

RESHOP & RENT

A

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

BACHELOR OF ENGINEERING

IN

INFORMATION TECHNOLOGY

By

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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 & Rent**” 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 VI 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.

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BONAFIDE CERTIFICATE

This is to certify that the project entitled “**Reshop & Rent – 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. Mukhesh Tripathi

Professors

Dr. K. Ram Mohan Rao,

HOD, IT

PREFACE

The report has been made in fulfillment of the requirement for the subject: Theme Based Project, in the theme of Web Application Development, under the supervision of Mr. David Raju and Mrs. Sathya Ma'ma. 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) and Mr. David Raju Sir under whom we commenced and executed this project.

I owe immense thanks to my project Guide Mrs.M,SATHYADEVI , Assistant Professor Department Of Information Technology, Vasavi College of Engineering for this sustained interest, constructive criticism and constant encouragement at every stage of this Endeavour

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. Haseeba 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 intermediary between ‘manufacturers’ and ‘customers’, where as we act as intermediary 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 & Rent is also a sustainable, environment friendly application addressing societal problems such as fast fashion, landfills etc.

CHAPTER 1

TITLE AND DESCRIPTION: -

“**Reshop & Rent**” 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. At the time of purchase, it is always a dilemma to check if the size is apt for you or not. The projects aspire to inculcate Machine Learning Algorithms. Machine Algorithm have been planed to deployed. Supervised – These apply what’s been learned in the past to new data using specific labeled examples. They can predict future events and compare their output to the intended results. That helps the algorithms improve themselves with ‘practice’. Implementation – The Appropriate Size of the outfit selected will be recommended based on weigh, height and age of the users as it is not expected to keep track of body measurements like waist length, chest length etc.

Using Logistic Regression Techniques for determining S, M, L, XL etc
Hence Our Project Provides platform for everyone to re-sell or rent 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 & Rent 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:

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 or rent 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 or rent for day to upload aproduct.

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 Customer can rent products. The Seller can add products for lending. 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 loginif account already exists. In the Reshop & Rent Catalogue, the buyer can search for required clothes for buying or renting.

He/She can look at the respective profiles.

A Seller has additional Option to upload product to lend or sell.

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 & Rent Catalogue : All the clothes that are available on the website to buy or for rent.

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.

Renting Module: renting the outfit to customer from the seller

- **Size Prediction:** The Appropriate Size of the outfit selected will be recommended based on weigh, height and age of the users as it is not expected to keep track of body measurements like waist length, chest length etc.

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:

Interpreter:

Pycharm: 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

ML Algorithms

Front-end:

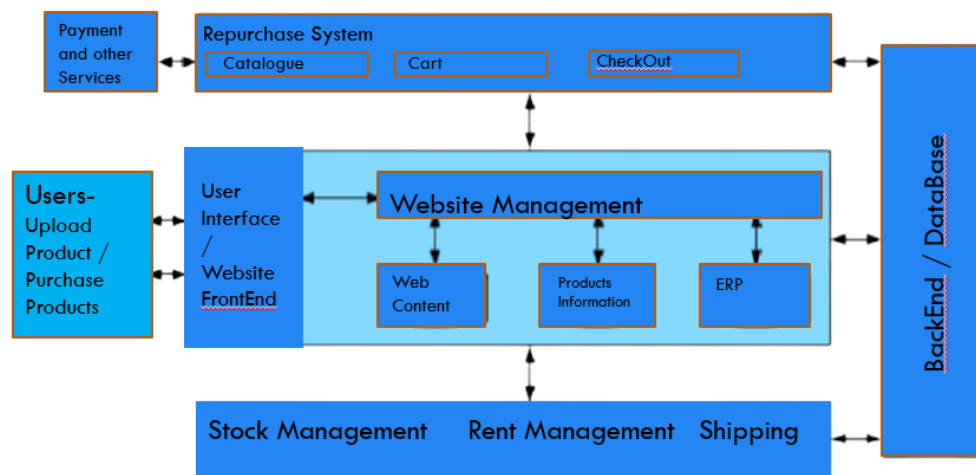
1. HTML

2. CSS
3. JavaScript
4. FrameWork
Flask

Back-end:

Sql Lite 3 database

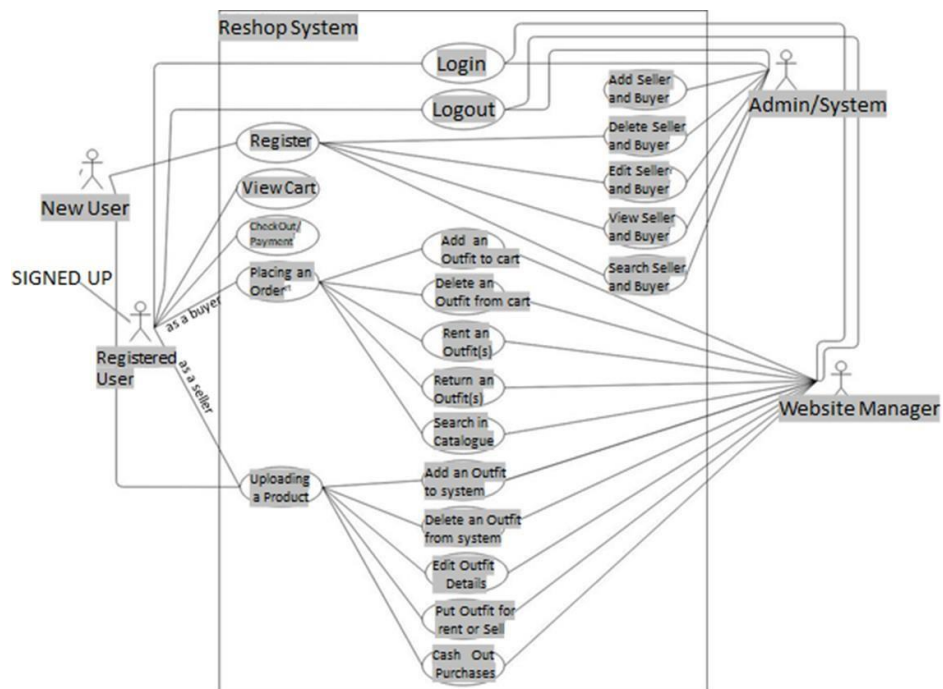
ARCHITECTURE OF RESHOP



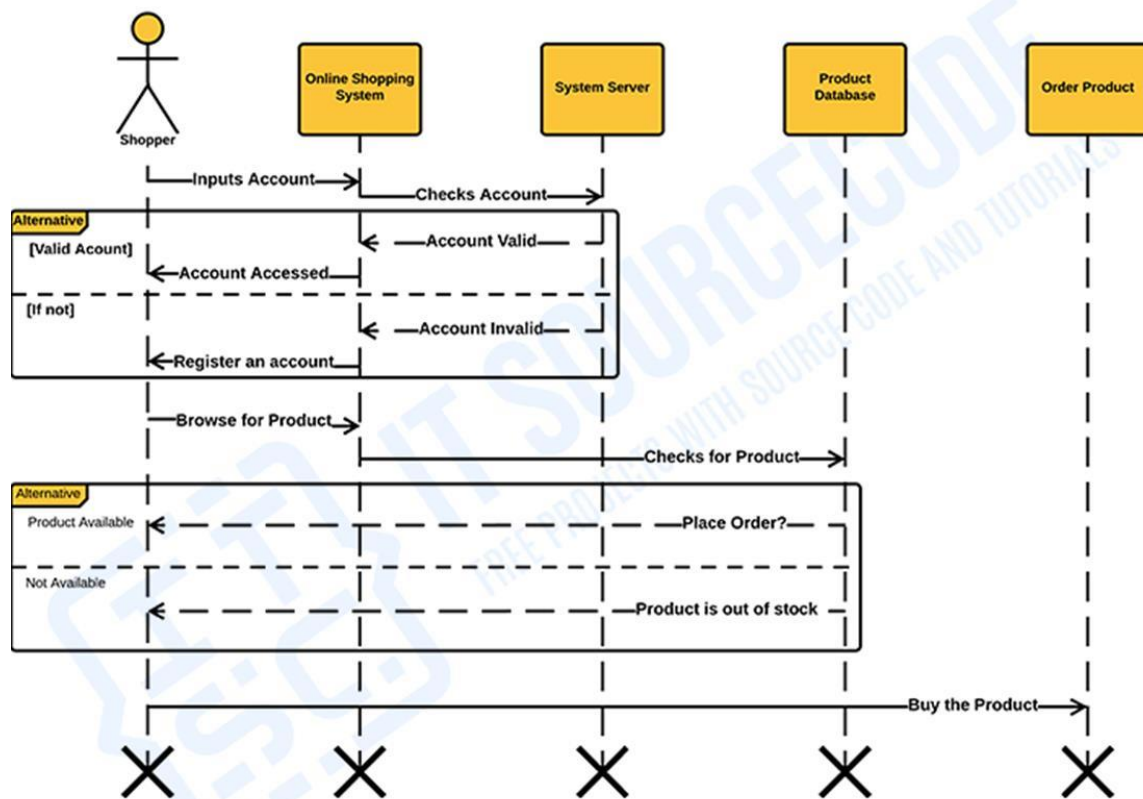
- Here, Both Customer and Supplier are users only

3.2 UML Diagrams:

USE CASE DIAGRAM:



SEQUENCE DIAGRAM:



CHAPTER 4

IMPLEMENTATION CODE

4.1 DATABASE ARCHITECTURE(DESIGN)

| | | |
|--|------|--|
| DB Browser for SQLite - C:\Users\Prajwal reddy dorna\OneDrive\Desktop\ReShop&Rent\database.db | | |
| File Edit View Tools Help | | |
| New Database Open Database Write Changes Revert Changes Open Project Save Project Attach Database Close Database | | |
| Browse Data Edit Pragnas Execute SQL Database Structure | | |
| Create Table Create Index Print | | |
| Name | Type | Schema |
| Tables (10) | | |
| cart | | CREATE TABLE cart(custID varchar(10) NOT NULL , prodID varchar(10) NOT NULL , quantity integer NOT NULL CHECK(quantity>0)) |
| customer | | CREATE TABLE customer(custID varchar(10) PRIMARY KEY, name varchar(30) NOT NULL, email varchar(30) UNIQUE, phone varchar(13) NOT NULL, area varchar(20) NOT NULL, locality va |
| metadata | | CREATE TABLE metadata(custnum integer NOT NULL , sellnum integer NOT NULL , prodnum integer NOT NULL , profit_rate decimal(6,3) NOT NULL , ordernum integer NOT NULL DEFAULT |
| orders | | CREATE TABLE "orders" ("orderId" varchar(10), "custID" , "prodID" , "quantity" integer CHECK("quantity" >= 1), "date" datetime NOT NULL, "cost_price" decimal(9, 2) NOT NULL, "sell_pri |
| product | | CREATE TABLE "product" ("prodID" varchar(10), "name" varchar(30) NOT NULL, "quantity" integer NOT NULL CHECK("quantity" >= 0), "category" varchar(30) NOT NULL, "cost_price" deci |
| rentcart | | CREATE TABLE rentcart(custID varchar(10) NOT NULL , prodID varchar(10) NOT NULL , quantity integer NOT NULL CHECK(quantity>0)) |
| rentitems | | CREATE TABLE "rentitems" ("prodID" varchar(10), "name" varchar(30) NOT NULL, "quantity" integer NOT NULL CHECK("quantity" >= 0), "category" varchar(30) NOT NULL, "rent_price" de |
| rentmetadata | | CREATE TABLE rentmetadata(custnum integer NOT NULL , sellnum integer NOT NULL , prodnum integer NOT NULL , profit_rate decimal(6,3) NOT NULL , ordernum integer NOT NULL DEFAL |
| rentorders | | CREATE TABLE "rentorders" ("orderId" varchar(10), "custID" , "prodID" , "quantity" integer CHECK("quantity" >= 1), "date" datetime NOT NULL, "lend_price" decimal(9, 2) NOT NULL, "ren |
| seller | | CREATE TABLE "seller"(sellID varchar(10) PRIMARY KEY, name varchar(30) NOT NULL, email varchar(30) UNIQUE, phone varchar(13) NOT NULL, area varchar(20) NOT NULL, locality vard |
| Indices (0) | | |
| Views (0) | | |
| Triggers (0) | | |

4.2 IMPLEMENTATION AND CODE

HTML CODE FOR VIEWING A PRODUCT FOR RENT –

```
<html>
<head>
  <link rel="stylesheet" href="{{url_for('static', filename='main.css')}}">
  <link href="https://fonts.googleapis.com/css?family=Acme|K2D"
rel="stylesheet">
  <link rel='icon' href="{{url_for('static', filename='logo.png')}}">
</head>
  <body>
    <div class="sticky">
      <h1>Reshop & Rent</h1>
    </div>
    <div class="nav">
      <p><a href="/">Home</a> >
      {% if type=="Seller" %}<a href="/sell/">Sell</a> >
      {% else %}<a href="/rent/">Rent</a> > {% endif %}
      <a href="/view_rent">View Product</a> > <a href="">{{name}}</a></p>
    </div>
    <h2>Product Information</h2>
    <table>
      <tr>
        <td>Name :</td><td>{{name}}</td>
      </tr>
      <tr>
        <td>No of Days Available :</td><td>{{quantity}}</td>
      </tr>
      <tr>
        <td>Category :</td><td>{{category}}</td>
      </tr>
      <tr>
        <td>Rent per Day:</td>
        {% if type=="Seller" %}<td>₹ {{rent_price}}</td>
        {% else %}<td>₹ {{lend_price}}</td>{% endif %}
      </tr>
      {% if type=="Customer" %}
      <tr>
        <td>Lent By :</td><td><a href="/viewprofile/{{sell_id}}"
target="blank">{{sell_name}}</a></td>
      </tr>{% endif %}
      <tr>
        <td>Size :</td><td><pre>{{size}}</pre></td>
      </tr>
    </table>
    <div class="centerthis">
      {% if type=="Seller" %}
      <p class="press"><a href="/view_rent/{{prod_id}}/edit">Edit
Product</a></p>
      {% else %}
      <p class="press"><a href="/rent/{{prod_id}}">Rent Product</a></p>
      <p class="press"><a href="/rent/rentcart/{{prod_id}}">Add to
Cart</a></p>
      {% endif %}
    </div>
```

```
</body>
</html>
```

PYTHON CODE FOR ADDING PRODUCTS TO SELL OR LEND-

```
@app.route("/sell/addproducts/", methods=["POST", "GET"])
def add_products():
    if 'userid' not in session:
        return redirect(url_for('home'))
    if session["type"]=="Customer":
        abort(403)
    if request.method=="POST":
        data = request.form
        add_prod(session['userid'],data)
        return redirect(url_for('my_products'))
    return render_template("add_products.html")

@app.route("/lend/addlendproducts/", methods=["POST", "GET"])
def add_lendproducts():
    if 'userid' not in session:
        return redirect(url_for('home'))
    if session["type"]=="Customer":
        abort(403)
    if request.method=="POST":
        data = request.form
        add_lendprod(session['userid'],data)
        return redirect(url_for('my_lendproducts'))
    return render_template("add_lendproducts.html")
```

CHAPTER 5

RESULTS :

HOME PAGE

CREATE AN ACCOUNT PAGE

127.0.0.1:5000/signup/

Create New Account: Reshop & Rent

Home > Create Account

ONE OF ACCOUNT:

☒ Customer ☐ Seller

NAME :

EMAIL :

PHONE :

ADDRESS:

LANDMARK/AREA:

LOCALITY :

CITY :

STATE :

LOGIN PAGE

127.0.0.1:5000/login/

Reshop & Rent

Home > Login

Login

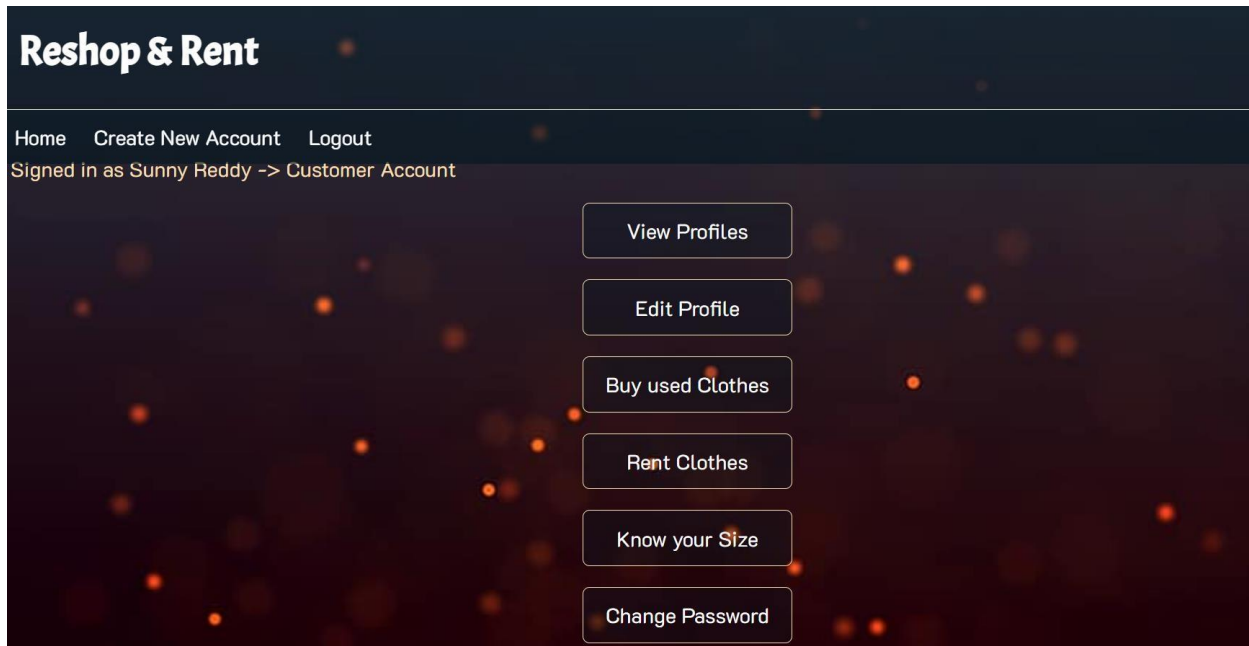
☒ ReCustomer ☐ ReSeller

EMAIL:

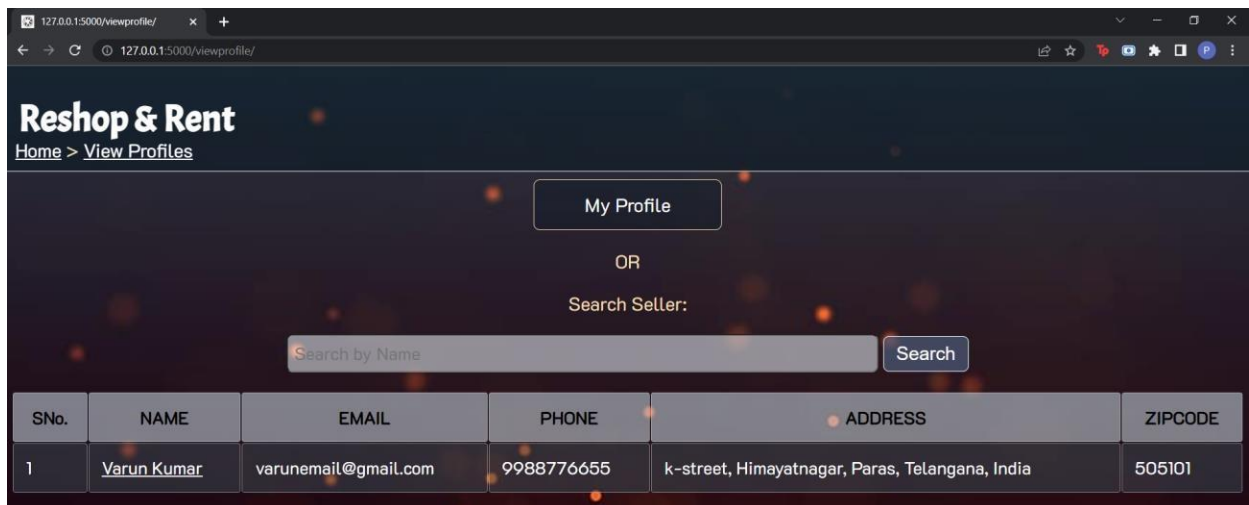
PASSWORD:

SUBMIT

CUSTOMER HOME PAGE-



VIEW SELLER PROFILES PAGE-



VIEW SELLER PROFILE –

Reshop & Rent

[Home](#) > [View Profiles](#) > [User Profile](#)

User Profile

Seller Account

| | |
|------------|---|
| NAME : | Varun Kumar |
| EMAIL : | varunemail@gmail.com |
| PHONE : | 9988776655 |
| DEALS IN : | Men, Office, |
| ADDRESS : | k-street, Himayatnagar, Paras, Telangana, India |
| ZIPCODE : | 505101 |

[View Products by
this Seller](#)

VIEW PRODUCTS BY SELLER –

Reshop & Rent

[Home](#) > [View Profiles](#) > [Varun Kumar](#) > [Products](#)

Products by Varun Kumar

| SNo. | Name | Category | Price | |
|------|-----------------|----------|--------|----------------------|
| 1 | LightBlueShirt | Men | ₹ 357 | View |
| 2 | FormatBlueShirt | Office | ₹ 1122 | View |

VIEW MY PROFILE-

Reshop & Rent

[Home](#) > [View Profiles](#) > [User Profile](#)

User Profile

Customer Account

| | |
|-----------|---|
| NAME : | Sunny Reddy |
| EMAIL : | sunny.prajwal666@gmail.com |
| PHONE : | 9390353977 |
| ADDRESS : | Ambedkar Statue, Gandhinagar, Hyderabad, Telangana, India |
| ZIPCODE : | 505456 |

[Edit Profile](#)

EDIT USER PROFILE -

| | |
|---|-----------------|
| Reshop & Rent Home > Edit Profile | 9390353977 |
| ADDRESS : | |
| LANDMARK/AREA : | Ambedkar Statue |
| LOCALITY : | Gandhinagar |
| CITY : | Hyderabad |
| STATE : | Telangana |
| COUNTRY : | India |
| ZIPCODE : | 505456 |
| <button>Save Changes</button> | |

BUY USED CLOTHES -

| |
|--|
| Reshop & Rent Home > Buy |
| Search Products My Orders My Cart My Purchases |
| <div><div><div>• Search by keyword</div><div></div></div><div><div>• Search by category</div><div>SELECT CATEGORY ▾</div></div><div><div>• Both</div></div></div> <div><button>SEARCH</button></div> |

SEARCHING PRODUCTS -

Reshop & Rent

Home > [Buy](#)

Search by category

Search Products My Orders My Cart My Purchases

SELECT CATEGORY

Both

SEARCH

| SNo. | Name | Category | Price | |
|------|---------|----------|---------|----------------------|
| 1 | NeonTop | Women | ₹ 306 | View |
| 2 | Bodycon | Women | ₹ 1427 | View |
| 3 | Skirt | Women | ₹ 676.5 | View |

VIEWING A PRODUCT -

Reshop & Rent

Home > [Buy](#) > [View Product](#) > [NeonTop](#)

Product Information

| | |
|------------|----------------------------|
| Name : | NeonTop |
| In Stock : | 47 |
| Category : | Women |
| Price : | ₹ 306 |
| Sold By : | Gagan Siva |
| Size : | M |

Buy Product

Add to Cart

BUY PRODUCT -

Reshop & Rent

[Home](#) > [Buy](#) > [NeonTop](#)

NeonTop

CATEGORY :

Women

SIZE :

M

QUANTITY (select quantity):

1

PRICE/UNIT :

₹ 306

PROCEED

CONFIRM ORDER -

Reshop & Rent

[Home](#) > [Buy](#) > [Confirm](#)

Confirm Order Placement

| SNo. | NAME | QUANTITY | AMOUNT |
|----------------|---------|----------|---------|
| 1 | NeonTop | 1 | ₹ 306.0 |
| TOTAL AMOUNT : | | | ₹ 306.0 |

PLACE ORDER

CANCEL

MY ORDERS -

Reshop & Rent

[Home](#) > [Buy](#) > [My Orders](#)

My Orders

| SNO. | PRODUCT | QUANTITY | AMOUNT | DATE-TIME | STATUS | |
|------|--------------------------------|----------|--------|---------------------|------------|----------------|
| 1 | NeonTop | 1 | ₹ 306 | 2022-05-28 06:29:24 | PLACED | Cancel Order |
| 2 | LightBlueShirt | 1 | ₹ 357 | 2022-05-24 15:21:28 | PLACED | Cancel Order |
| 3 | LightBlueShirt | 3 | ₹ 1071 | 2022-05-24 05:36:35 | DISPATCHED | Recieved Order |

MY CART-

Reshop & Rent

[Home](#) > [Buy](#) > [My Cart](#)

My Cart

| SNO. | PRODUCT | PRICE (PER UNIT) | QUANTITY | |
|------|--------------------------------|------------------|--------------------------------|-----------------------------------|
| 1 | LightBlueShirt | ₹ 357 | <input type="text" value="1"/> | <button>REMOVE FROM CART</button> |

EMPTY CART

PROCEED TO PLACE ORDER

MY PURCHASES -

Reshop & Rent

[Home](#) > [Buy](#) > [My Purchases](#)

My Purchases

| SNO. | PRODUCT | QUANTITY | AMOUNT | DATE-TIME |
|------|--------------------------------|----------|--------|---------------------|
| 1 | LightBlueShirt | 3 | ₹ 1071 | 2022-05-24 05:36:35 |

RENT PRODUCT PAGE -

Reshop & Rent

[Home](#) > [Rent](#)

[Search Products](#) [My Rent Orders](#) [My Rent Cart](#) [My Rent Purchases](#)

• Search by keyword

• Search by category

SELECT CATEGORY



• Both

SEARCH

SEARCH RENT PRODUCTS-

SELECT CATEGORY

•Both

SEARCH

| SNo. | Name | Category | Rent per Day | |
|------|-------------|-----------------|--------------|----------------------|
| 1 | Pajama | Women Tradition | ₹ 77 | View |
| 2 | Green Shirt | Men | ₹ 18 | View |

VIEW RENT PRODUCT -

Reshop & Rent

[Home](#) > [Rent](#) > [View Product](#) > [Pajama](#)

Product Information

| | |
|------------------------|---------------------------------------|
| Name : | Pajama |
| No of Days Available : | 12 |
| Category : | Women Tradition |
| Rent per Day: | ₹ 115.5 |
| Lent By : | Prajwal reddy Dornala |
| Size : | L |

Rent Product

Add to Cart

RENT PRODUCT -

Reshop & Rent

[Home](#) > [Rent](#) > [Pajama](#)

Pajama

| | |
|---------------------------|--------------------------------|
| CATEGORY : | Women Tradition |
| SIZE : | L |
| NO OF DAYS (select days): | <input type="text" value="3"/> |
| PRICE/DAY : | ₹ 77 |

[PROCEED](#)

RENT ORDER CONFIRM -

Reshop & Rent

[Home](#) > [Rent](#) > [Confirm](#)

Confirm Order Placement

| SNo. | NAME | No of Days | AMOUNT |
|----------------|--------|------------|---------|
| 1 | Pajama | 3 | ₹ 231.0 |
| TOTAL AMOUNT : | | | ₹ 231.0 |

[PLACE ORDER](#)

[CANCEL](#)

MY RENT ORDERS PAGE-

Reshop & Rent

[Home](#) > [Rent](#) > [My Rent Orders](#)

My Rent Orders

| SNO. | PRODUCT | NO OF DAYS | AMOUNT | DATE-TIME | STATUS | |
|------|-----------------------------|------------|--------|---------------------|------------|--------------------------------|
| 1 | Pajama | 1 | ₹ 77 | 2022-05-28 04:32:18 | PLACED | Cancel Order |
| 2 | Green Shirt | 1 | ₹ 18 | 2022-05-27 08:41:12 | DISPATCHED | Recieved Order |
| 3 | Green Shirt | 1 | ₹ 18 | 2022-05-24 15:21:09 | CANCELLED | |

MY RENT PURCHASES -

Reshop & Rent

[Home](#) > [Rent](#) > [My Rent Purchases](#)

My Rent Purchases

| SNO. | PRODUCT | NO OF DAYS | AMOUNT | DATE-TIME |
|------|-----------------------------|------------|--------|---------------------|
| 1 | Green Shirt | 1 | ₹ 18 | 2022-05-27 08:41:12 |
| 2 | Pajama | 1 | ₹ 77 | 2022-05-27 08:41:12 |
| 3 | Green Shirt | 1 | ₹ 18 | 2022-05-24 15:22:09 |

KNOW YOUR SIZE (SIZE PREDICTION PAGE):

SIZE PREDICTION

WEIGHT(in kgs)

AGE

HEIGHT(in cms)

Estimate SIZE

SIZE PREDICTION

WEIGHT(in kgs)

1000

AGE

1000

HEIGHT(in cms)

1000

Estimate SIZE

XL

CHANGE PASSWORD PAGE -

Reshop & Rent

[Home](#) > [Change Password](#)

Change Password

| | |
|------------------------|--------------------------|
| CURRENT PASSWORD : | <input type="password"/> |
| NEW PASSWORD : | <input type="password"/> |
| CONFIRM NEW PASSWORD : | <input type="password"/> |

Set New Password

SELLER HOME PAGE -

Reshop & Rent

[Home](#) [Create New Account](#) [Logout](#)

Signed in as Varun Kumar -> Seller Account

View Profiles

Edit Profile

Sell used Clothes

Lend Clothes

Change Password

SELL USED CLOTHES PAGE -

Reshop & Rent

[Home](#) > [Sell](#)

[My Products](#) [New Orders](#) [Add New Products](#) [My Sales](#)

• [Search by keyword](#)

• [Search by category](#)

SELECT CATEGORY



• [Both](#)

SEARCH

MY PRODUCTS -

| SEARCH | | | | | |
|--------|-----------------|----------|----------|--------|----------------------|
| SNo. | Name | Quantity | Category | Price | |
| 1 | LightBlueShirt | 23 | Men | ₹ 350 | View |
| 2 | FormalBlueShirt | 49 | Office | ₹ 1100 | View |

NEW ORDERS PLACED -

| Reshop & Rent | | | | | | | | |
|--|--------------------------------|-----------------|----------------|--------|---------------------|-----------|--------------------------------|------------------------------|
| Home > Sell > New Orders | | | | | | | | |
| New Orders | | | | | | | | |
| SNO. | PRODUCT | QTY. TO DELIVER | QTY. AVAILABLE | AMOUNT | DATE-TIME | STATUS | | |
| 1 | LightBlueShirt | 1 | 23 | ₹ 350 | 2022-05-28 06:30:22 | PLACED | Dispatch Order | Cancel Order |
| 2 | LightBlueShirt | 1 | 23 | ₹ 350 | 2022-05-24 15:21:28 | PLACED | Dispatch Order | Cancel Order |
| 3 | LightBlueShirt | 1 | 23 | ₹ 350 | 2022-05-23 05:33:56 | CANCELLED | | |

ADD NEW PRODUCT -

Reshop & Rent

[Home](#) > [Sell](#) > [Add New Products](#)

Add Product:

| | |
|--------------|--|
| NAME: | <input type="text"/> |
| QUANTITY: | <input type="text"/> |
| CATEGORY: | <input type="text" value="SELECT CATEGORY"/> |
| PRICE(in ₹): | <input type="text"/> |
| SIZE: | <input type="text"/> |

VIEW MY PRODUCT-

Reshop & Rent

[Home](#) > [Sell](#) > [View Product](#) > [LightBlueShirt](#)

Product Information

| | |
|------------|----------------|
| Name : | LightBlueShirt |
| In Stock : | 23 |
| Category : | Men |
| Price : | ₹ 350 |
| Size : | L |

Edit Product

EDIT MY PRODUCT –

Reshop & Rent

[Home](#) > [Sell](#) > [View Product](#) > [LightBlueShirt](#) > [Edit](#)

Edit Product

| | |
|------------|---|
| NAME : | <input type="text" value="LightBlueShirt"/> |
| QUANTITY : | <input type="text" value="23"/> |
| CATEGORY : | <input type="text" value="Men"/> |
| PRICE : | <input type="text" value="350"/> |
| SIZE : | <input type="text" value="L"/> |

MY SALES PAGE -

Reshop & Rent

[Home](#) > [Sell](#) > [My Sales](#)

My Sales

| SNO. | PRODUCT | QUANTITY | AMOUNT | DATE-TIME | SOLD TO |
|------|---------------------------------|----------|---------|---------------------|------------------------------|
| 1 | LightBlueShirt | 3 | ₹ 1071 | 2022-05-24 05:36:35 | Sunny Reddy |
| 2 | LightBlueShirt | 1 | ₹ 35700 | 2018-10-27 13:18:06 | Vivek Raj |
| 3 | LightBlueShirt | 1 | ₹ 35700 | 2018-10-05 09:18:02 | Hina Khan |
| 4 | FormalBlueShirt | 1 | ₹ 1122 | 2018-10-02 12:22:01 | Karan Patel |
| 5 | FormalBlueShirt | 3 | ₹ 3366 | 2018-09-30 15:59:28 | Anita Hassan |

MY LEND PRODUCTS PAGE -

Reshop & Rent

[Home](#) > [Lend](#)

[Search by keyword](#)

[My Lend Products](#)
[New Lend Orders](#)
[Add New Lend Products](#)
[My Lend Sales](#)

[Search by category](#)

SELECT CATEGORY

[Both](#)

SEARCH

| SNo. | Name | No of Days | Category | Price | |
|------|-------------|------------|----------|-------|----------------------|
| 1 | Green Shirt | 16 | Men | ₹ 18 | View |

VIEW LEND PRODUCT-

Reshop & Rent

[Home](#) > [Sell](#) > [View Product](#) > [Green Shirt](#)

Product Information

| | |
|------------------------|-------------|
| Name : | Green Shirt |
| No of Days Available : | 16 |
| Category : | Men |
| Rent per Day: | ₹ 18 |
| Size : | L |

Edit Product

EDIT LEND PRODUCT -

Reshop & Rent

Home > Lend > View Lend Product > Green Shirt > Edit

| | |
|----------------|--|
| NAME : | <input type="text" value="Green Shirt"/> |
| QUANTITY : | <input type="text" value="16"/> |
| CATEGORY : | <input type="text" value="Men"/> |
| PRICE PER DAY: | <input type="text" value="18"/> |
| SIZE : | <input type="text" value="L"/> |

Apply Changes

NEW LEND ORDERS-

Reshop & Rent

Home > Lend > New Lend Orders

New Lend Orders

| SNO. | PRODUCT | No of Days needed | No of Days. AVAILABLE | AMOUNT | DATE-TIME | STATUS | | |
|------|-----------------------------|-------------------|-----------------------|--------|---------------------|-----------|--|--|
| 1 | Green Shirt | 1 | 16 | ₹ 18 | 2022-05-24 15:21:09 | CANCELLED | | |

ADD LEND PRODUCT -

Reshop & Rent

Home > Lend > Add New Lend Products

| | |
|----------------------|--|
| NAME: | <input type="text"/> |
| MAXIMUM DAYS: | <input type="text"/> |
| CATEGORY: | <input type="text" value="SELECT CATEGORY"/> |
| PRICE(in ₹) PER DAY: | <input type="text"/> |
| SIZE: | <input type="text"/> |

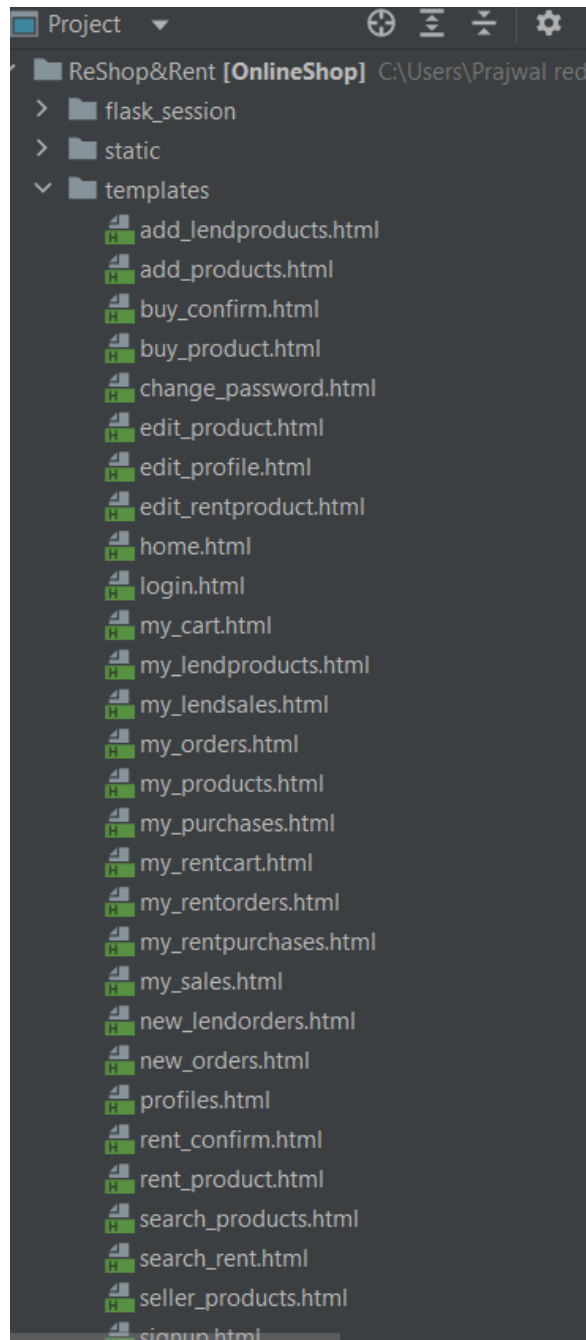
Add Product

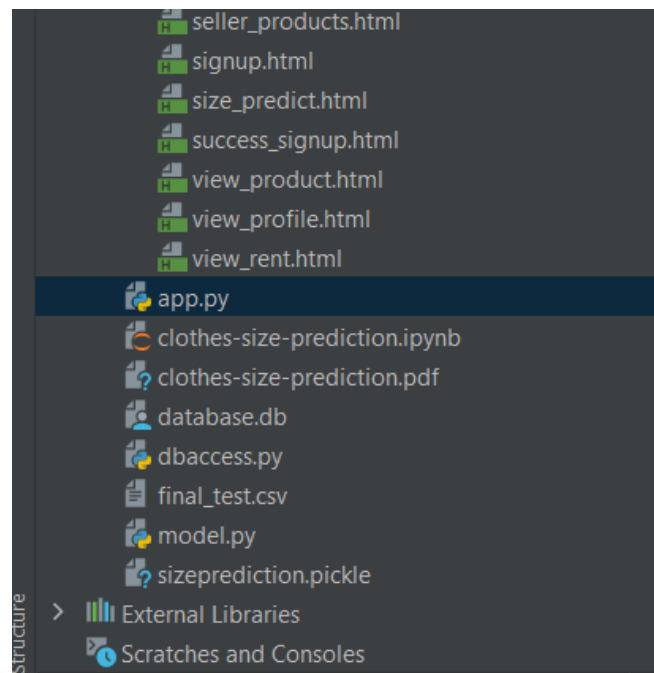
MY LEND SALES -

| Reshop & Rent | | | | | |
|--|-----------------------------|------------|--------|---------------------|-----------------------------|
| Home > Lend > My Sales | | | | | |
| My Lend Sales | | | | | |
| SNO. | PRODUCT | NO OF DAYS | AMOUNT | DATE-TIME | SOLD TO |
| 1 | Green Shirt | 1 | ₹ 18 | 2022-05-27 08:41:12 | Sunny Reddy |
| 2 | Green Shirt | 1 | ₹ 18 | 2022-05-24 15:22:09 | Sunny Reddy |

GITHUB LINKS AND FOLDER STRUCTURE: -

GitHub link :





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.

Reshop & Rent

[Home](#) > [Login](#)

Login

Sorry! The entered email and password do not match any records

☒ ReCustomer ☐ ReSeller

EMAIL:

varunemail@gmail.com

PASSWORD:

SUBMIT

REGISTRATION TESTING :

ON FILLING OUT FOR EXISTING MAIL ID :

Reshop & Rent

[Home](#) > [Create Account](#)

Sorry! Account with provided email already exists. Please enter another email

Create New Account:

| | |
|------------------|--|
| TYPE OF ACCOUNT: | <input checked="" type="radio"/> Customer <input type="radio"/> Seller |
| NAME : | <input type="text"/> |
| EMAIL : | <input type="text"/> |
| PHONE : | <input type="text"/> |
| ADDRESS: | <input type="text"/> |
| | <input type="text"/> |

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 Pycharm. 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. Also to rent and lent. The Future scope also include clothes suggestion and chatbot.

CHAPTER 8

REFERENCES

1. HTML DOCUMENTATION - <https://www.htmlnet/docs.php>
- 2 Problem Statements on SIH - <https://www.sih.gov.in/sih2020PS>
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- 4 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>
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- 6 The Design and Implementation of the Online Shopping System
-<https://ieeexplore.ieee.org/document/5571623>