



Laxmi Honey Industry E-commerce System

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Introduction

The objective of this backend is to build a secure and efficient CRUD application for user signup, user login, managing products, adding product to cart, placing orders in Laxmi Honey Industry E-commerce System using Python. The backend adheres to best practices from the development phase of agile methodology.

Backend (Crud Application)

Backend for Laxmi Honey Industry E-Commerce System is a system that is designed to effectively handle the basic activities of adding, removing, updating and deleting (CRUD) user's data, products data, orders. The system uses SQLite 3 for (CURD) operation in this system for storing data permanently, retrieving data, updating data, etc. Likewise it also has one database having different tables user, products, cart items, orders etc. It also has different functions which perform different tasks such as handle transactions, adjust quantity in cart, placing orders and uploading profile pictures etc.

Products Management GUI

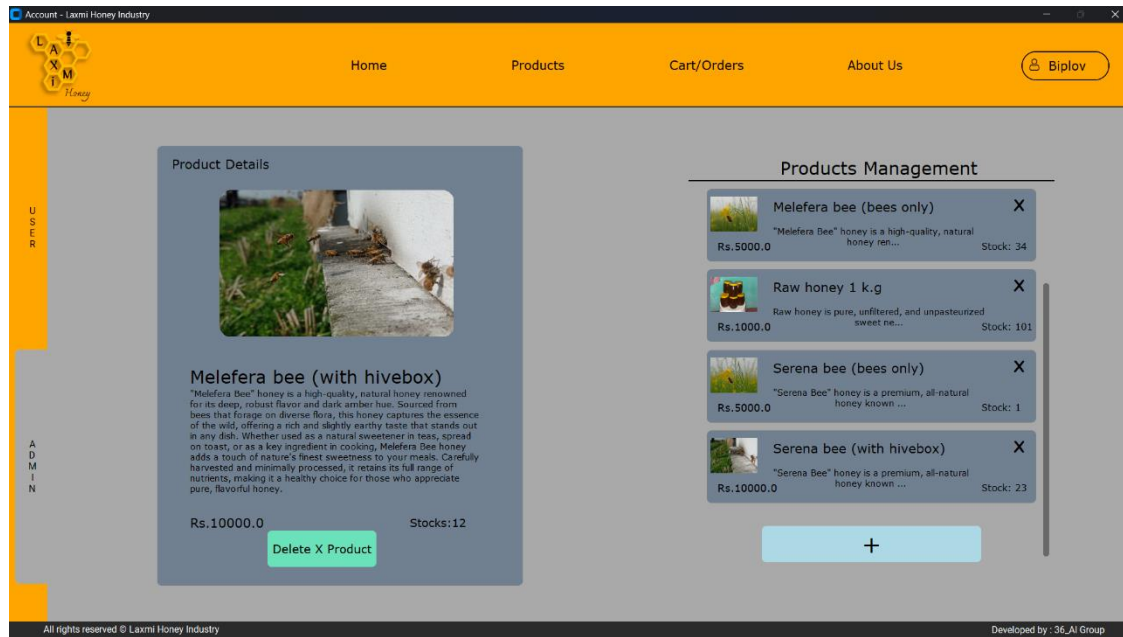


Figure 1

Products management backend code for adding product

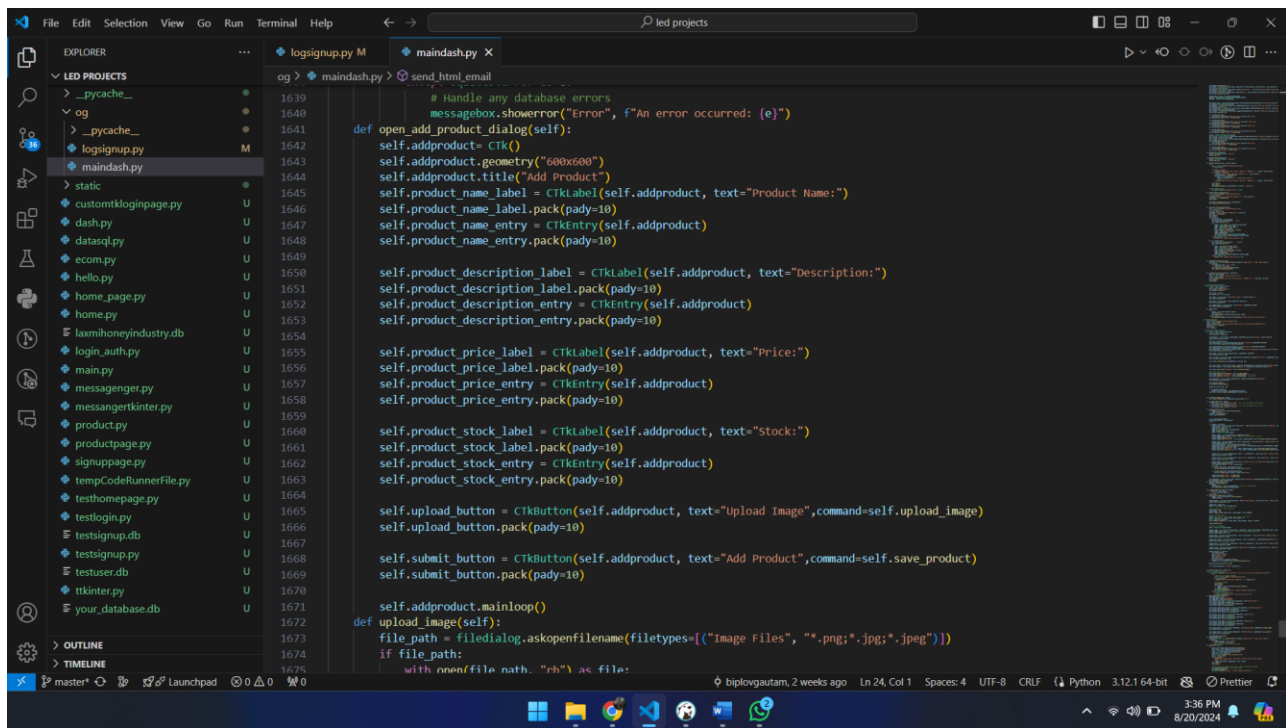


Figure 2

Products management backend code for deleting product

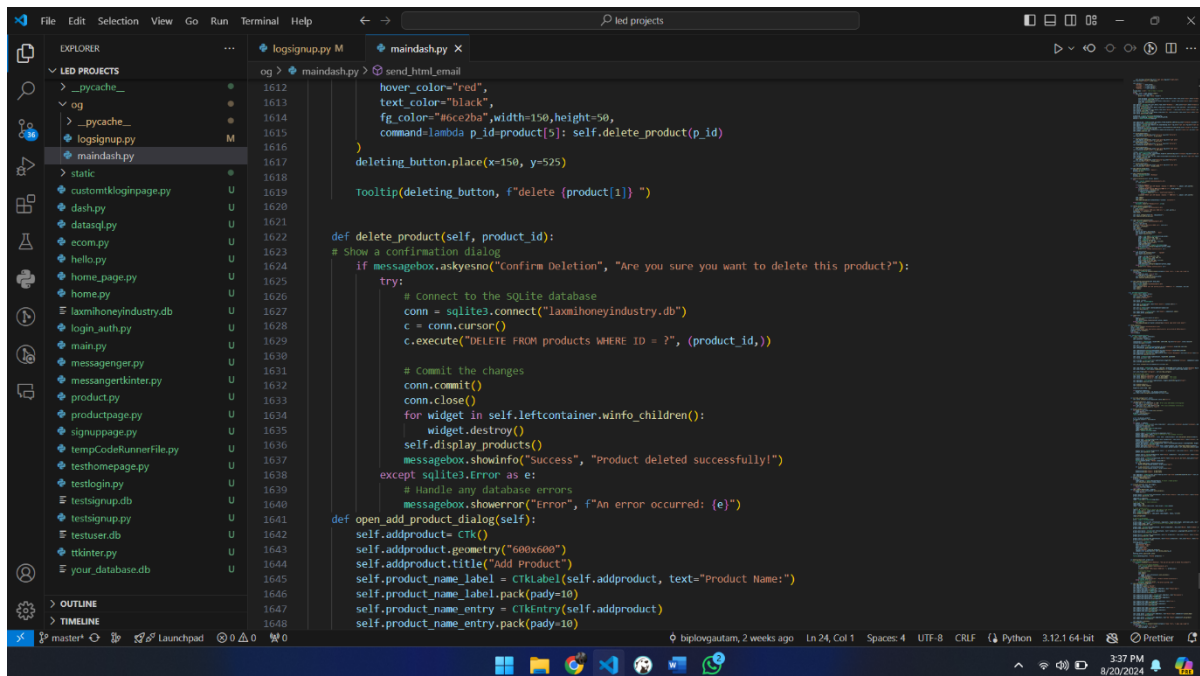


Figure 3

Products page GUI for displaying products to user for adding to cart

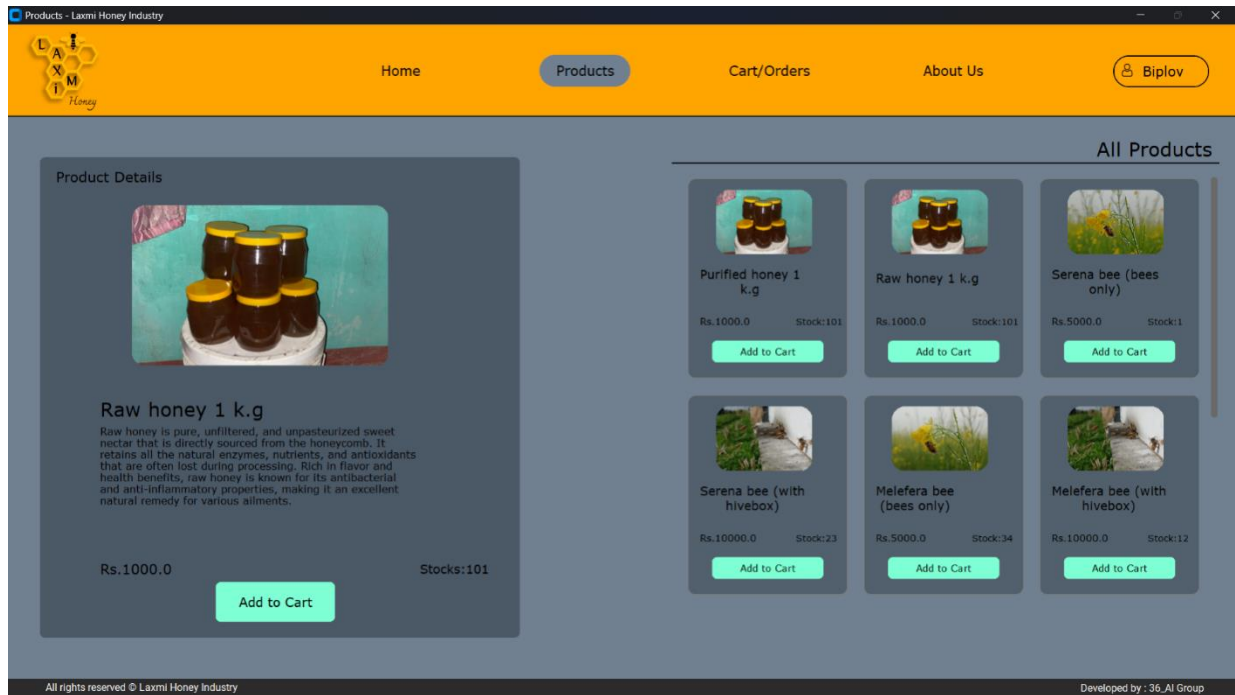


Figure 4

Displaying products using loop code

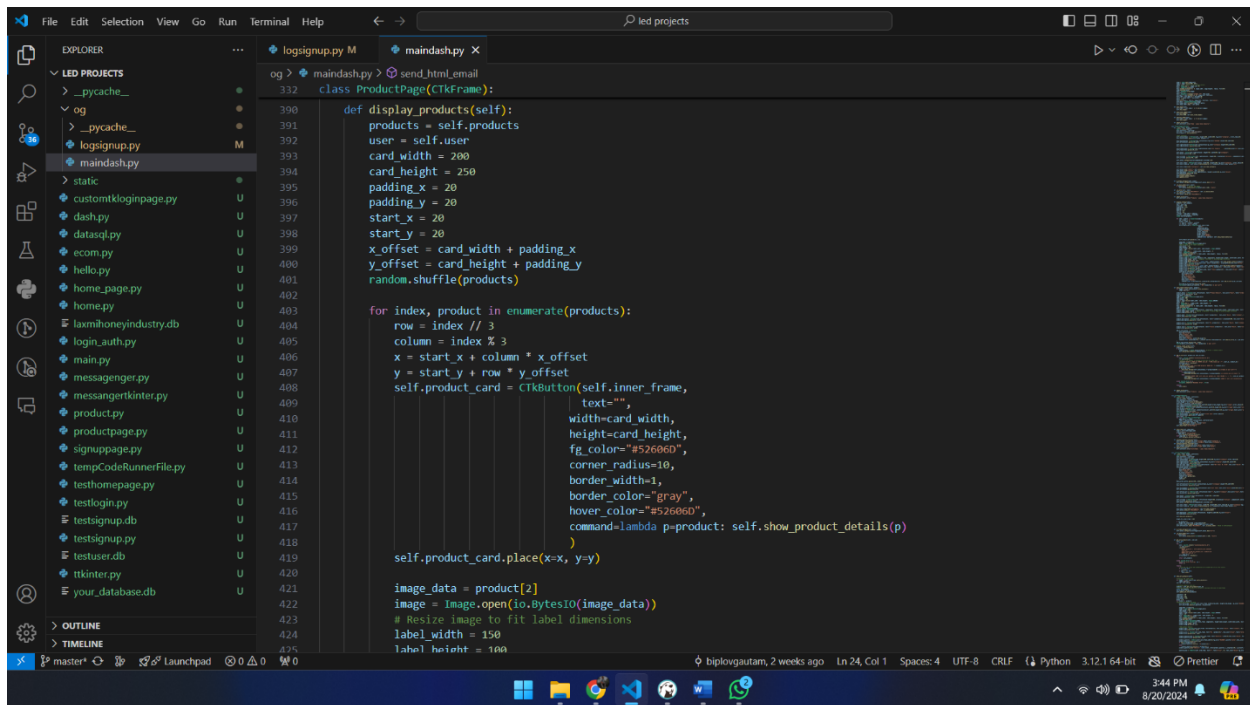


Figure 5

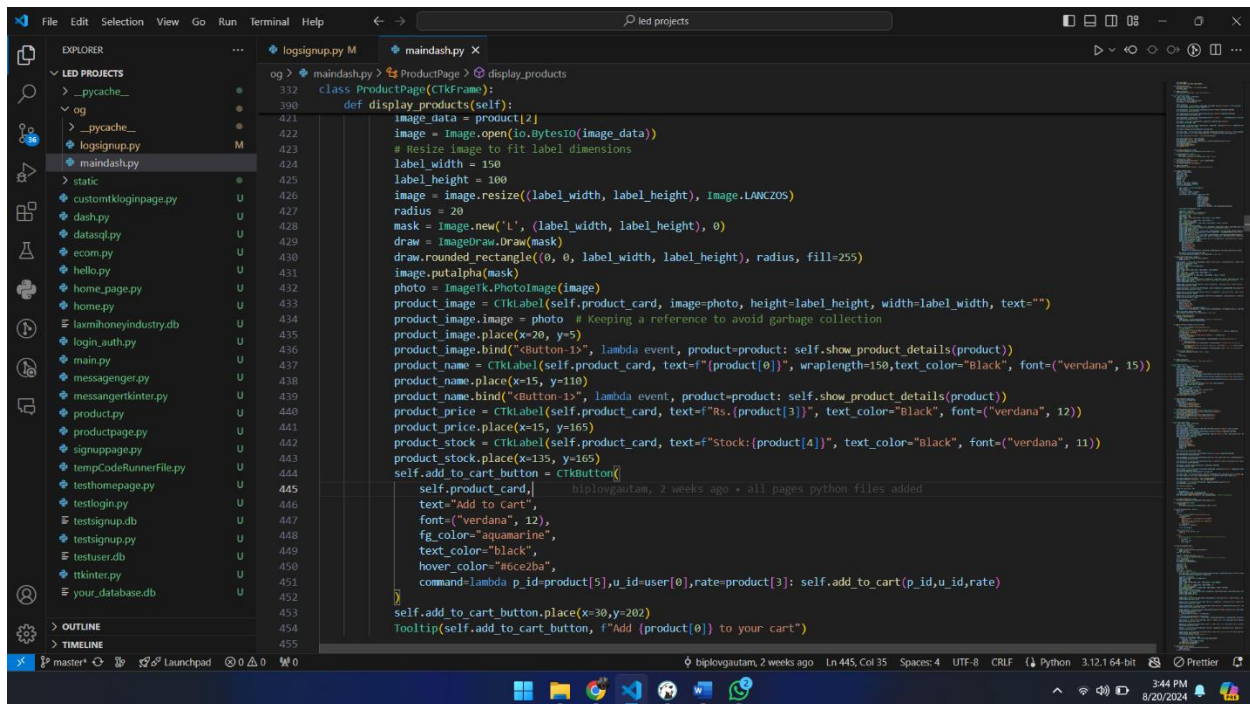


Figure 6

Version Control

GitHub : <https://github.com/biplovsoftwarica/Tkinter-laxmi-honey-industry/tree/master>

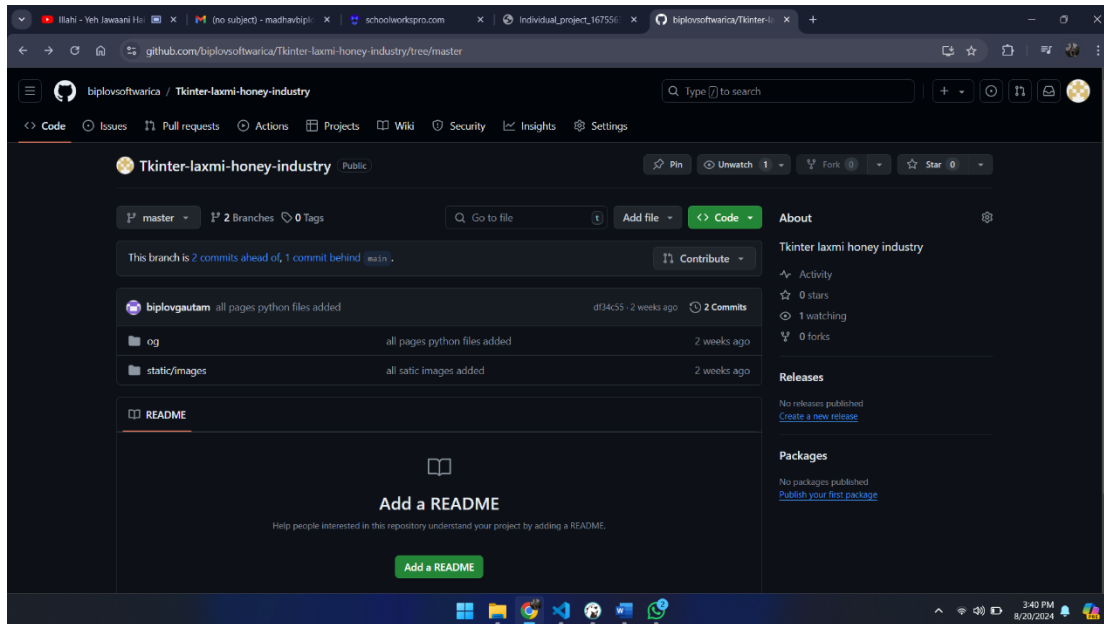


Figure 7

Conclusion

Based on the prototype I made the backend of our project named “Laxmi Honey Industry e-commerce system” using sqlite3 to store the data in the database. It includes the CRUD operation of adding, updating, retrieving and deleting of the data. I did the backend part so it is linked to the graphical user interface (GUI) of our project.

Although this is the first time of me to make a properly functioning software, so it took me a lot of time and efforts to it. Many problems arise during the development phase of the project, so I took the help from the e books, related articles. I even consulted with my course teachers for the solution of the project.

Via this project, I got to know about the difficulties on making a properly fully functioning software. Never giving up is the key for the development of the software.