

Mini Project Report on
“Grocery Management System (E-Commerce)”

Submitted By

Rajat Belgundi 1032180203

Kartik Bhutada 1032180229

Amey Bhide 1032180301

Divyang Bagla 1032180739

Under the Guidance of
Prof. Pramod Mundhe

At



Dr. Vishwanath Karad

MIT WORLD PEACE
UNIVERSITY | PUNE

TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS

Abstract

Grocery Management System is a project which aims at developing a website to ease the process of buying grocery (for customers) and for shopkeepers to manage their business. The website provide the facility of customer login/signup. This website is developed using Django in backend, MySQL database, HTML5, CSS, Bootstrap in frontend.

The website makes it easier for the customer to view products available in the grocery store. The customer can add/remove products from the cart. The customer can place his/her order online from anywhere without having to visit the store. The customer can view his/her profile and can update his/her details. The customer can also see his/her order history. The customer can contact the grocery store for any queries and feedbacks directly from the website.

Overall this website is developed to help store owner to manage their business online and customers to buy products online from anywhere.

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Chapter 1

Introduction

1.1 Motivation

Few reasons to select this project of Grocery Management System:-

- In the evolving times as everything is going digital, the daily life requirements are soon going to shift to the online platform.
- To overcome the flaws in grocery store such as waiting too long in the queues.
- To facilitate quick and efficient ordering of products.
- To establish a systematic, neat and well organized online grocery store.

1.2 Objectives

The main aims and objectives are :-

- To have an efficient grocery ordering system.
- To display the available products and their price to the customer.
- To provide the facility to view their order history
- To provide feedback facility to the customer.

Chapter 2

Problem Definition

2.1 Problem Statement :-

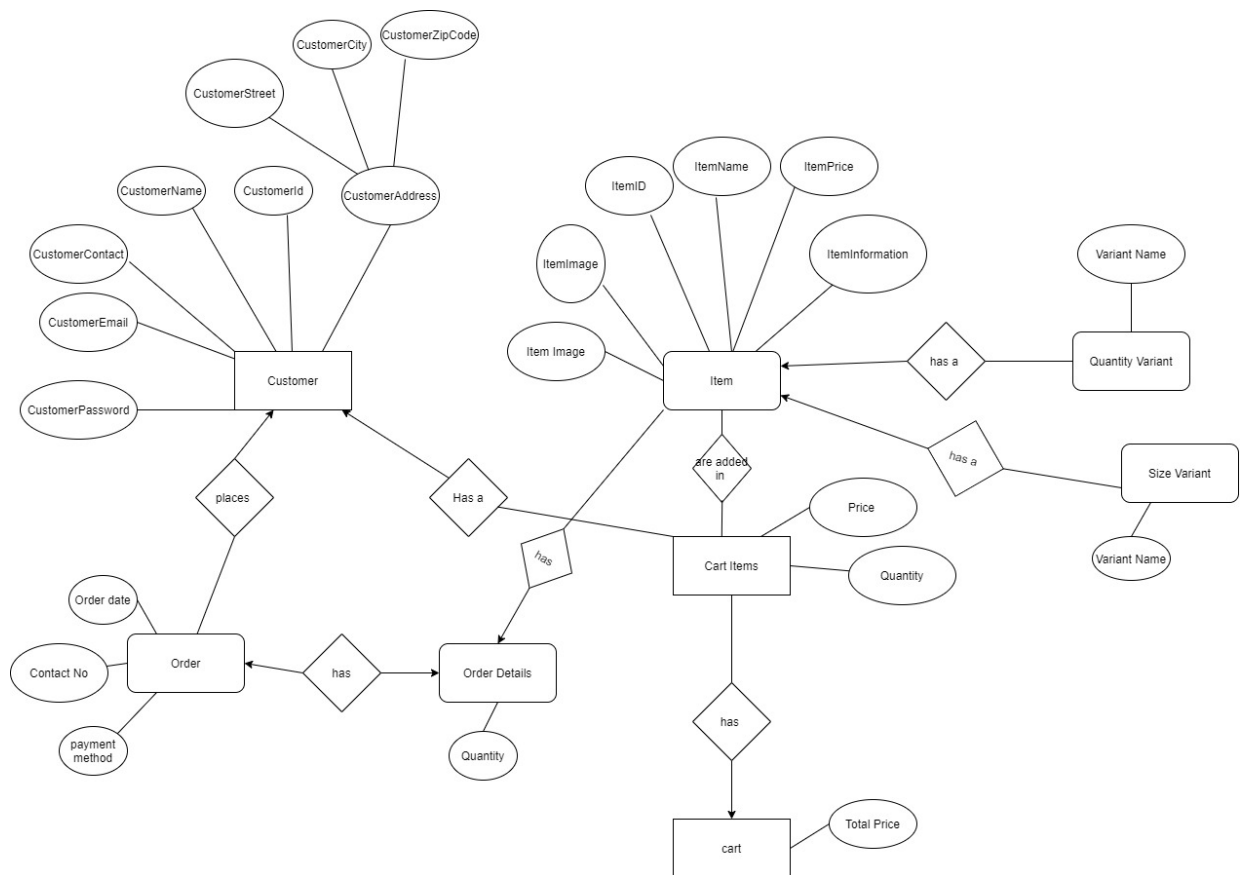
The grocery management system is a software developed for managing the grocery store via online platform. The system maintains the record of grocery items available in the grocery. The system also facilitates easy searching, ordering and viewing of products. The system also shows the order history of customers. The system also provides the facility to view the customers their profile and update it. The system also provides the facility to provide the feedback to the grocery store.

2.2 Tools and Technologies Used :-

- My SQL
- Django
- HTML5
- CSS
- BootStrap
- Django Rest Framework
- SMTP
- Pillow
- Java Script

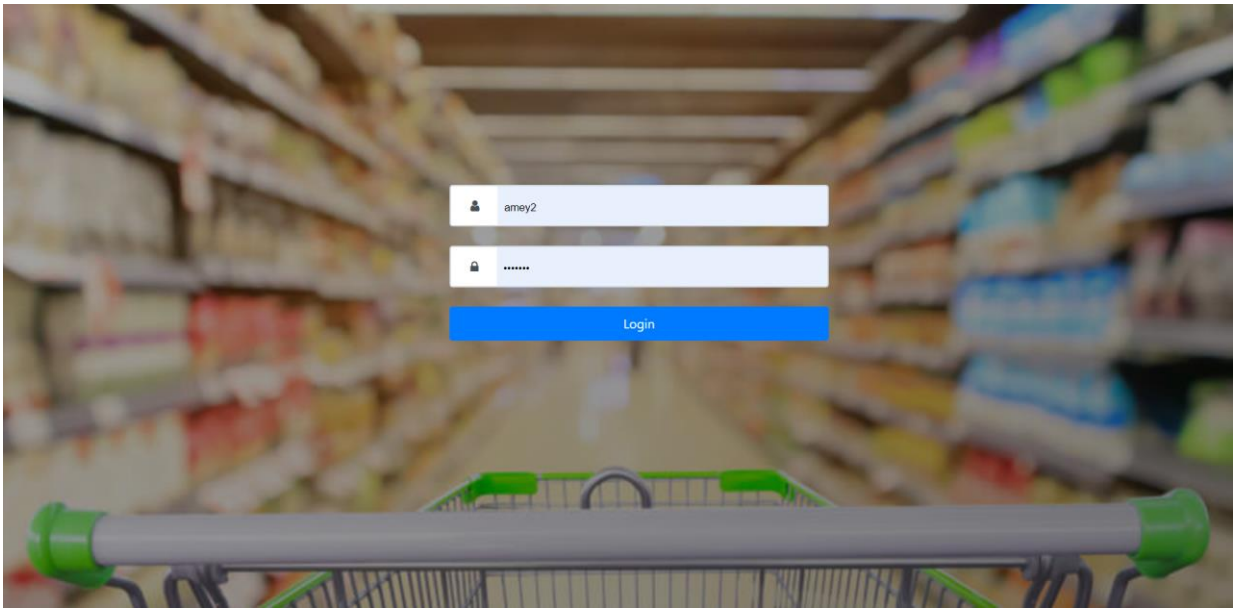
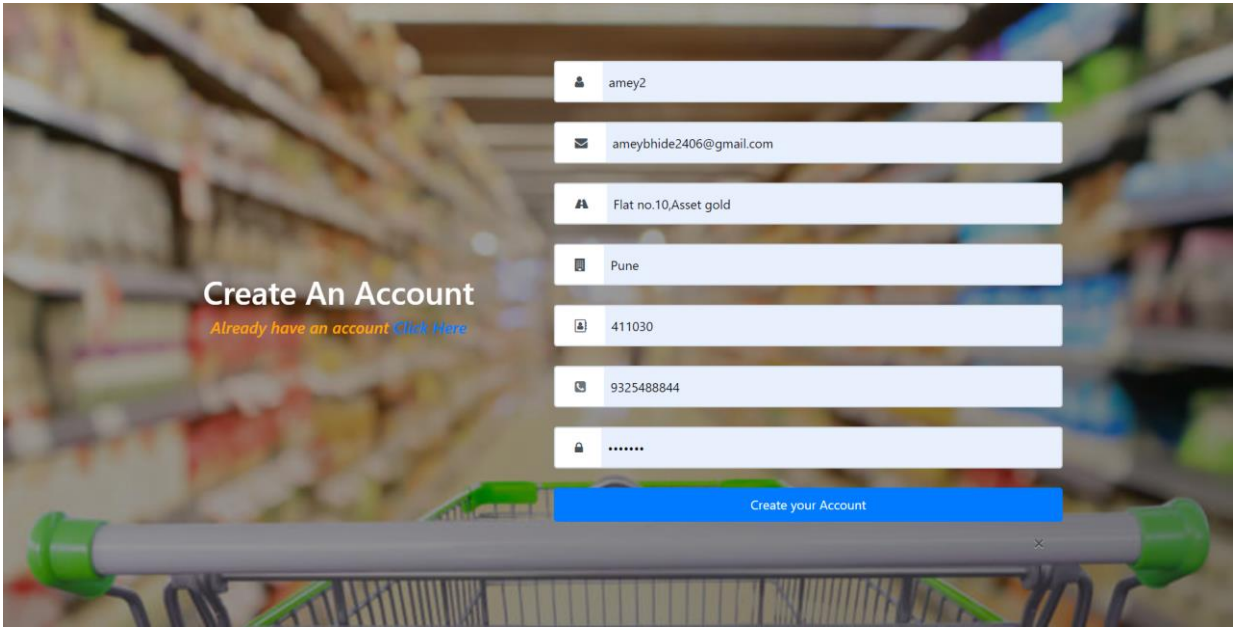
Chapter 3

Database Design



Chapter 4

GUI Screenshots



Grocery Management System

GROCERY MANAGEMENT SYSTEM


HomeProductsCartContact Us

WELCOME TO OUR STORE!

FRESH GROCERIES AT YOUR DOORSTEP!!

Featured Products

VIEW MORE




Maggi

₹20

It's the most-loved meal across all ages. Made from the choicest roasted spices and quality ingredients, everyone has their own style of cooking it. But what really brings its goodness is the love you make it with.

Add to Cart




Milk

₹58

Pure Milk

Add to Cart




Wheat

₹62

Wheat is a grass widely cultivated for its seed, a cereal grain which is a worldwide staple food. Each packet is of 500gm.

Add to Cart




Walnut

₹88

Pure Walnuts Each Packet contains 100gm

Add to Cart




Rice

₹62

Each Packet Contains 500gm of rice

Add to Cart



Almond

₹140

Almonds help your ticker stay healthy. They lower LDL (bad) cholesterol and are packed with vitamin E, magnesium and potassium, which helps oxygen and nutrients flow more freely through the blood. Each Packet Contains 100gm.

Add to Cart

About Us

What began little, with a solitary idea of a store that provides robots and the basic thought of moving more for less, has become in the course of the last 40 years into the biggest retailer in this whole country. Every week, about 280 million clients and individuals visit our in excess of 13,000 stores under 50 standards in 27 nations and eCommerce sites in 10 nations. With financial year 2018 income of \$500.3 billion, "Organization Name" utilizes over 2.2 million partners around the world.

We are students of Panel 4. This is our Mini Project for the Subject of WTL

| Sr No | Roll No | Name | ERP |
|-------|---------|----------------|------------|
| 1 | PD00 | Rajat Belgundi | 1032180203 |
| 2 | PD01 | Kartik Bhutda | 1032180229 |
| 3 | PD02 | Arney Bhide | 1032180301 |
| 3 | PD02 | Divyang Bagla | 1032180739 |

No base request amount required.

Free home delivery on requests above ₹200.

We carry all over Pune.

Request before 12:00pm on weekdays for same day dispatch.

Read More

Want to know more ?

Reach out to us at grocerypune@gmail.com

Contact Us

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Grocery Management System

GROCERY MANAGEMENT SYSTEM


[Home](#)[Products](#)[Cart](#)[Contact Us](#)

GROCERIES AT YOUR DOORSTEP

PRODUCTS

Search

Search




Maggi

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Almond

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Almonds help your ticker stay healthy. They lower LDL (bad) cholesterol and are packed with vitamin E, magnesium and potassium, which helps oxygen and nutrients flow more freely through the blood. Each Packet Contains 100gm

Add to Cart




Bread

₹22

Each packet contains 1 dozen slices of bread

Add to Cart




Cashewnuts

₹180

Each Packet Contains 100gm

Add to Cart



Parle-G

₹10

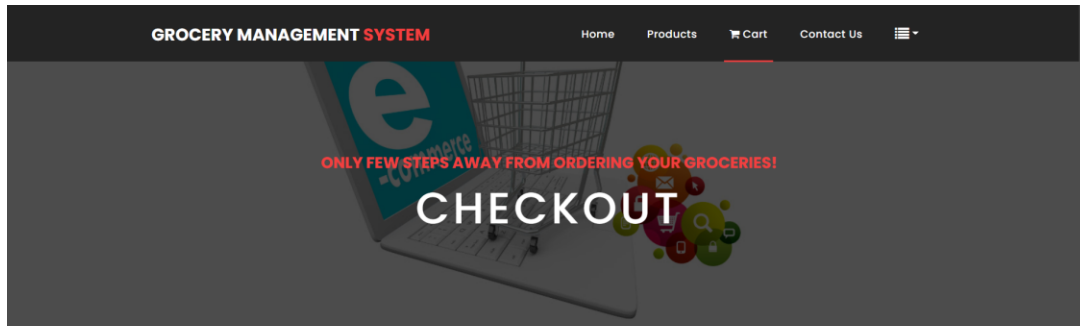
Parle-G

Add to Cart

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SCET, MIT-WPU



Cart (1 items)



Wheat

QUANTITY: 1

UNIT: GRAM

COLOR: NOT APPLICABLE

SIZE: MEDIUM

[REMOVE ITEM](#)

(Note, 1 piece)

62.0₹

The total amount of

Temporary amount 62.0₹

Shipping Applicable

The total amount of
(including GST) **65.1₹**

[go to checkout](#)

☐ Do not delay the purchase, adding items to your cart does not mean booking them.

Expected shipping delivery

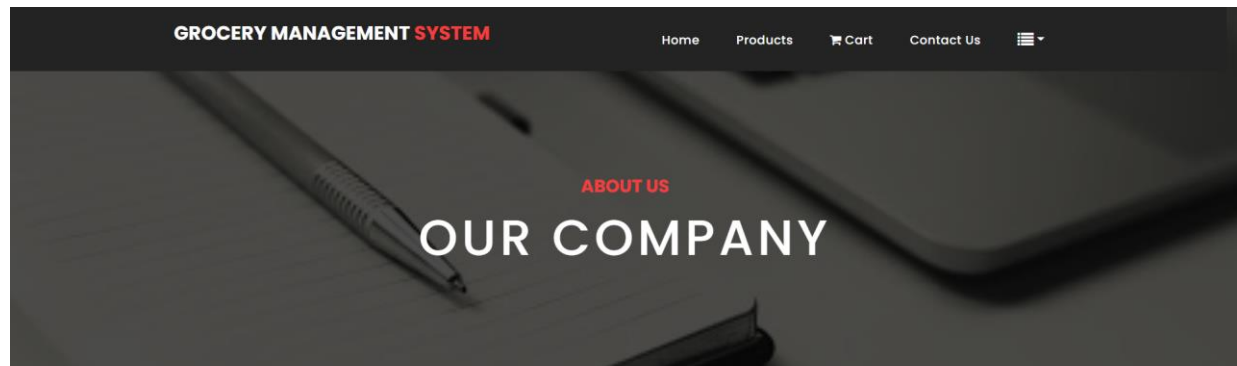
2021-01-31

We accept



| | |
|-----------|-------|
| Sub-total | 62.0₹ |
| GST | 5% |
| Total | 65.1₹ |

| | |
|--|--------------------------|
| Title: | Name: |
| -- Choose -- | amey2 |
| Email: | Phone: |
| ameybhide2406@gmail.com | 9325488844 |
| Address 1: | Address 2: |
| Flat no.10,Asset gold, 841/1,Sadashiv peth | 411030 |
| City: | State: |
| Nashik | Andhra Pradesh |
| Zip: | Country: |
| 411030 | India |
| Payment method | |
| -- Choose -- | |
| <input type="checkbox"/> I agree with the Terms & Conditions | |
| Back | Checkout |



Visit Us for quality products !!



About Us

What began little, with a solitary idea of a store that provides rebate and the basic thought of moving more for less, has become in the course of the last 40 years into the biggest retailer in this whole country. Every week, about 285 million clients and individuals visit our in excess of 13,200 stores under 55 standards in 27 nations and eCommerce sites in 10 nations. With financial year 2018 income of \$500.3 billion, 'Organization Name' utilizes over 2.2 million partners around the world.



History

Our Organization keeps on being an innovator in support ability, corporate magnanimity and work opportunity. It's everything part of our relentless promise to making openings and conveying an incentive to clients and networks the world over.

Team Members

About our office

We are students of Panel 4. This is our Mini Project for the Subject of WTL

| Sr No | Roll No | Name | ERP |
|-------|---------|----------------|------------|
| 1 | PD10 | Rajat Belgundi | 1032180203 |
| 2 | PD11 | Kartik Bhutda | 1032180229 |
| 3 | PD12 | Amey Bhide | 1032180301 |
| 3 | PD32 | Divyang Bagla | 1032180739 |

GROCERY MANAGEMENT SYSTEM

HomeProductsCartContact Us

amey2

ameybhide2406@gmail.com

Flat no.10,Asset gold, 841/1,Sadashiv peth

Nashik,411030

9325488844

Street

Flat no.10,Asset gold, 841/1,Sadashiv peth

City

Nashik

PinCode

411030

Mobile

9325488844

Update

Order Details

Payment Via: Cash On delivery

Maggi

QUANTITY: 1

UNIT: GRAM

COLOR: NOT APPLICABLE

SIZE: MEDIUM

20₹

Milk

QUANTITY: 1

UNIT: LITRE

COLOR: NOT APPLICABLE

SIZE: MEDIUM

58₹

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Our Location on Maps



About our office

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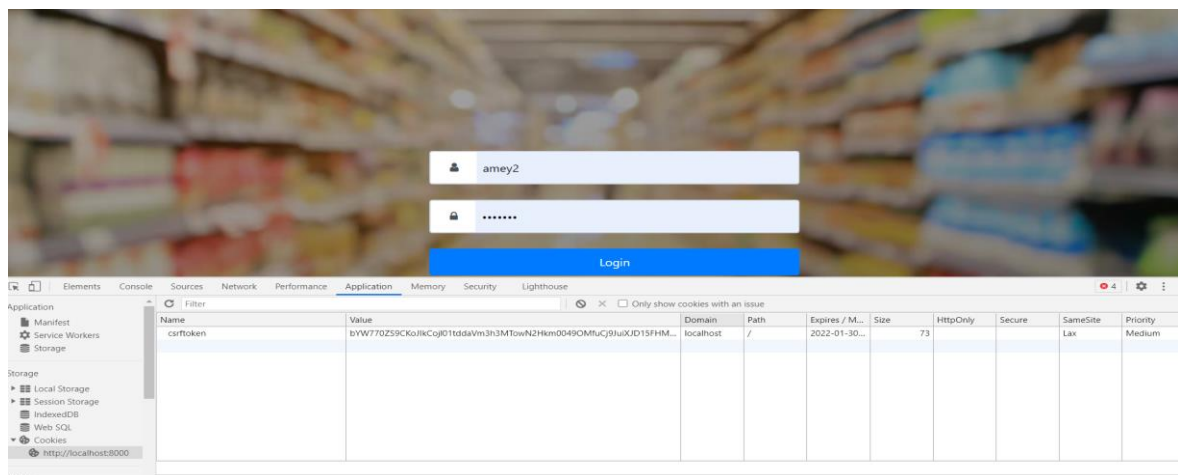
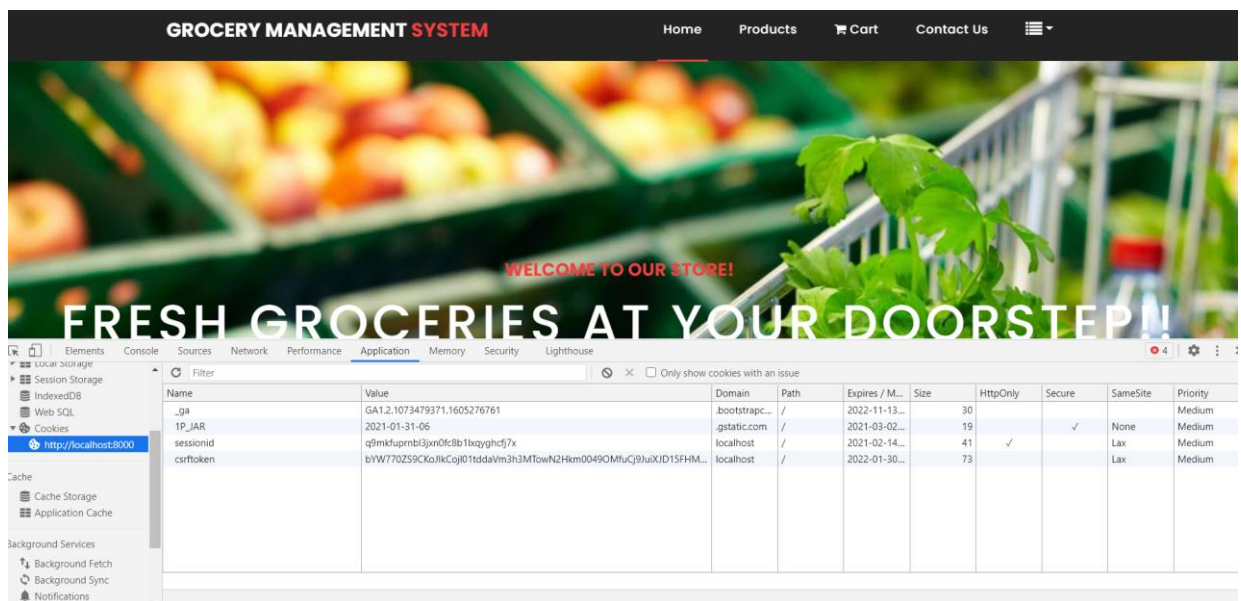


Send us a Message

Chapter 5

Session Handling Details

As soon as customer logs in to the website, the session ID will be created for the customer. The customer's current information will be stored in that session ID. Whenever the customer logs out of the website, the session ID will be flushed.



Chapter 6

Conclusion

The implemented system automates the tasks involved in managing the grocery store in a efficient way. The system is customer friendly. The system provides the facility to search, order, view products available. This system also provides the facility to view order history and also can view his/her profile and update it. The customer can also provide feedback directly from the website and an automated reply is also sent via email (using SMTP). Thus, this e-commerce website helps the store owner to manage his business in an easy and efficient way.

Source Code :- <https://github.com/bagladivyang03/grocery-management>

Chapter 7

Bibliography

- [1] <https://docs.djangoproject.com/en/3.1/>
- [2] <https://www.django-rest-framework.org/>
- [3] <https://getbootstrap.com/docs/4.1/getting-started/introduction/>

Chapter 8

Appendix

8.1 Tool used :-

- My SQL
- Django
- HTML5
- CSS
- BootStrap
- Django Rest Framework
- SMTP
- Pillow
- Java Script

8.2 Plagiarism Report :-

