

**MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY
ALLAHABAD, INDIA-211004**



**A PROJECT REPORT
ON**

**Go Green
(An E-commerce project)**
Submitted to
Prof. M.M Gore

In Partial fulfilment of the Requirement for the Award of
MASTER OF COMPUTER APPLICATIONS
MNNIT ALLAHABAD
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Certificate

This is to certify that the project titled “**Go Green**” has been developed by **Asmit Mohan(2020CA018), Harinandan Kumar(2020CA030), Krishanu dev(2020CA035), Madhuri Kumari(2020CA036), Mayank Kumar Pathak(2020CA040), Neelu Sharma(2020CA047), Priti Kumari(2020CA062), Ritvik Raj(2020CA071), Rashmi Bharti(2020CA067), Yash Dhawan(2020CA107)** under my supervision in partial fulfilment for the award of degree in **Master of Computer Applications (MCA)** for the session 2020-23.

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Project Guide

Prof. M.M Gore

DECLARATION

The work presented in our Project titled **Go Green** , submitted to Computer Science and Engineering Department, **Motilal Nehru National Institute of Technology, Allahabad, Prayagraj** for the award of Master of Computer Applications, is our original work. We have neither plagiarized nor submitted the same work for the award of any other degree. In case this undertaking is found incorrect, we accept that our degree maybe withdrawn.

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At last, we must express our sincere heartfelt gratitude to all the staff members of Computer Science and Engineering Department who helped us directly or indirectly during this course of work.

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ABSTRACT

This project is aimed at developing a Web application that depicts online Shopping of plants, seeds, fertilizers, flowers etc. products. Using this software, companies can improve the efficiency of their services. Online Shopping is one of the applications to improve the marketing and sale of the company's products. This web application involves all the basic features of the online shopping.

Contents

1	Introduction	7
1.1	Introduction to the System	7
1.2	Problem Definition	7
1.3	Aim	7
1.4	Objective	7
2	Hardware and Software requirement	8
2.1	Introduction	8
2.2	System environment	8
2.3	Software requirements	8
2.4	Hardware requirements	9
3	System Design	10
3.1	Use Case Diagram	10
3.2	ER Diagram	11
4	Information Flow Diagram (IFD)	12
5	User Screens	13
6	Conclusion	22
6.1	Features of “Go Green”	22
6.2	Benefits Accrued from “Go Green”	23
6.3	Limitations of “Go Green”	23
7	Future Scope	24

Chapter 1

Introduction

1.1 Introduction to the System

This project is aimed at developing a Web application that depicts online Shopping of plants, seeds, fertilizers, flowers etc. products. Using this software, companies can improve the efficiency of their services. Online Shopping is one of the applications to improve the marketing and sale of the company's products. This web application involves all the basic features of the online shopping.

1.2 Problem Definition

Managing your Online Nursery Store System may seem tricky, but this is part of Customer Service System (application support direct contact with customer)

1.3 Aim

To manage online shopping of plants, flowers, seeds and fertilizers

1.4 Objective

This software helps customer to find different nursery products according category, occasion, price and subcategory. It is designed such a way that one can view all the updates of the products from any place through online. The software will help in easy maintaining and updating products in the website for the administrator. Also quick and easy comparison of different products for the customers.

Chapter 2

Hardware and Software requirement

2.1 Introduction

In this chapter we mentioned the software and hardware requirements, which are necessary for successfully running this system. The major element in building systems is selecting compatible hardware and software. The system analyst has to determine what software package is best for the “E Nursery System” and, where software is not an issue, the kind of hardware and peripherals needed for the final conversion.

2.2 System environment

After analysis, some resources are required to convert the abstract system into the real one. All the resources, which accomplish a robust The hardware and software selection begins with requirement analysis, followed by a request for proposal and vendor evaluation.

Software and real system are identified. According to the provided functional specification all the technologies and its capacities are identified. Basic functions and procedures and methodologies are prepared to implement. Some of the Basic requirements such as hardware and software are described as follows: -

Hardware and Software Specification

2.3 Software requirements

- Framework: Django

- IDE : Pycharm/Atom
- Client Side Technologies: HTML, CSS, JavaScript , Bootstrap
- Server Side Technologies: Python
- Data Base Server: Sqlite
- Operating System: Microsoft Windows/Linux

2.4 Hardware requirements

- Processor: Pentium-III (or) Higher
- Ram: 64MB (or) Higher
- Hard disk: 80GB (or) Higher

Chapter 3

System Design

3.1 Use Case Diagram

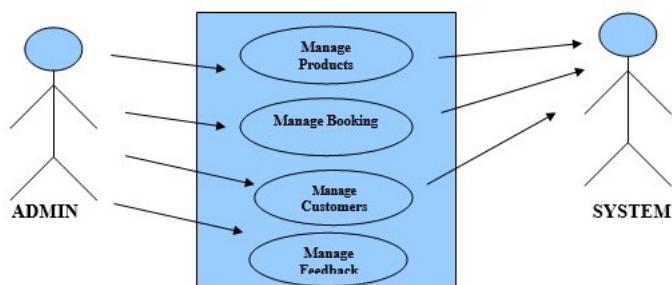


Fig 3.1.1 : Admin Use Case Diagram

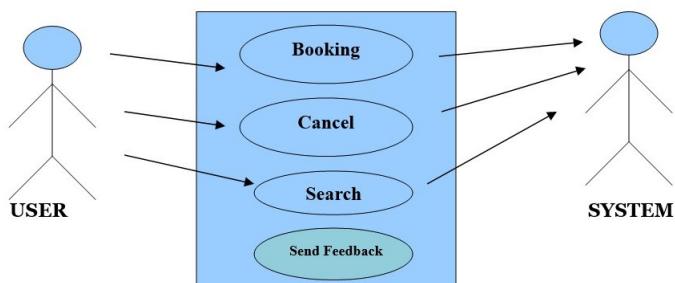


Fig 3.1.2 : User Use Case Diagram

3.2 ER Diagram

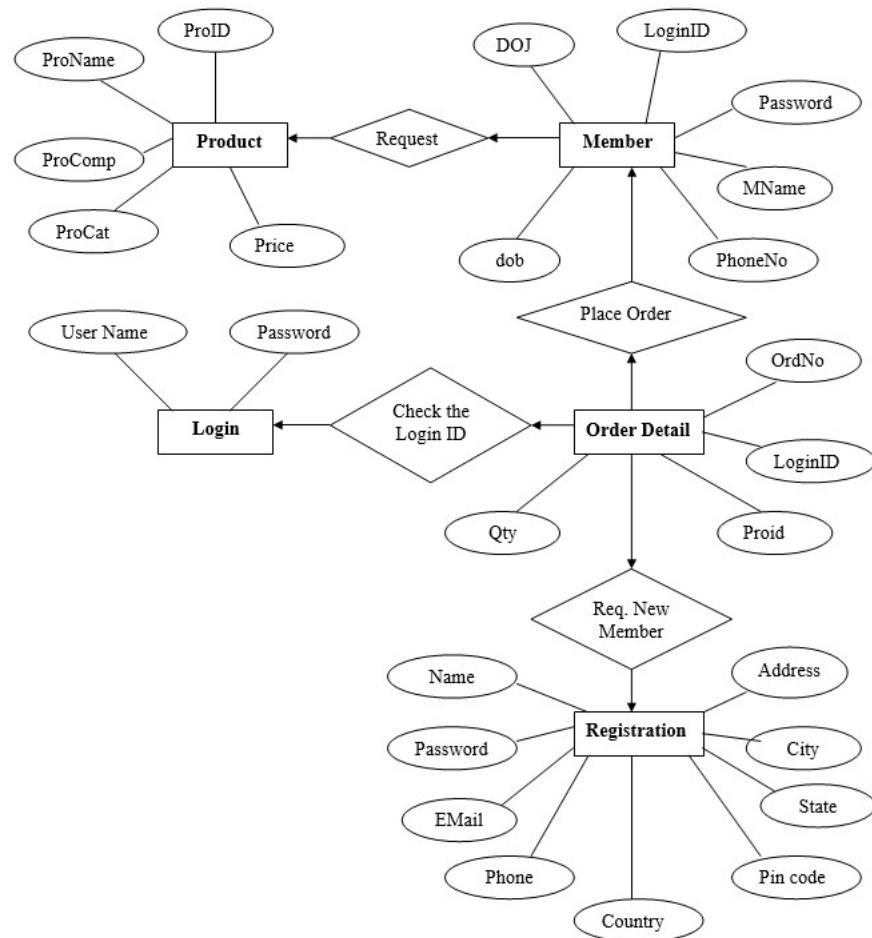


Fig 3.2.1 : ER Diagram

Chapter 4

Information Flow Diagram (IFD)

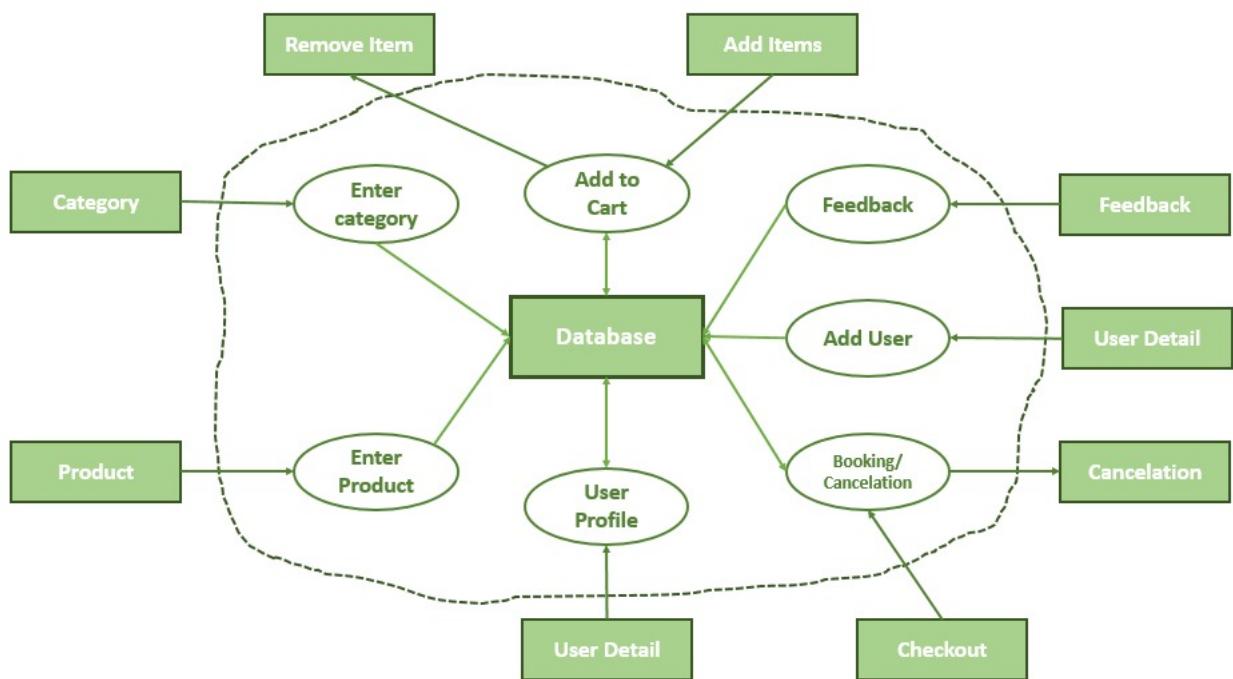


Fig 4.1 : Information Flow Diagram

Chapter 5

User Screens

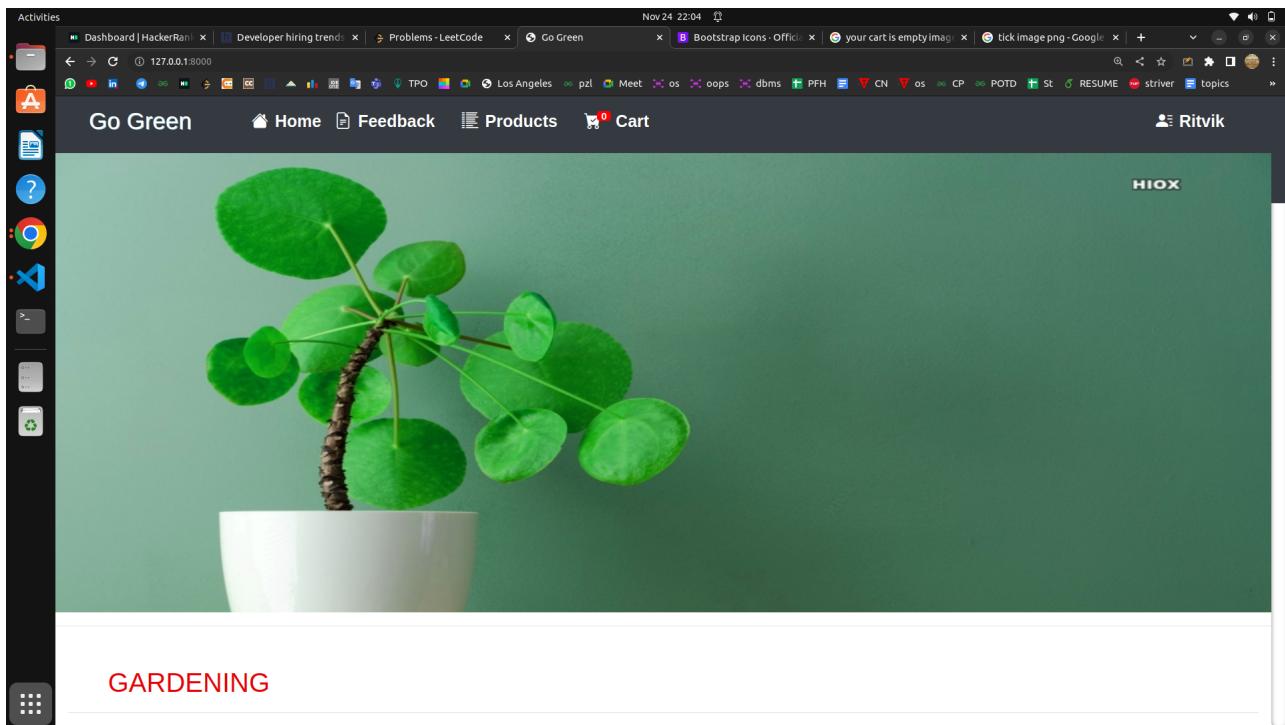


Fig 5.1 : Landing Page

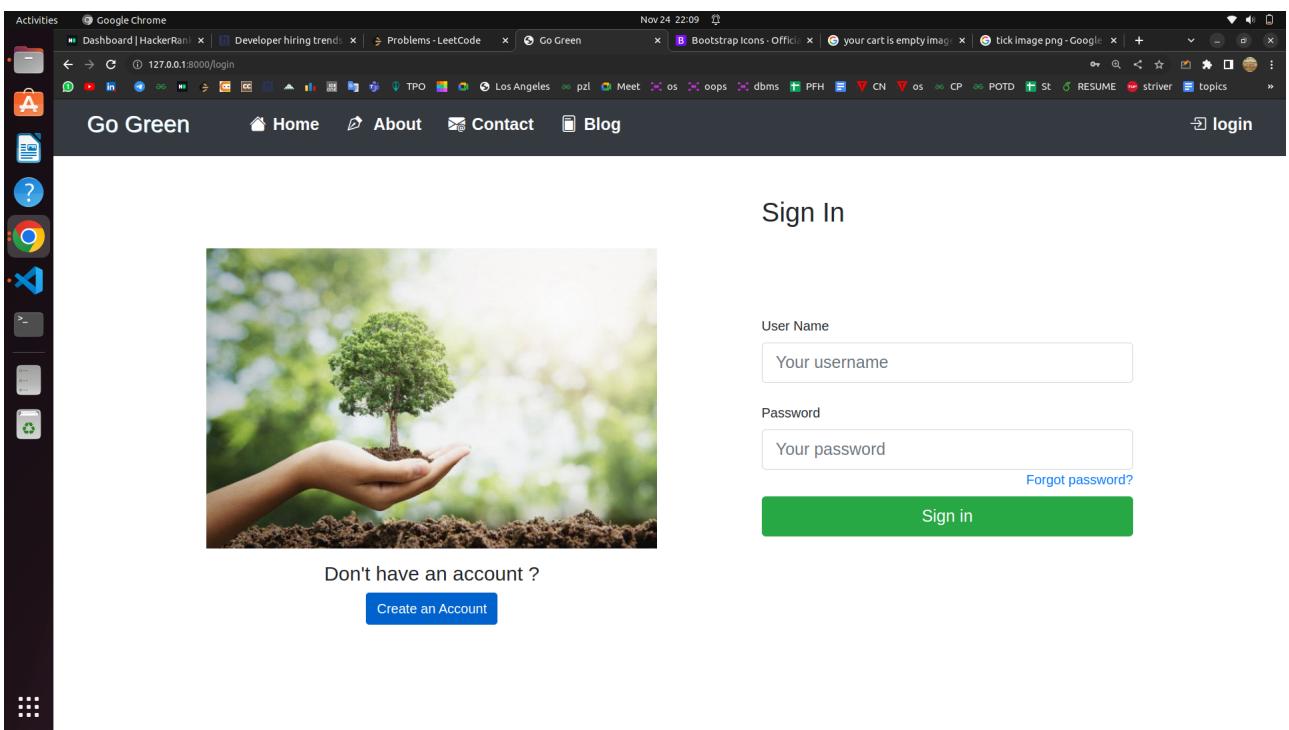


Fig 5.2 : Login Page

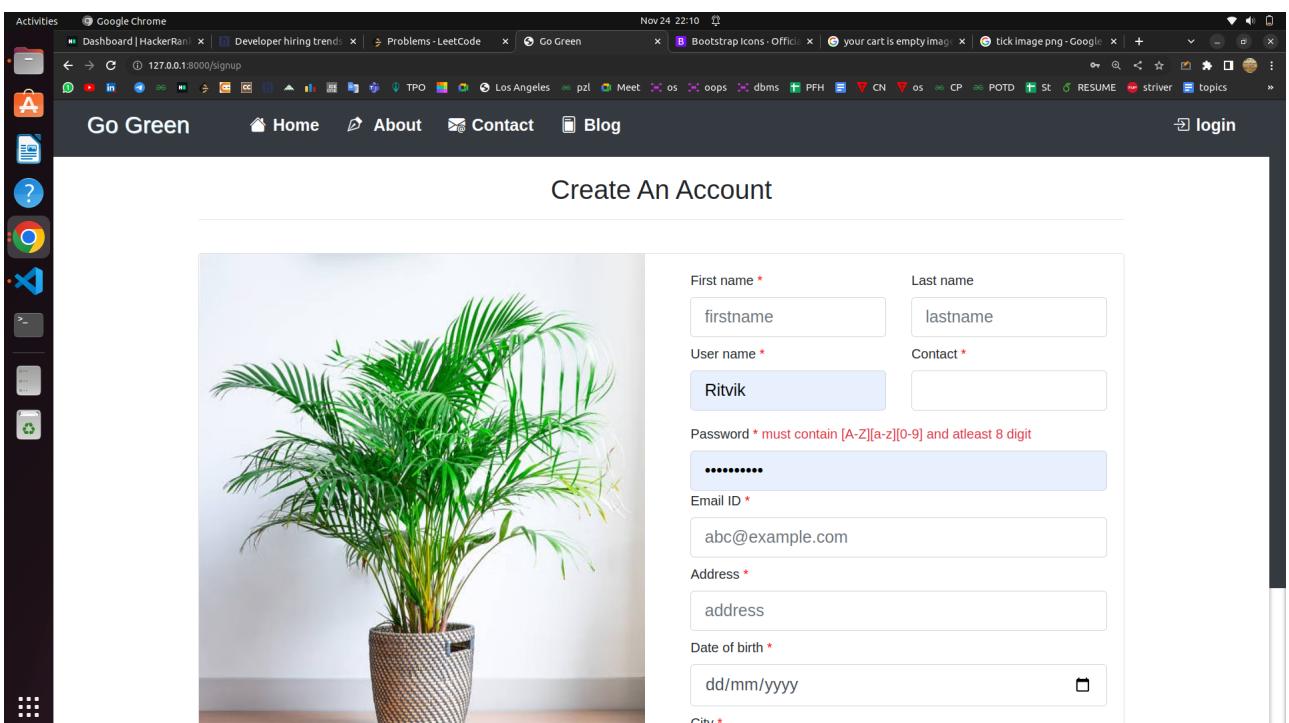


Fig 5.3 : Signup Page

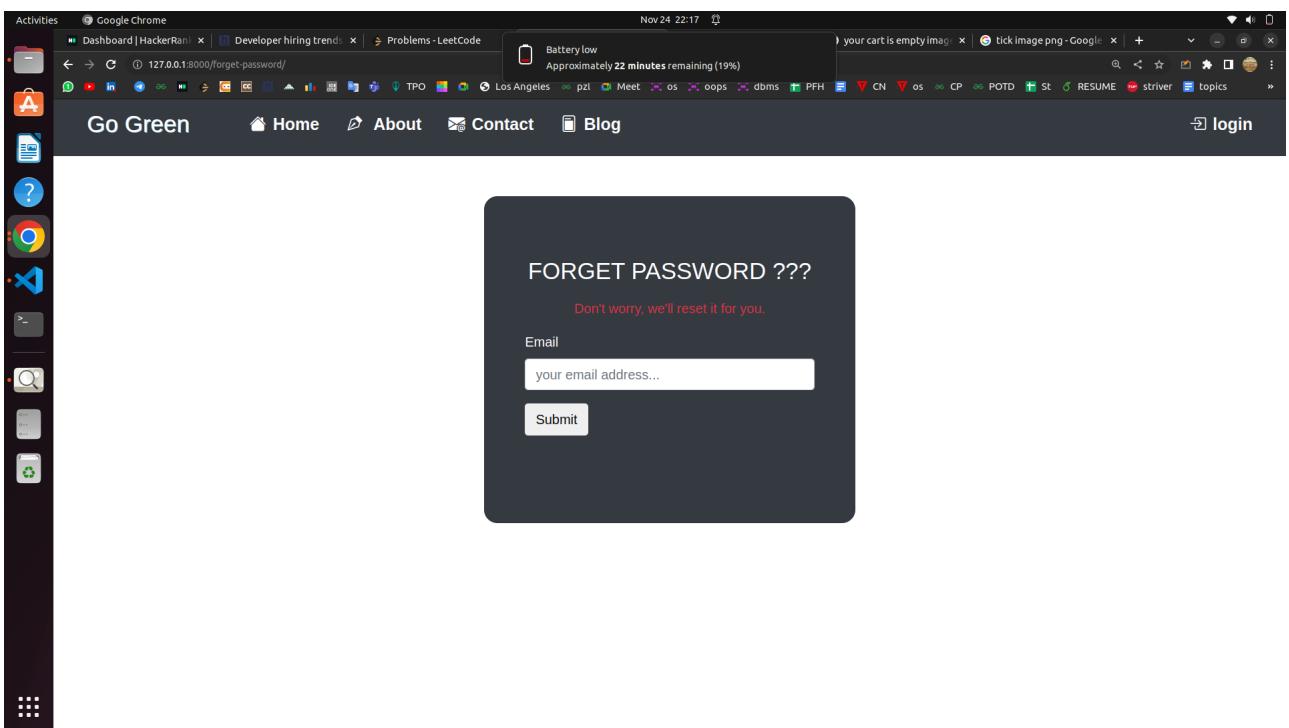


Fig 5.4 : Forget Password Page

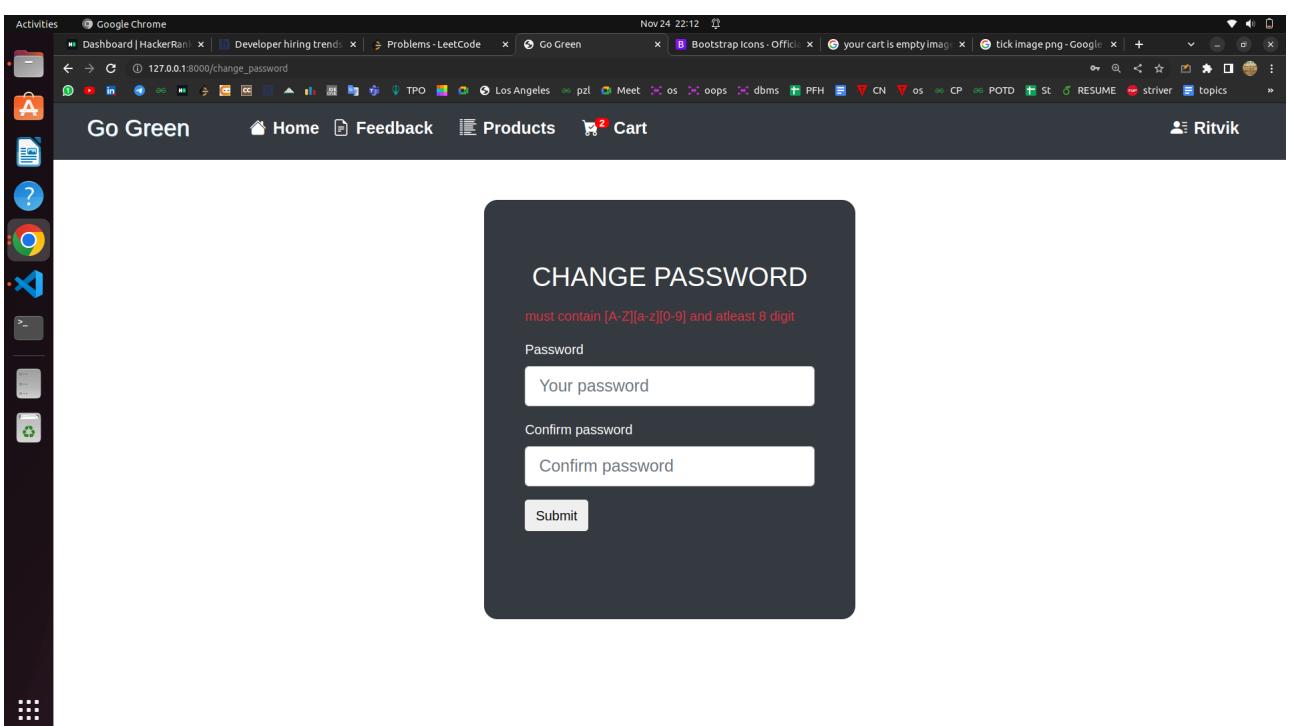


Fig 5.5 : Change Password Page

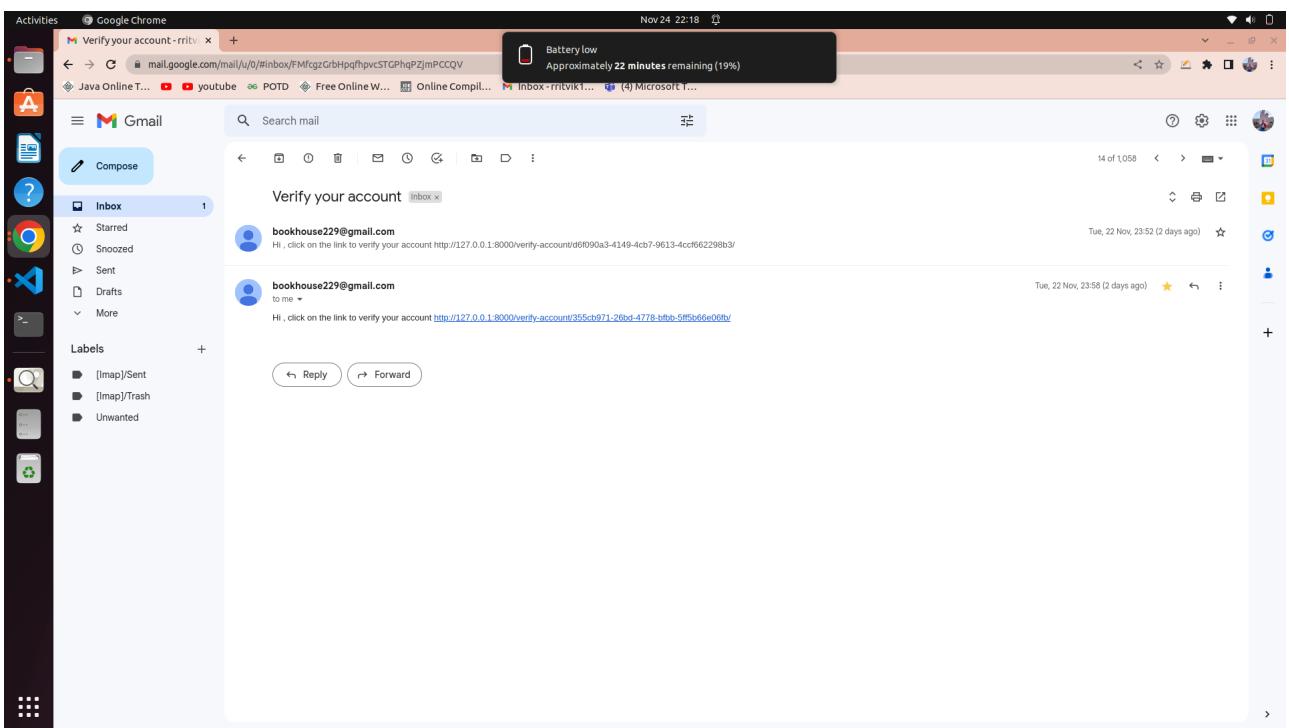


Fig 5.6 : Email Authentication Page

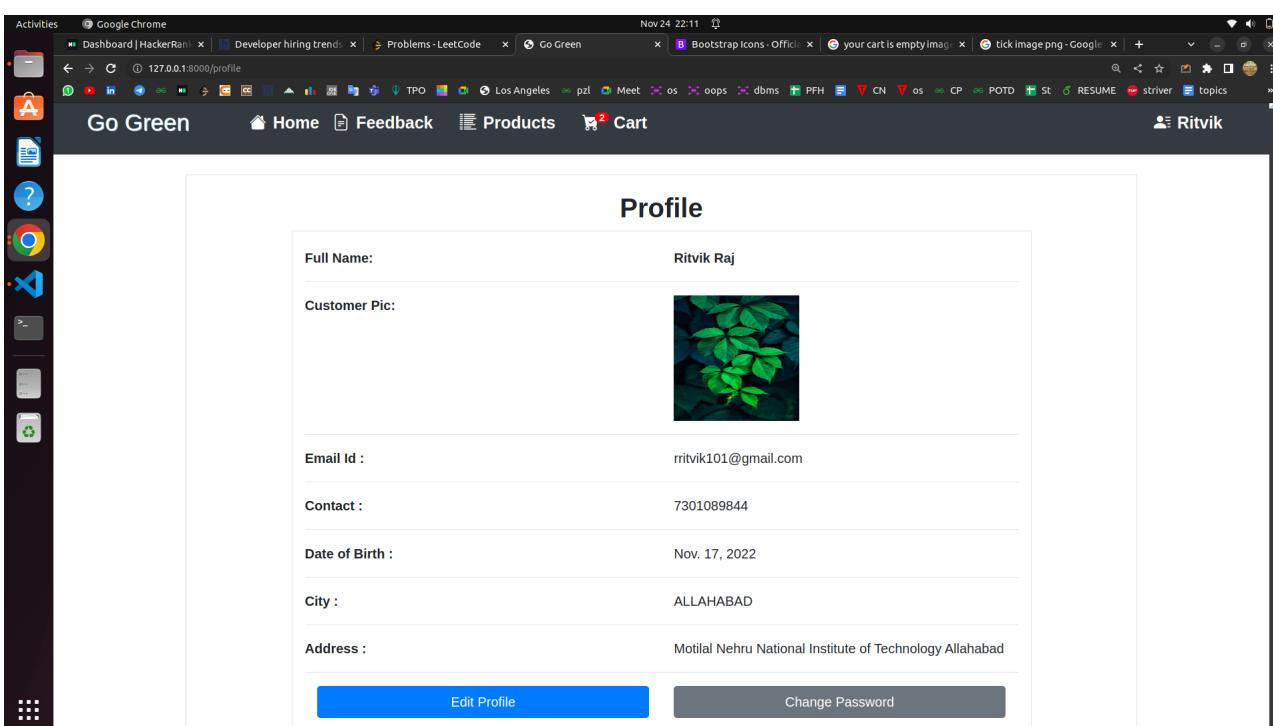


Fig 5.7 : Profile Page

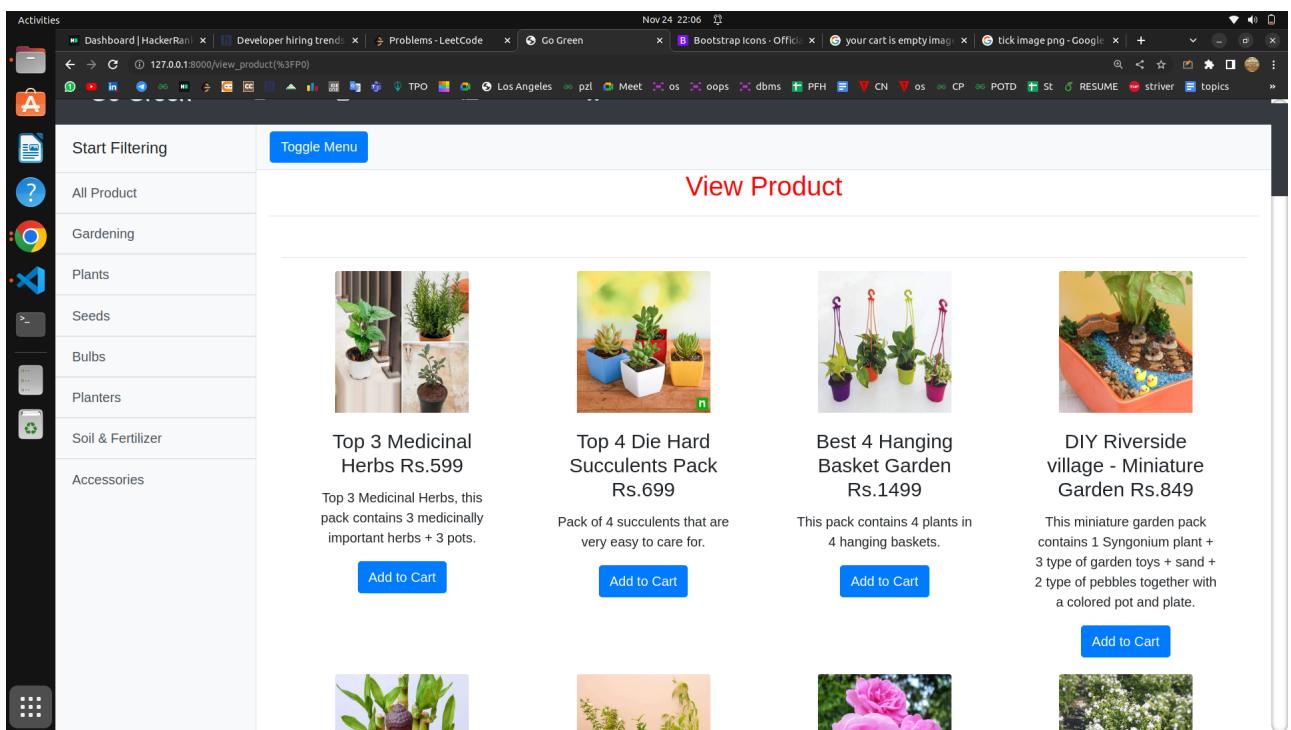


Fig 5.8 : All Products Page

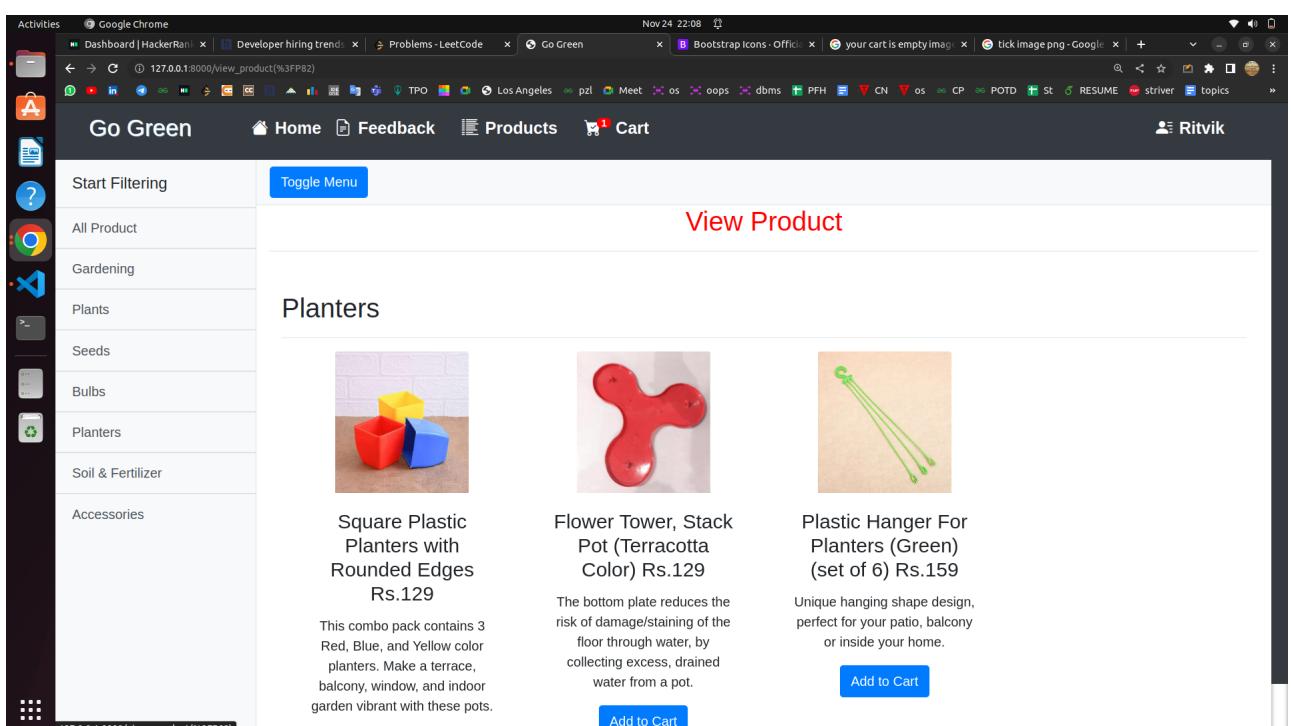


Fig 5.9 : Filter Search Page

Booking Id: Ritvik.310.313

Customer Name: Ritvik

Booking Date: Nov. 24, 2022

Email: rritvik101@gmail.com

City: ALLAHABAD

Contact: 7301089844

Address: Motilal Nehru National Institute of Technology Allahabad

Total: 1698

confirm

Fig 5.10 : Booking Detail Page

Show 10 entries

Search:

Sr. No	Booking ID	Booking Date	Quantity	Total	Status	View Product	Cancel Booking
1	Ritvik.309	Nov. 24, 2022	1	1198	Success	detail	cancel
2	Ritvik.310.313	Nov. 24, 2022	2	1698	Success	detail	cancel

Showing 1 to 2 of 2 entries

Previous 1 Next

Fig 5.11 : Booking History Page

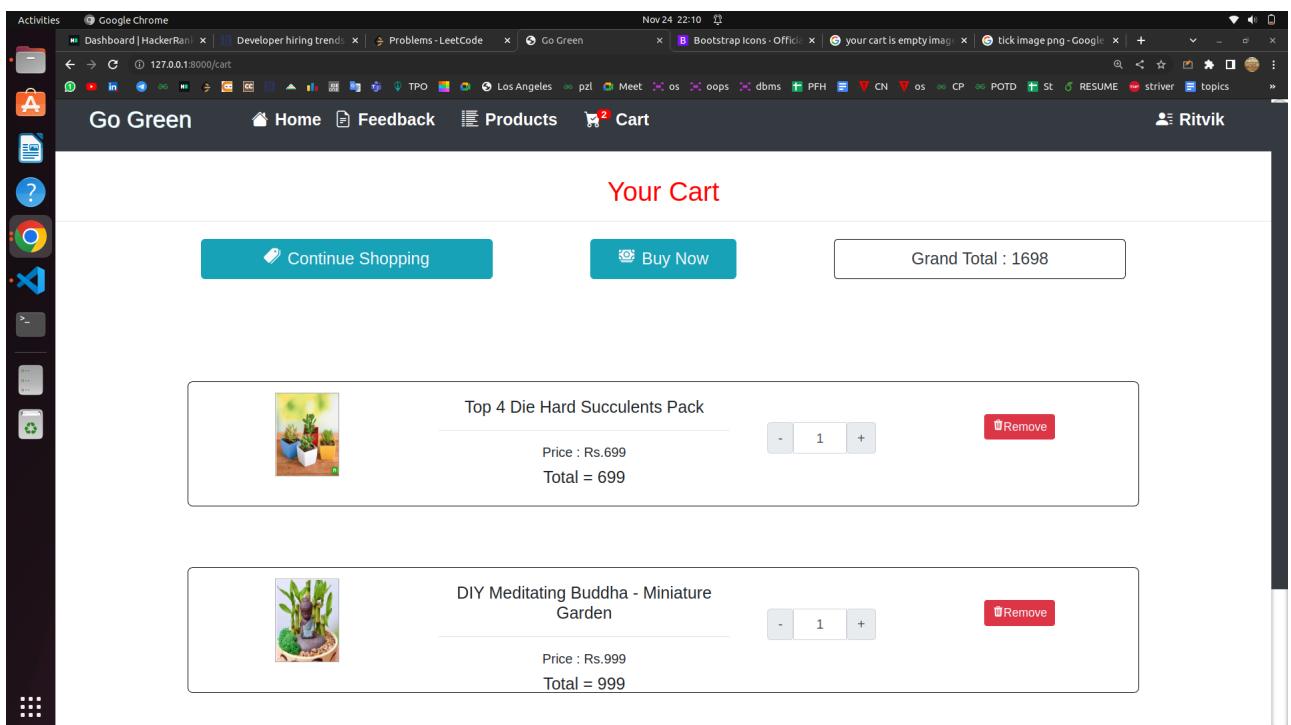


Fig 5.12 : Cart Page

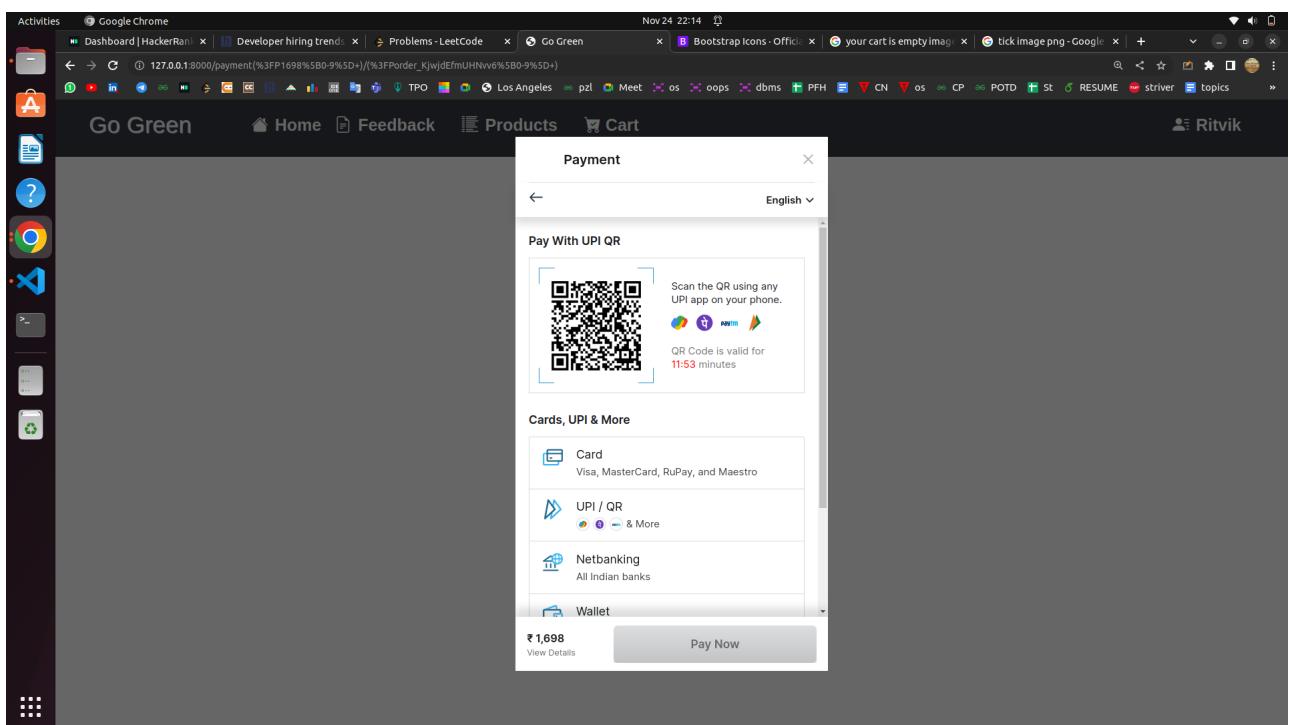


Fig 5.13 : Payment Gateway Page

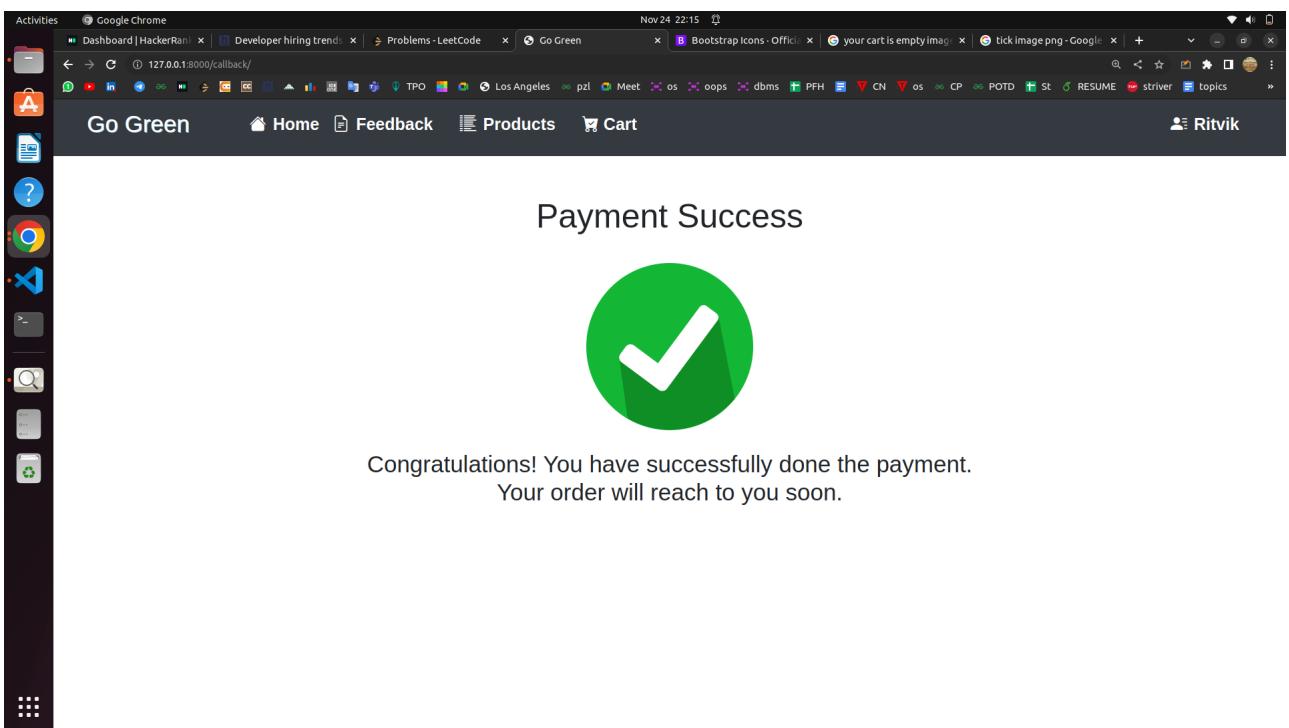


Fig 5.14 : Payment Success Window Page

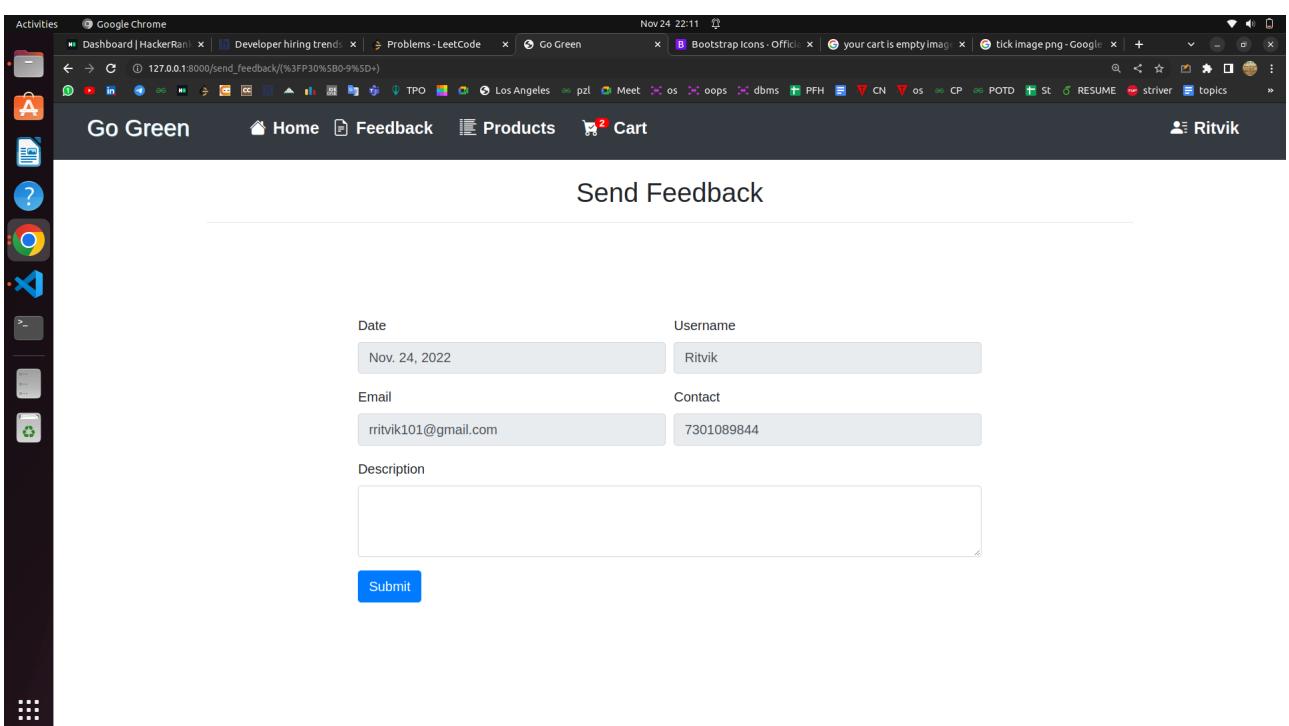


Fig 5.15 : Feedback Page

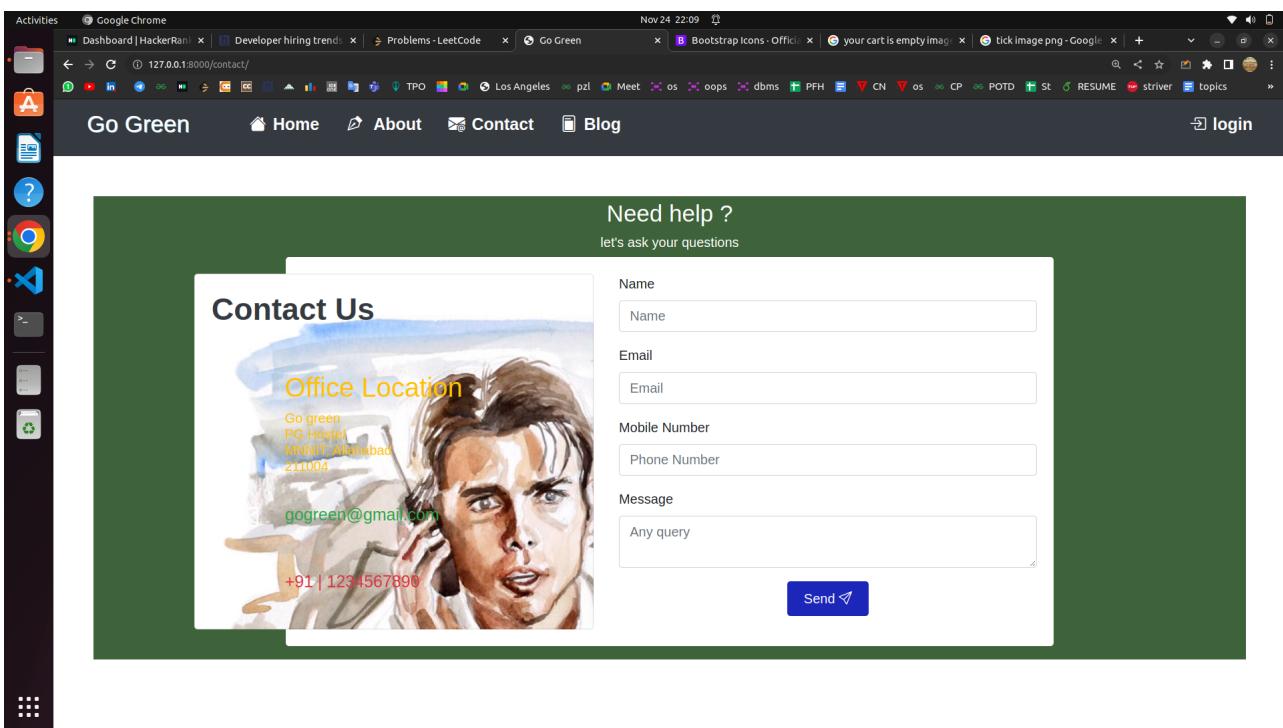


Fig 5.16 : Contact Us Page

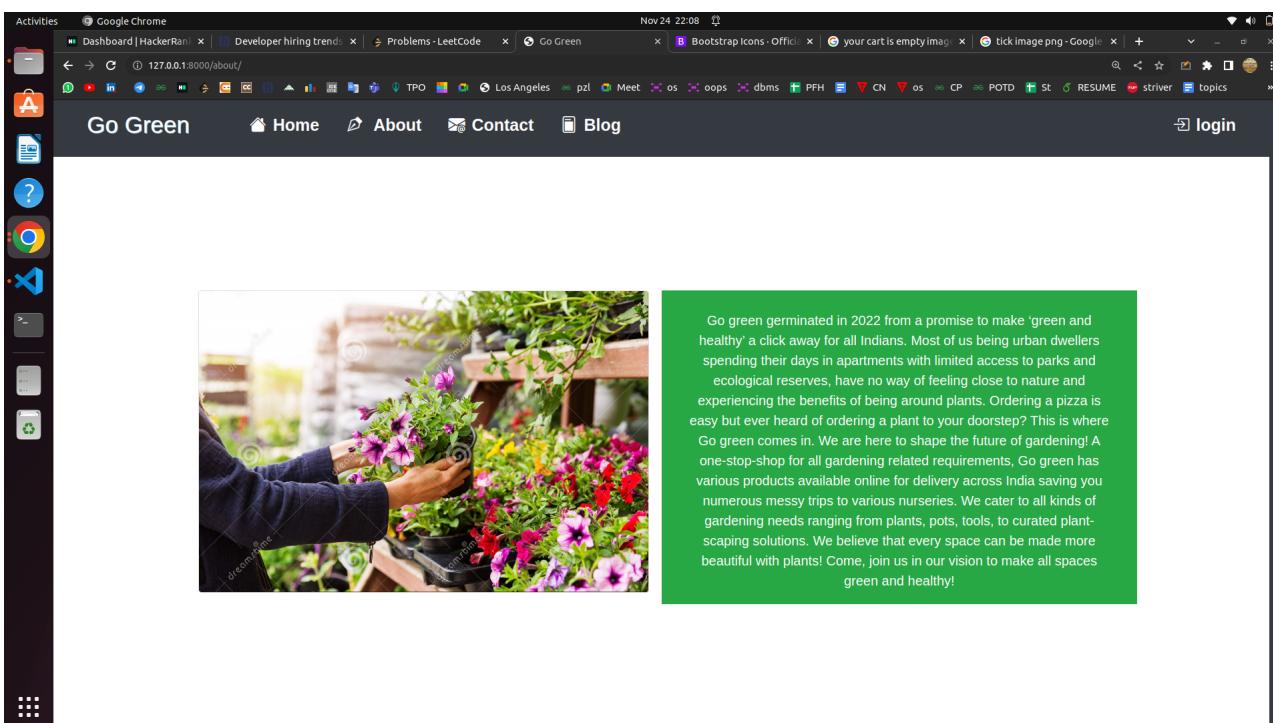


Fig 5.17 : About Us Page

Chapter 6

Conclusion

The project entitled “Go Green” is developed using HTML, CSS and javascript as frontend and Python programming language and Sqlite database in backend to computerize the process of online shopping. This project covers only the basic features required.

6.1 Features of “Go Green”

“Go Green” provides various features, which complement the information system and increase the productivity of the system. These features make the system easily usable and convenient. Some of the important features included are listed as follows:

- Intelligent User Forms Design
 - Data access and manipulation through same forms
 - Access to most required information
- Data Security
- Restrictive data access, as per login assigned only.
- Organized and structured storage of facts.
- Strategic Planning made easy.
- No decay of old Records.
- Exact financial position of the Business.

6.2 Benefits Accrued from “Go Green”

- Intelligent User Forms Design
 - Data access and manipulation through same forms
 - Access to most required information
- Data Security
- Restrictive data access, as per login assigned only.
- Organized and structured storage of facts.
- Strategic Planning made easy.
- No decay of old Records.
- Exact financial position of the Business.

6.3 Limitations of “Go Green”

Besides the above achievements and the successful completion of the project, we still feel the project has some limitations, listed as below:

1. It is not a large scale system.
2. Only limited information provided by this system.
3. Since it is an online project, customers need internet connection to buy products
4. People who are not familiar with computers can't use this software.

Chapter 7

Future Scope

This web application involves almost all the features of the online shopping. The future implementation will be online help for the customers and chatting with website administrator.

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