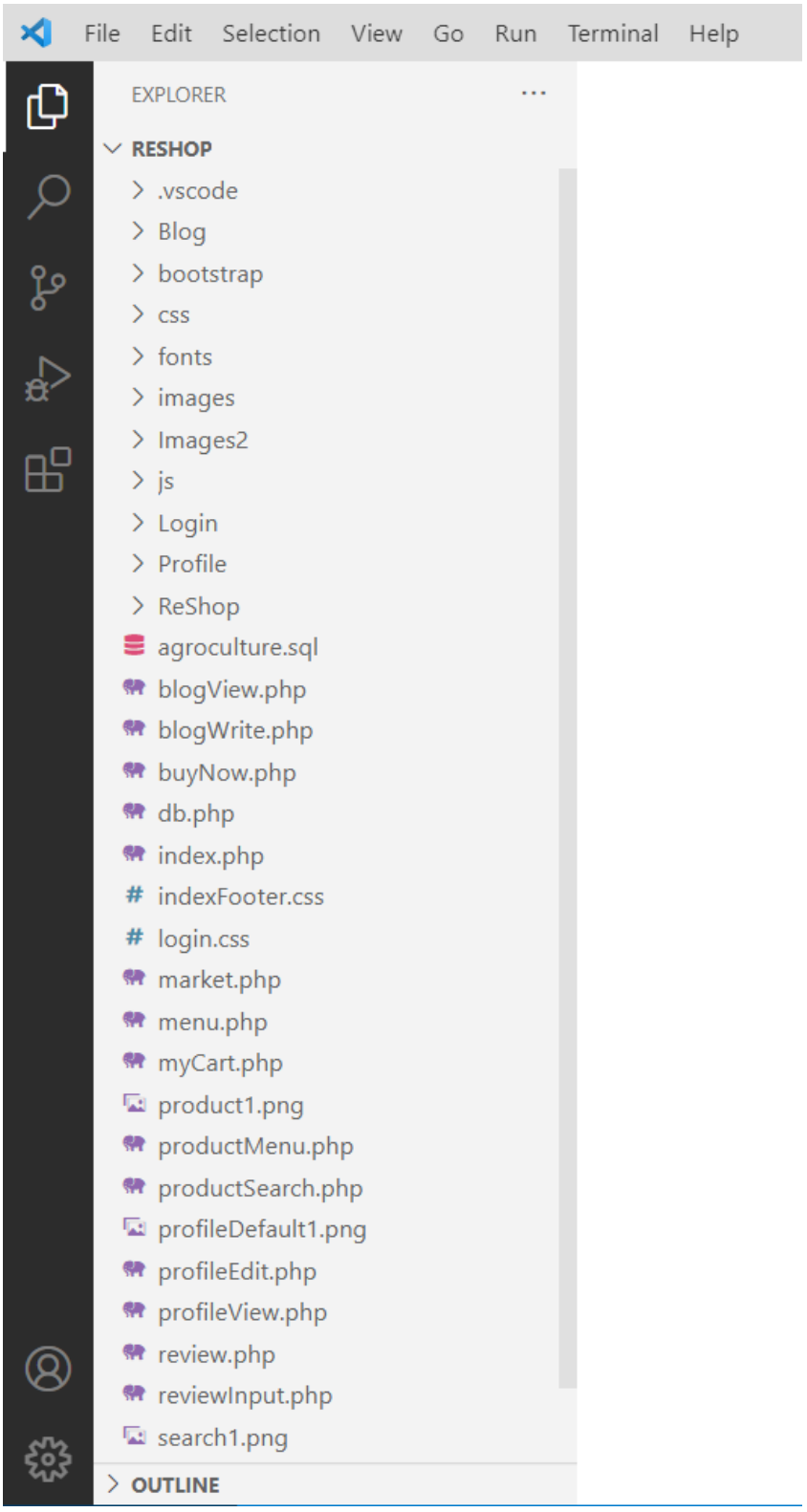

5 .1 DATABASE DESIGN:

MYSQL in Xampp Administration:




GITHUB LINKS AND FOLDER STRUCTURE: -

GitHub link : https://github.com/prajwalreddydornala/MiniProject_Reshop


File Edit Selection View Go Run Terminal Help
EXPLORER
RESHOP
.vscode
Blog
bootstrap
css
fonts
images
Images2
js
Login
Profile
ReShop
agroculture.sql
blogView.php
blogWrite.php
buyNow.php
db.php
index.php
indexFooter.css
login.css
market.php
menu.php
myCart.php
product1.png
productMenu.php
productSearch.php
profileDefault1.png
profileEdit.php
profileView.php
review.php
reviewInput.php
search1.png
OUTLINE

CHAPTER 6

TESTING

Unit Testing: This is the lowest level of testing that is conducted to remove syntax & logic errors from a single unit. Individual components are used to ensure that they operate correctly. Each component is tested independently, without other system components.

Module Testing: A module is a collection of dependent components such as an object class, an abstract data type or some looser collection of procedures and functions. A module encapsulates related components, so can be tested without other system modules.

System Testing: The sub-systems are integrated to make up the system. The system as a complete entity is tested over here. This process is concerned with finding errors that result from unanticipated interactions between sub-systems. It is also concerned with validating that
the system meets its functional and non-functional requirements and testing the emerged system properties.

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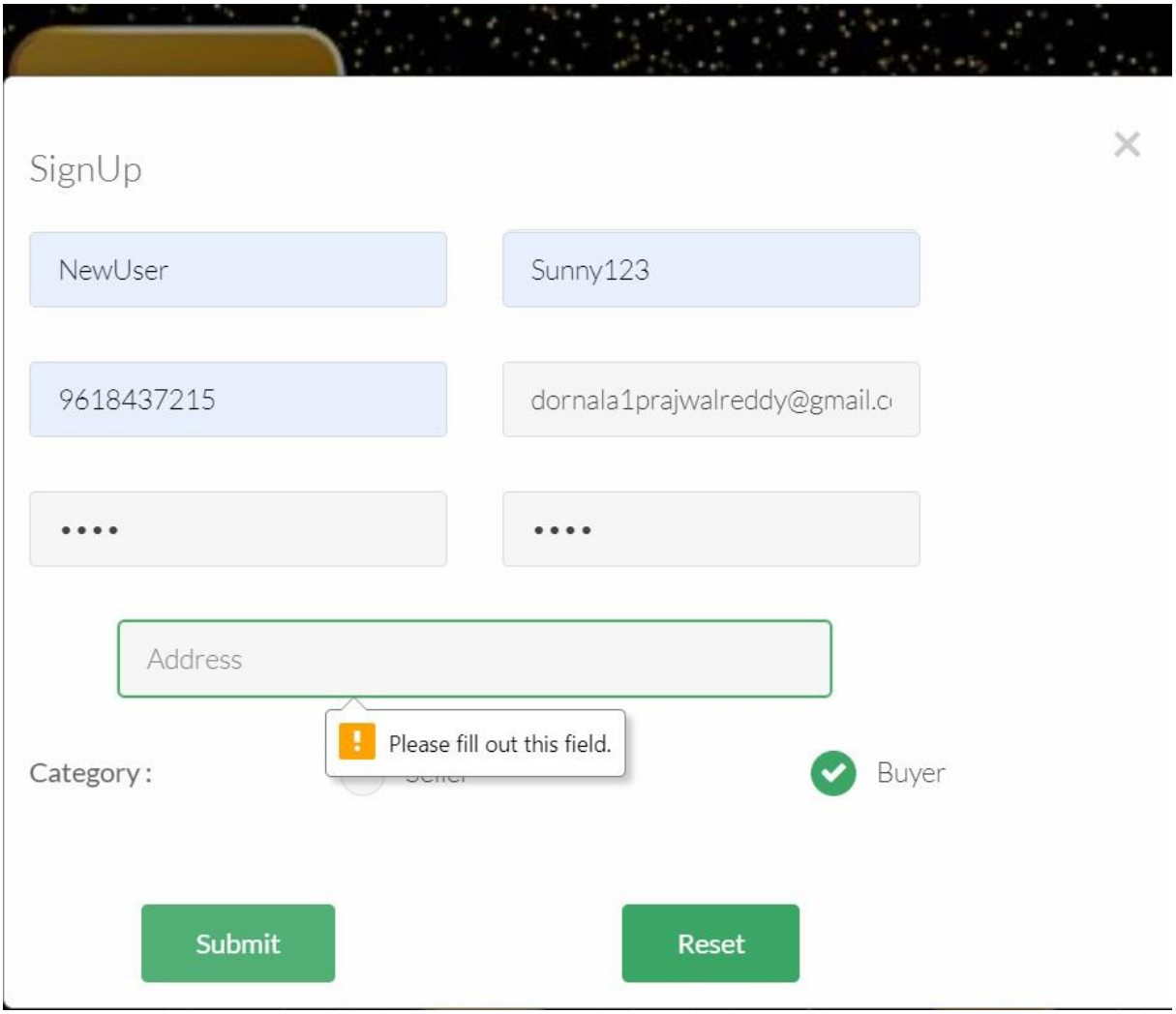
Accepting Testing: This is the final stage in the testing process before the system is accepted for operational use. The system is tested with data supplied by the system customer rather than simulated test data. Acceptance testing may reveal errors and omissions in the system requirements defined because the real data exercise the system in different ways from test data. It may also reveal requirements problems where the system ‘s facilities do not really meet the user’s needs or the system performance is unacceptable.

## LOGIN TESTING: -

If you enter wrong password, it will not direct you to next page. If you enter correct password, then it will direct you to next page. You need to fill every

field and then click on submit button, otherwise it will ask you to fill every field.


REGISTRATION TESTING :

ON FILLING OUT FOR EXISTING MAIL ID :


ERROR
Registration not successfull!
Retry

# CHAPTER 7

## CONCLUSION:

We have successfully developed a secure, user-friendly web application. This system is
capable of letting users be sellers and buyers of their own.
It uses a client/server architecture based on the HTTP protocol. It is developed in Microsoft's Visual Studio. The buyer performs a search for clothes either on search bar or from catalogue. The business logic tier communicates with the database tier
requesting the results of the query sent by it. The results obtained by the database are
displayed on the data grid, by refreshing the grid rather than refreshing the entire web page.
The Seller performs upload a product and database updates according to it.

## FUTURE SCOPE:

The Project has been designed to serve for the purpose of letting users be selling or buying clothes. The Future scope of this project include letting users be renters being able to rent their clothes for a few days and charge accordingly. The Future scope also include machine learning and artificial intelligence techniques to suggest outfits based on their size and style.

The Project will go on to inculcate payment methods and return policies.

CHAPTER 8

REFERENCES

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2. HTML DOCUMENTATION - https://www.php.net/docs.php

3. BOOTSTRAP REFERENCES - https://getbootstrap.com/docs/4.1/getting-started/introduction/

4 Problem Statements on SIH - https://www.sih.gov.in/sih2020PS
5 Sample Ecommerce Application http://www.NewEgg.com
6 Ajax Toolkit controls http://asp.net/ajax
7 i-SHOP: A Model for Smart Shopping, Journal by Authors- Anal Kumar; A.B.M. Shawk : https://ieeexplore-ieee-org-vce.knimbus.com/document/7941952
8 Online re-purchase intention: Testing expectation confirmation model ECM on online shopping context in Iran :https://ieeexplore-ieee-org-vce.knimbus.com/document/6836757
9 The Design and Implementation of the Online Shopping System -https://ieeexplore.ieee.org/document/5571623