

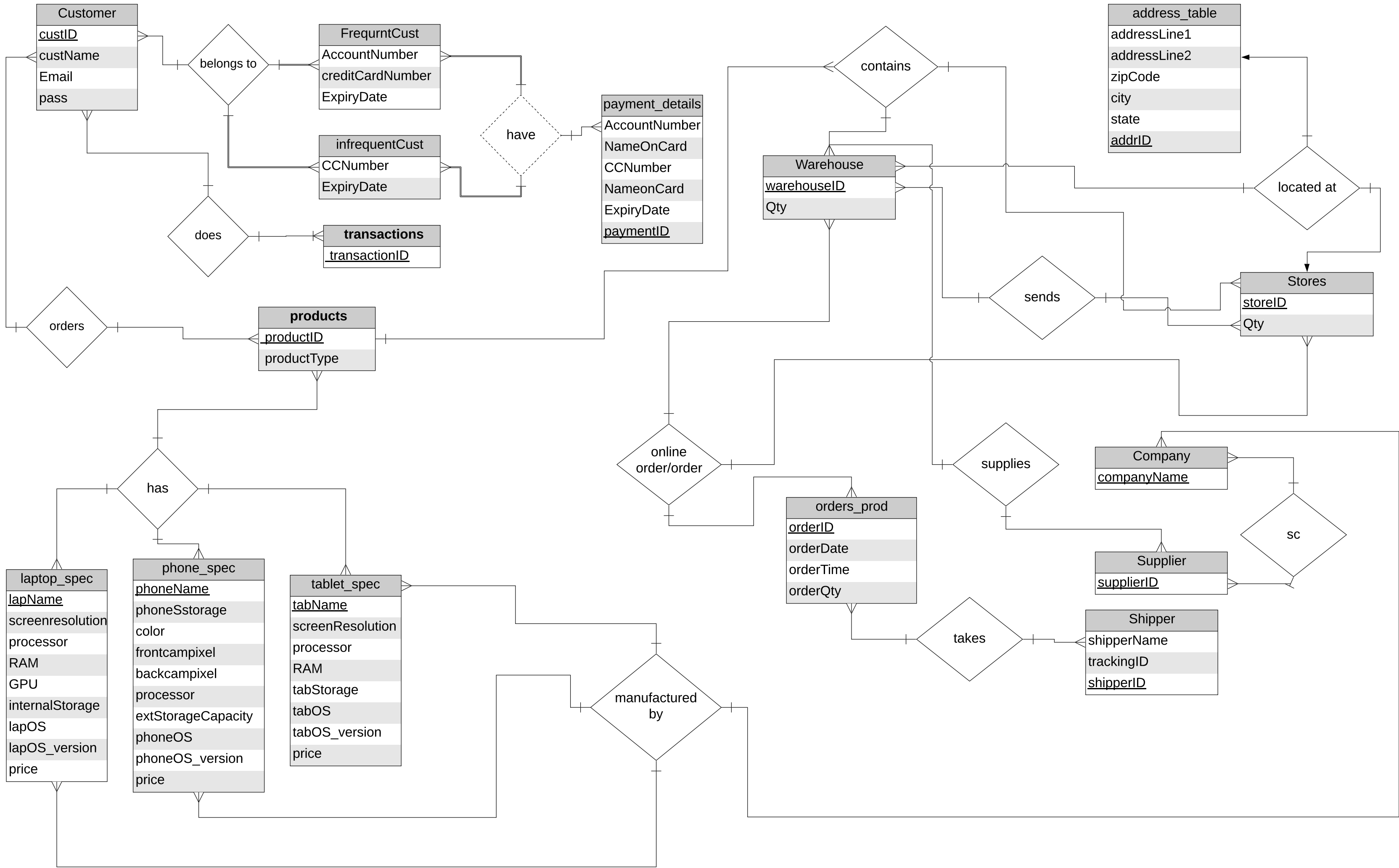
**CS425 DATABASE ORGANIZATION  
PROJECT  
ELECTRONIC VENDOR DATABASE**

**DONE BY**

Venkata Manikanta Monic Kamisetty (A20446683)

Rajesh Kumar Bandaru (A20446254)

Jesleen Sonia Pradeep Kamalesh(A20448891)



## Electronic Vendor Database

### Description:

Electronic vendor database is a type of database which contains the details of the electronic products the associated company sells. The products vary from phone cases, screen protectors to laptops, tablets and phones. The database also contains the information of its customers, employees, orders etc., It keeps track of orders placed online and in-store, stock in the warehouse and stores, shipper details who are connected to the company who deliver the online orders.

The database works as follows:

- The database takes the details of the customer like their name, Email to create an account when a customer presses the register button.
- These details will be saved in the database which allows the user to login the next time when the user wants to buy a product.
- After logging in, the details of the products will be displayed and the user chooses the desired product based on the specifications displayed.
- The user adds the products to the cart and enters the desired quantity.
- Later, the address to which the products are to be delivered is selected from the drop-down menu.
- The addresses in the drop-down menu are the stored addresses of the user which he/she added to the database through MyAccount
- The address page will be redirected to the payment page and the user chooses the payment option from the drop-down menu
- The payment details in the drop-down menu are the stored payment details of the user the same way as the addresses.

## Screenshots of Application:

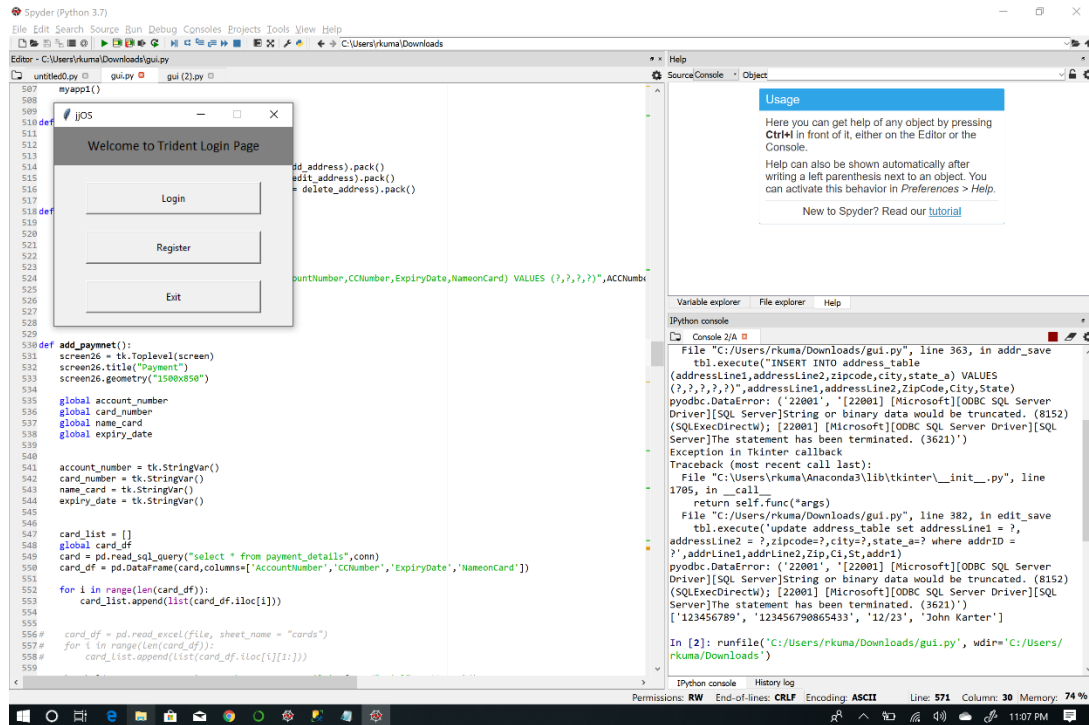


Fig.: Login Page for Registering and Logging-in to the Application

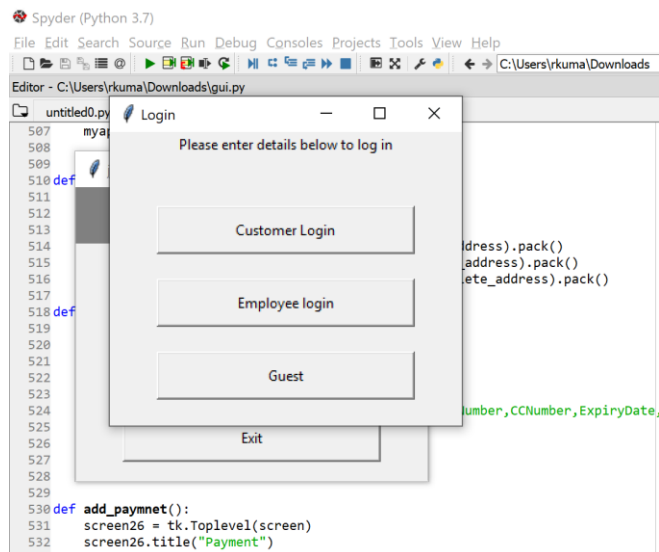


Fig.: Login page asking for type of login

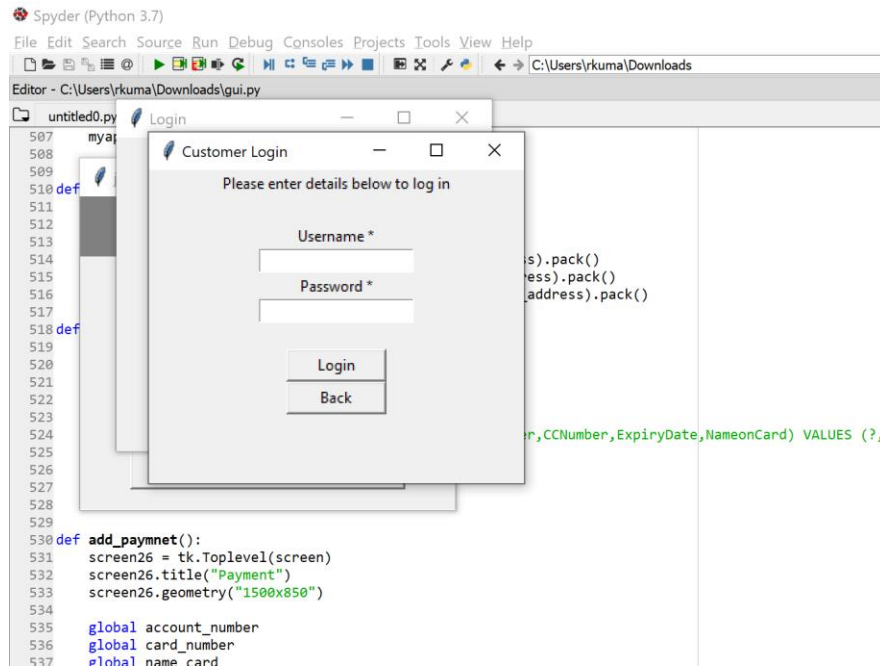


Fig.: Prompting for username and password to login

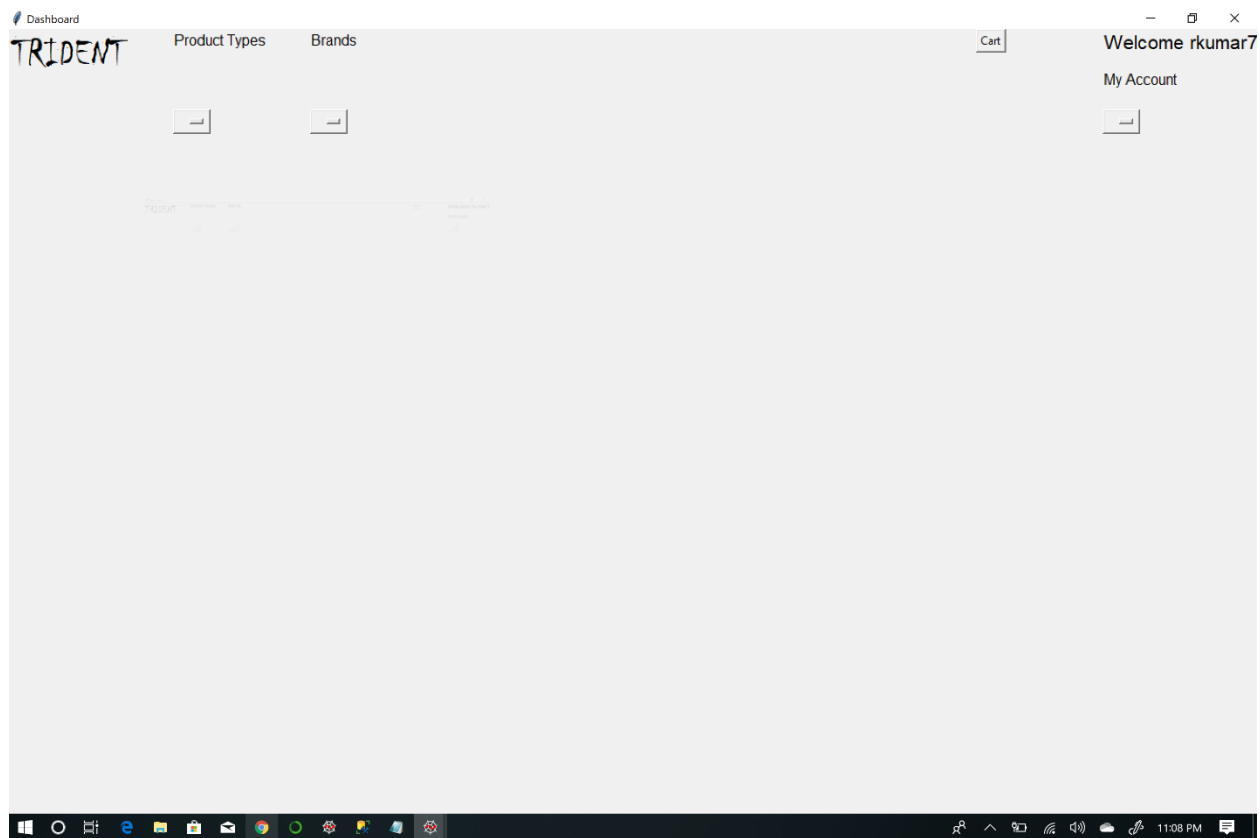


Fig.: Drop down Menu for shopping according to Product Types and Brands and accessing the Account

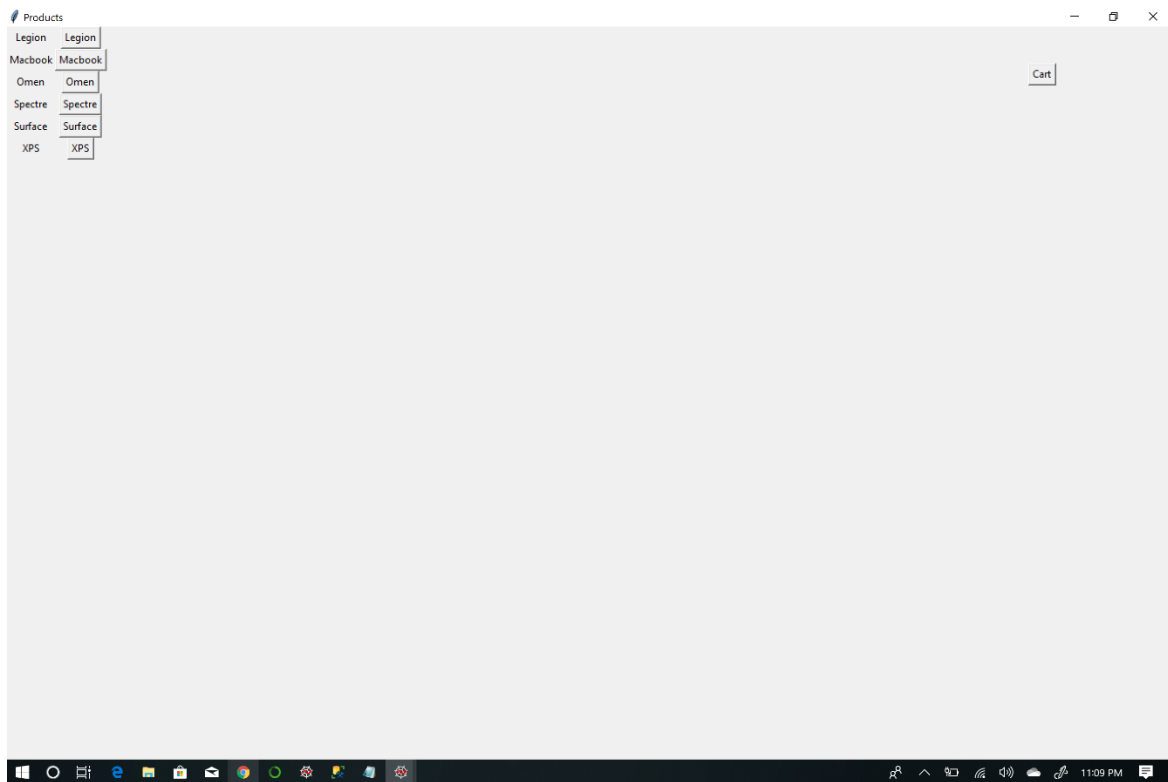


Fig.: Page showing the types of laptops

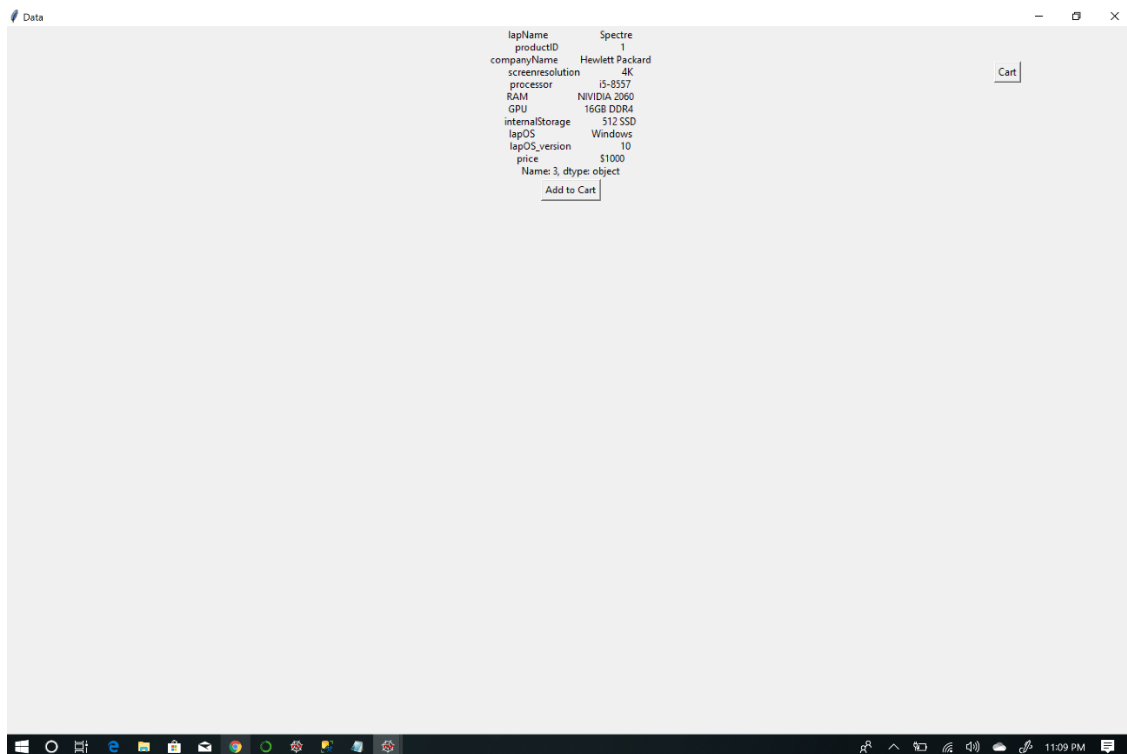


Fig.: Page showing the details of HP Spectre

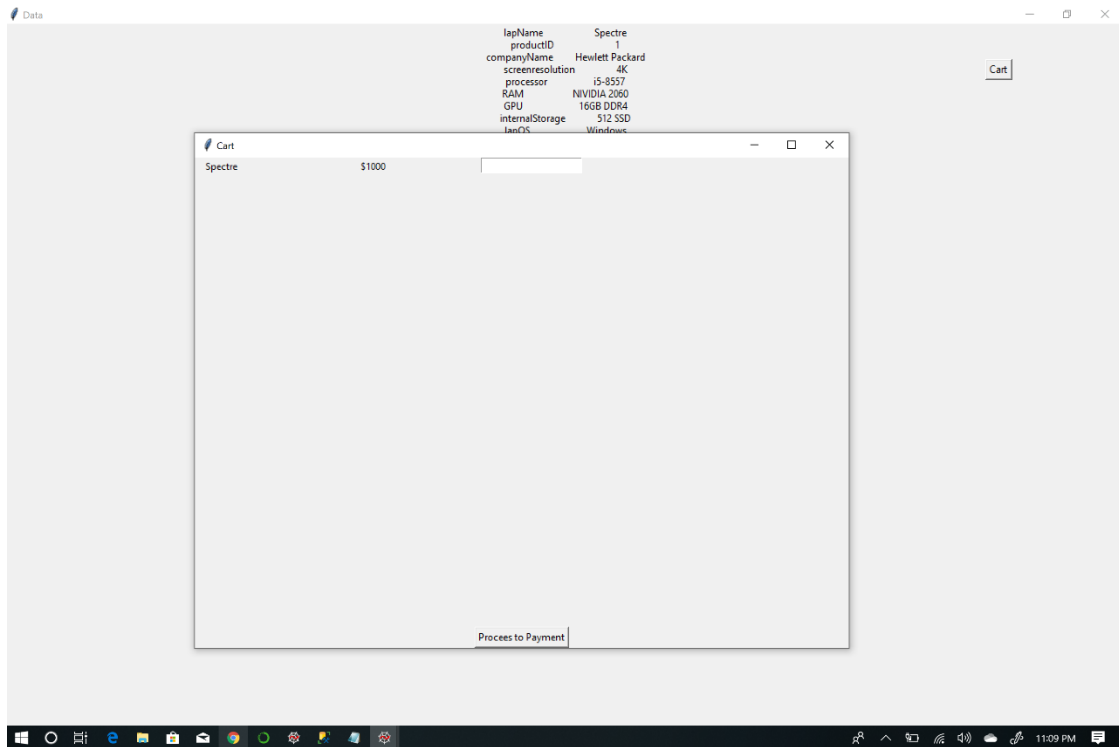


Fig.: Page showing the Cart and the items in the cart

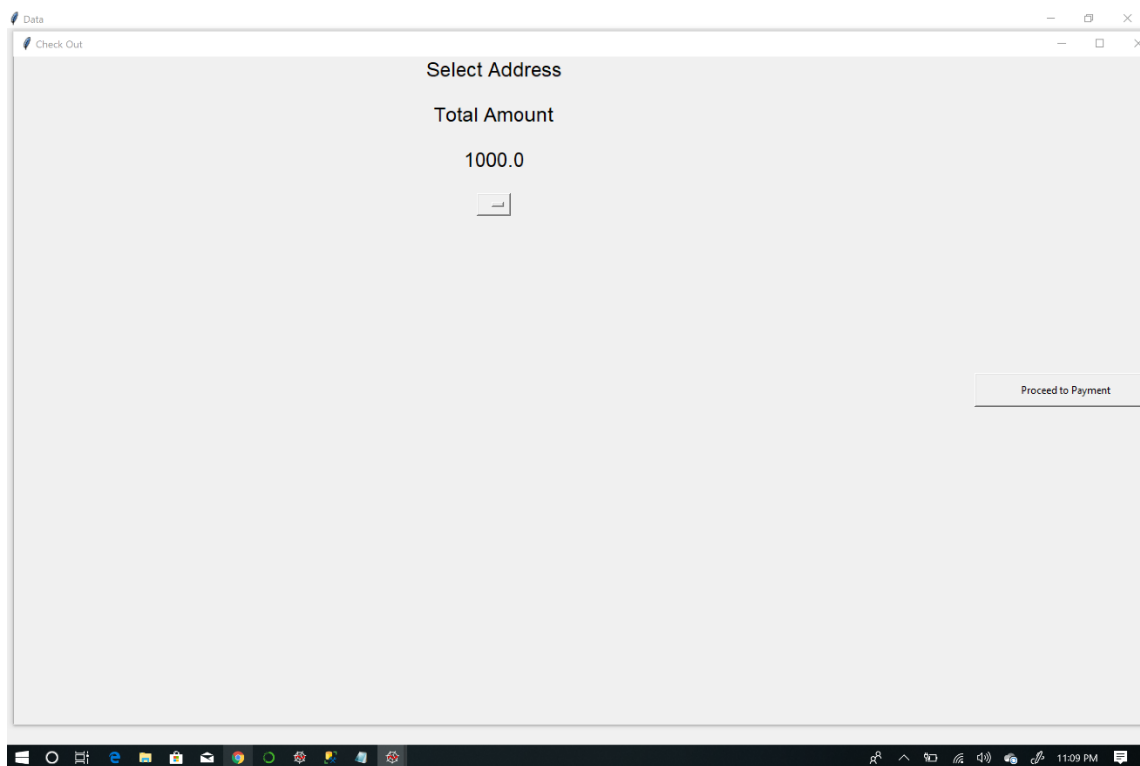


Fig.: Page prompting to select address to deliver the product and the total price of the cart

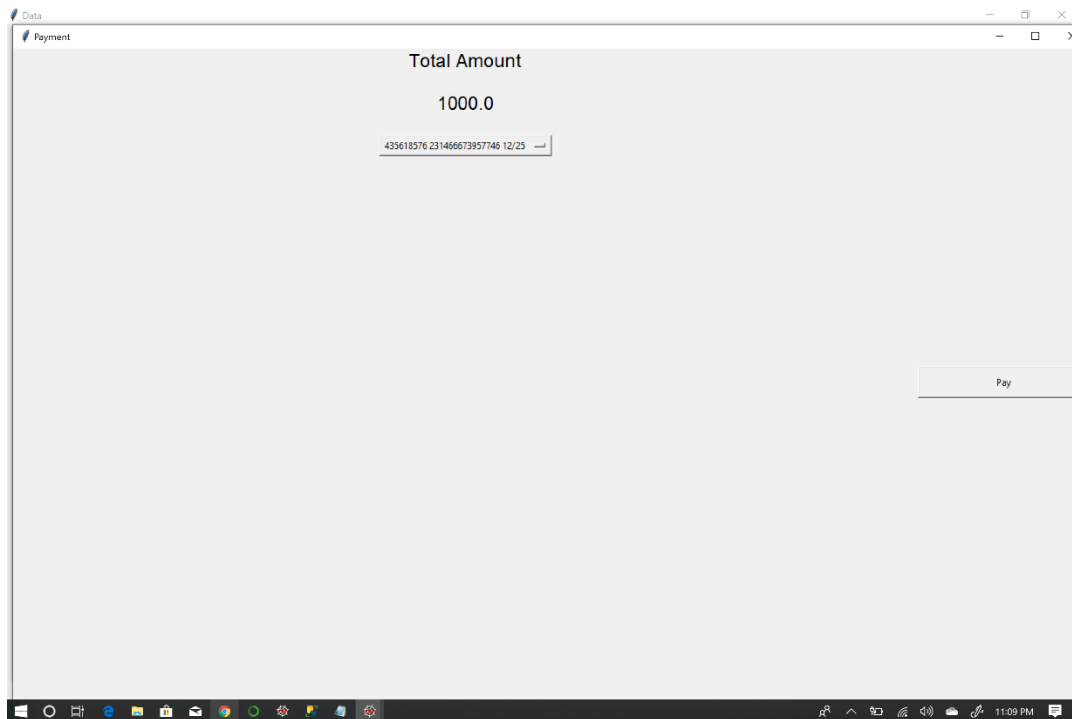


Fig.: Page prompting to select the payment details

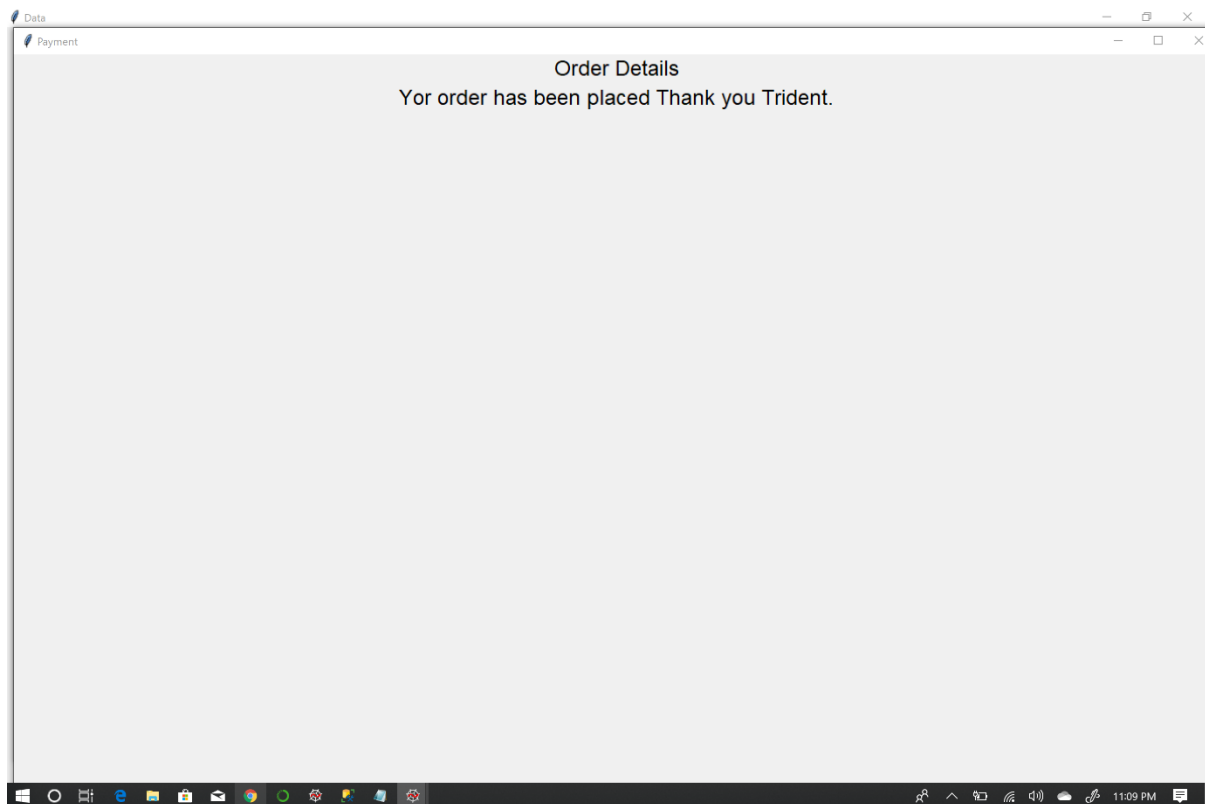


Fig.: Page displaying the order was successful



**Contributions:**

Venkata Manikanta Monic Kamisetty (A20446683):

GUI implementation by python using tkinter package.

Rajesh Kumar Bandaru (A20446254):

Creation of part of the database and integration of the database in SQL Server to python for GUI to access it using pyodbc package and ER Diagram.

Jesleen Sonia Pradeep Kamalesh(A20448891):

Creation of the remaining part of the database, ER Diagram to Relational Schema and the report.