DEPARTMENT OF INFORMATION TECHNOLOGY

A.P.SHAH INSTITUTE OF TECHNOLOGY

G.B. Road, Kasarvadavali, Thane (W), Mumbai-400615

UNIVERSITY OF MUMBAI

Academic year: 2022-23

Grow Green Enursary

S.E. - I.T Engineering

Submitted By

Janhvi koske **Moodle ID:21104015**

Vedanti Nandvikar **Moodle ID:21104024**

Pranjal kapse **Moodle ID:21104084**

Under The Guidance Of :

Prof. Shital Agarwal

CERTIFICATE

This to certify that the Mini Project report on **Grow Green Enursary** has been submitted by Janhvi koske (21104015), Vedanti Nandvikar(21104024) and Pranjal kapse(21104084) who are a Bonafide students of A. P. Shah Institute of Technology, Thane, Mumbai, as a partial fulfilment of the requirement for the degree in **Information Technology**, during the academic year **2022-2023** in the satisfactory manner as per the curriculum laid down by University of Mumbai.

Prof.RujataChaudhri

Guide

Dr. Kiran Deshpande
Head Department of Information Technology

Dr. Uttam.D.Kolekar
Principal

External Examiner(s)

1.

2.

Place: A.P. Shah Institute of Technology, Thane

Date:

ACKNOWLEDGEMENT

This project would not have come to fruition without the invaluable help of our guide Prof. Shital Agarwal. Expressing gratitude towards our HoD, **Dr. Kiran Deshpande**, and the Department of Information Technology for providing us with the opportunity as well as the support required to pursue this project. We would also like to thank our teacher Ms. Rujata Chaudhari who gave us her valuable suggestions and ideas when we were in need of them. We would also like to thank our peers for their helpful suggestions.

TABLE OF CONTENTS

Chapter 1

Introduction

A nursery is a place where plants are propagated and grown to a desired age. They include retail nurseries which sell to the general public, wholesale nurseries which sell only to businesses such as other nurseries and to commercial gardeners, and private nurseries which supply the needs of institutions or private estates.

Nurseries may supply plants for gardens, for agriculture, for forestry and for conservation biology. Some produce bulk stock, whether seedlings or grafted, of particular varieties for purposes such as fruit trees for orchards, or timber trees for forestry.

Some produce stock seasonally, ready in springtime for export to colder regions where propagation could not have been started so early, or to regions where seasonal pests prevent profitable growing early in the season.

GrowGreen is an online platform which provides information about plants and helps user to purchase plants at tip of their fingers.

Problem Identified :

Researching and visiting multiple nurseries to find the right plant can get quite daunting and time consuming.

Solution Proposed :

The GrowGreen application is an online nursery that allows user to shop plants from the comfort and convenience of your homes.

Using this application, customers can view all the available plants with details such as the plant's cost, level of maintenance required, watering schedule,

Chapter 2

Purpose :

In a nursery, plants are nurtured by providing them with optimum growing conditions to ensure germination. Nursery saves considerable time for the raising of the next crop, Among flower crops, majority of the annuals are propagated by seeds and require a nursery for raising the seedlings.

Objectives :

Following are the objectives of our project :

- To achieve efficiency.
- To create user friendly interface in python.
- To reduce time and efforts of users
- To help user buy plants in one click.
- To provide information and details about plants in one place.
- To provide detailed instructions about maintainance of plants.

Chapter 3

FEATURES AND FUNCTIONALITY :

There are two users Admin and Customer**.**

Admin

The admin can view, add, delete, and update flowering plants details.

Admin has the privilege of viewing customers, plants details, order details and customer reviews.

Customer

Customer can view the plants and their details and add it to their cart or keep it in their wish list.

Customer can view their cart and make payments

Chapter 4

Project Outcomes :

Admin module:-

1. Admin first register and log in himself in the application.

2. He can view the order which can be added to cart from the customer side.

3. He can send order confirmation message to the customer and also if any plant wants to add

4. The application then he can update the information.

5. Admin can logout from the application.

Customer module:-

1. Customer registers and log in himself in the application.

2. He can select the plant item and purchase the plant by comparing prices with different shop keeper.

3. Purchased plant details will be added to the cart.

4. He can pay amount through credit card, debit card, phone pay.

5. If any complaint about the product then he can give the feedback.

6. Customer can Logout from the application.

Chapter 5

Software Requirements :

Python

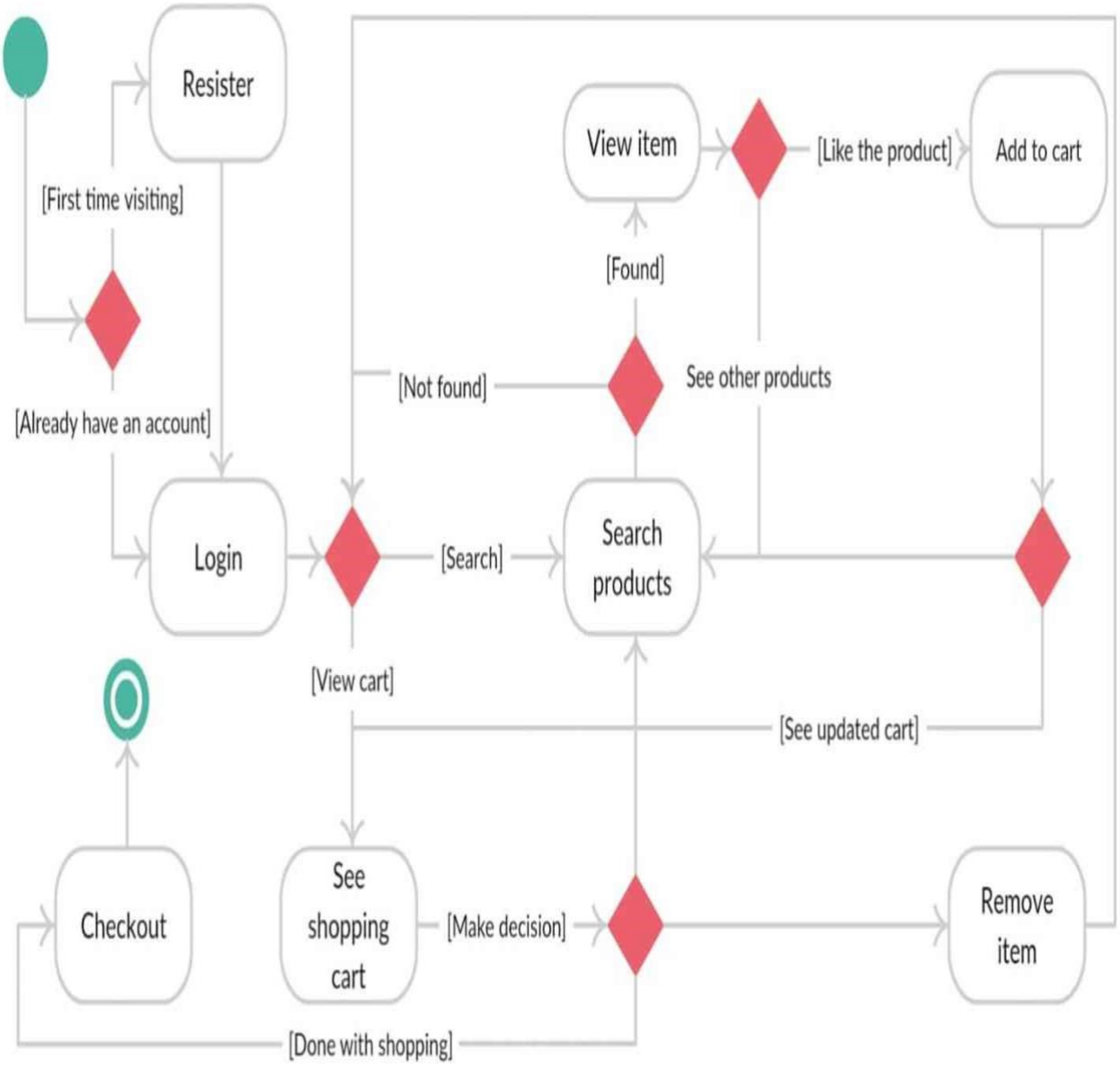
Pycharm

Tkinter Software

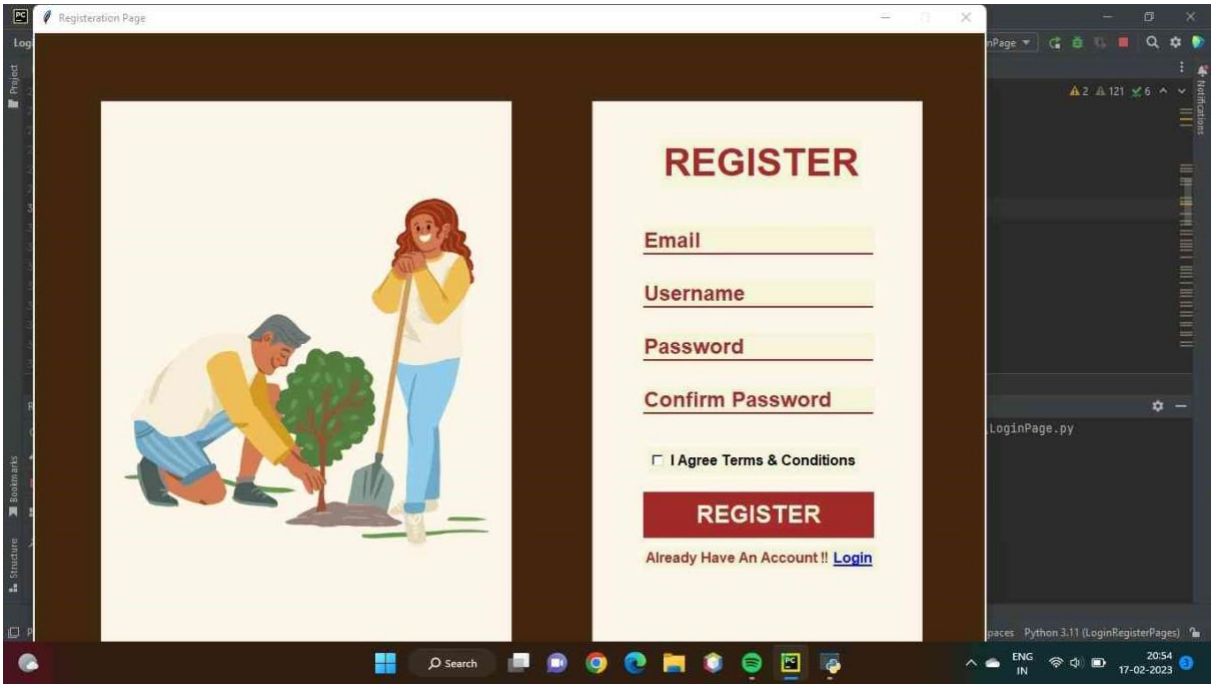
MySQL Database

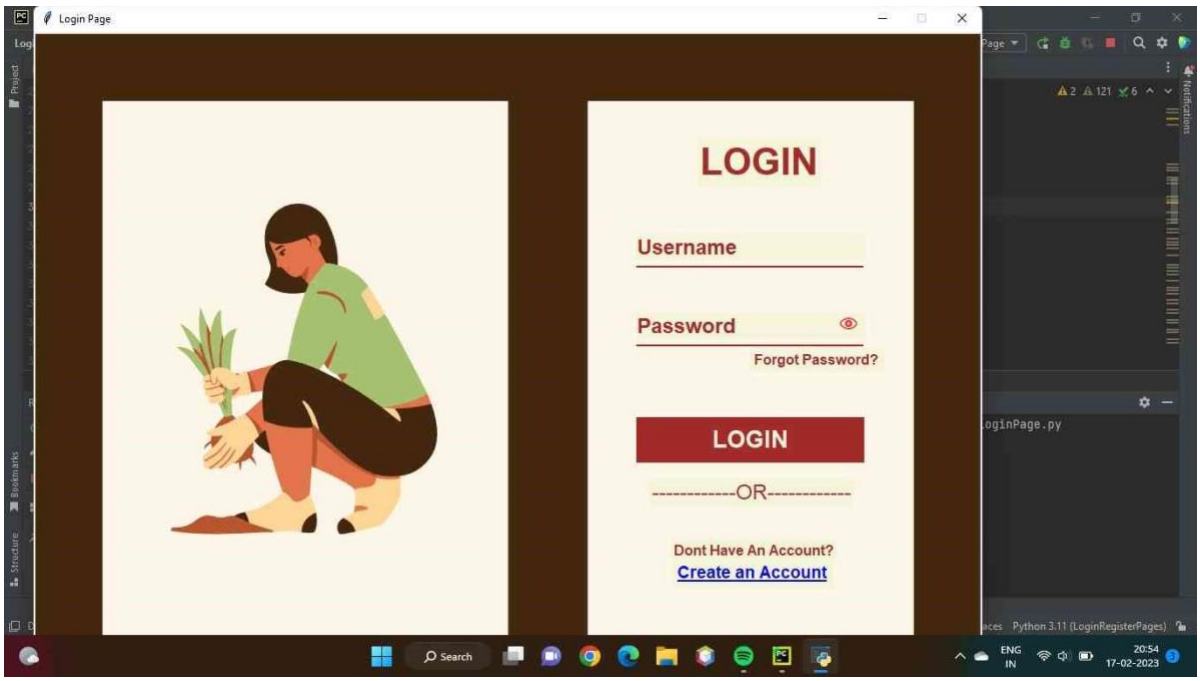
Chapter 6

Project Design :



Implementation :





Chapter 8

Conclusion:

The proposed system can guarantee to keep the records are safe and privacy which is stored in the database. It converts unstructured data

into structured data and sorted format. It is very helpful, reliable and performs

well functional to get an alert message and emails on the cell phone.

1. In this dissertation, we have developed an approach to allow customers to buy plants without even visiting shop.
2. Being able to buy anytime, anywhere, any place.
3. Site enables them to browse before they shop, and to research the product so they have more confidence in what they are buying.
4. Online shopping becomes more enjoyable and easier than real- world shopping.
5. It provides online payment system.
6. Customer can track their order detail and give the feedback if any problem occur during shipment.

References :

- https://youtu.be/B6F_stWahA_4
- https://youtu.be/7jgIr96VBV_E
- https://youtu.be / - _oPksHOAwN_M

Chapter 7

Project Scheduling:

Sr. No	Group Member	Time duration	Work to be done
1.	Janhvi koske Pranjal kapse Vedanti Nandvikar	In the month of January.	Creating GUI using Tkinter design of Language translator, Spelling Autocorrector, Taking dictionary.
2.		In the month of February.	Adding more features like Word Game and Text to Speech.
3.		In the month of March and April.	Adding data sets and final completion of project.