User Manual

This is the User Manual for PC Part Information System. The following image is the GUI of the system. This User Manual is a guide for the user to easily use our PC Part Information System.

GUI Layout

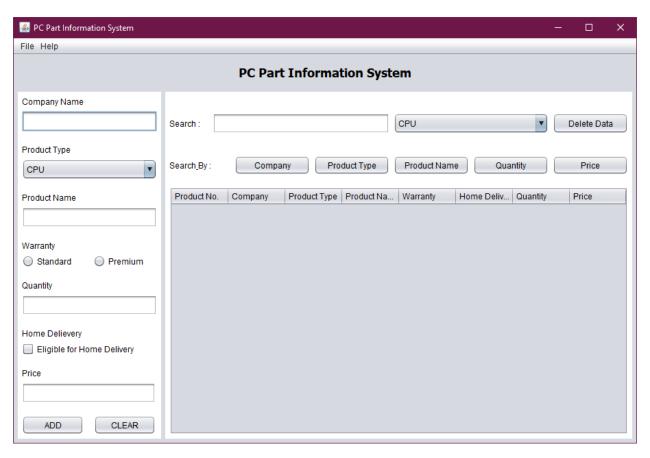


Figure 1 GUI Layout

Inputting Data

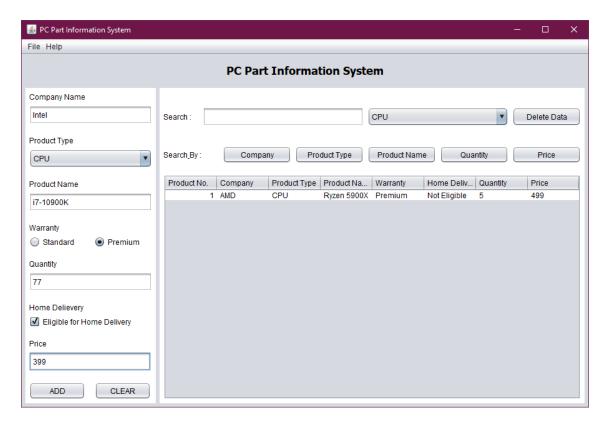


Figure 2 Entering Data

- Data can be entered by the user in the Text Fields (Left side on the GUI) as shown in the image above.
- Data can range from *Numeric* to *Alphabetic* depending on the User's Choice.
- Please Note that Certain Sections in the System only Accept Numeric Data (Price and Quantity), where as some sections do not need data to be entered through text and data can rather easily be entered through interactive boxes (Product Type, Warranty, Home Delivery).

Adding and Clearing Data in the System

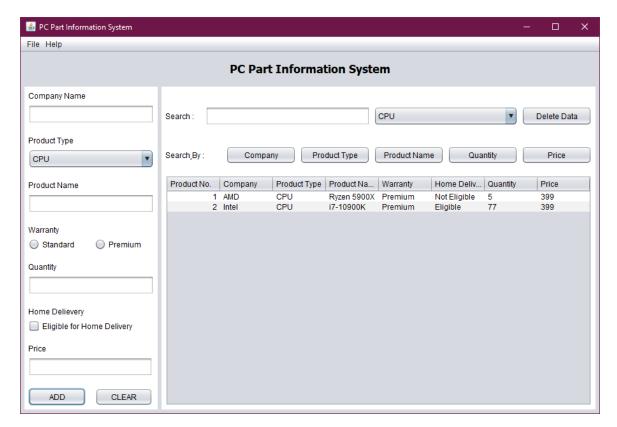


Figure 3 Adding and Clearing Data

- Pressing the *ADD* (bottom left corner) button saves the data and displays it in the Table.
- Pressing the CLEAR (bottom left corner besides ADD button) button clears the existing entered data and resets it.

Updating Data

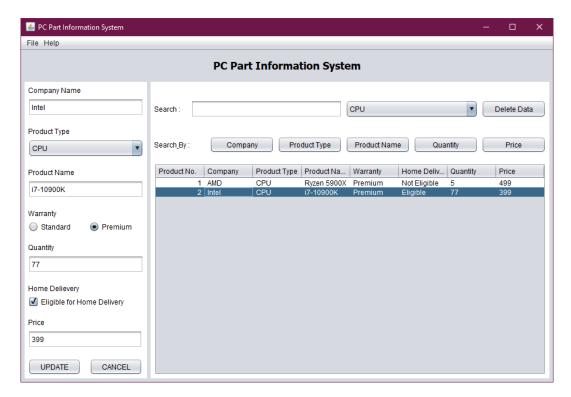


Figure 4 Clicking on Data to Update It

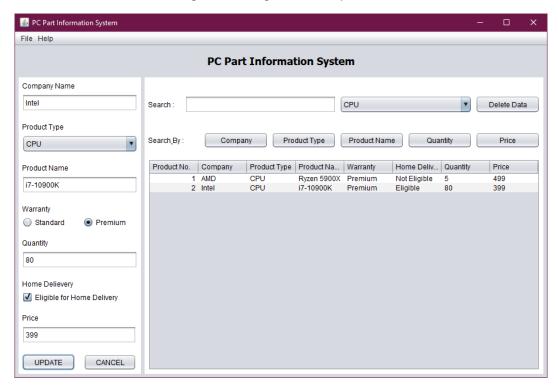


Figure 5 Updating Data by Clicking Update Data

 Existing Data can be Updated by Selecting the required Data in the Table and changing its value and pressing on the UPDATE Button on the bottom left corner.

Deleting Data

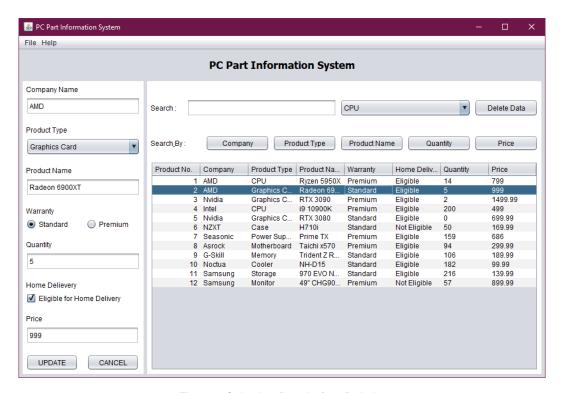


Figure 6 Selecting Data before Deleting

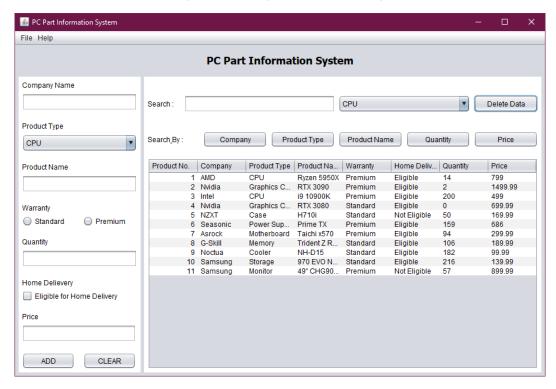


Figure 7 Deleting Data by Selecting Delete Data Button

 Data can be deleted by Selecting the data on the Table and the pressing the Delete Data button on the Top Right Corner of the GUI.

Searching Data

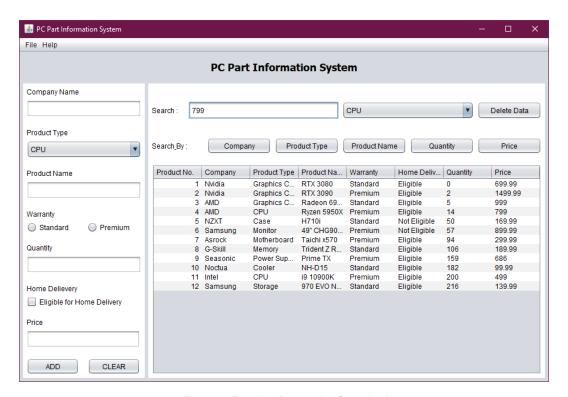


Figure 8 Entering Data to be Searched

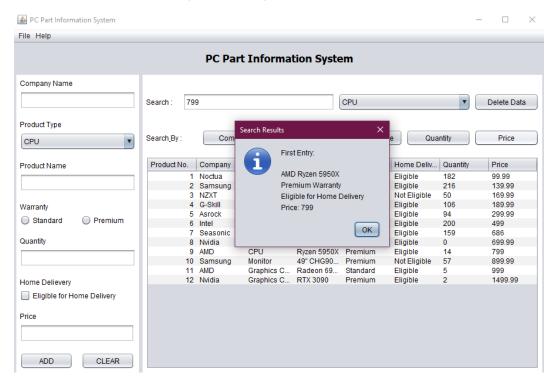


Figure 9 Searching for the Data by Pressing Search by Price Button

- Data can be searched by entering the required data in the *Text Field* provided in the top portion of the GUI that is besides the *Search* Text.
- Data can be Searched on the basis of *Company Name, Product Type, Product Name, Quantity* as well as on the basis of Price.
- *Price* and *Quantity* data are Searched and Sorted using Selection Sort and Binary Search Algorithm.
- Company Name, Product Type and Product Name data are Searched but not sorted and do not use Binary Search Algorithm.

Opening and Exiting the Application

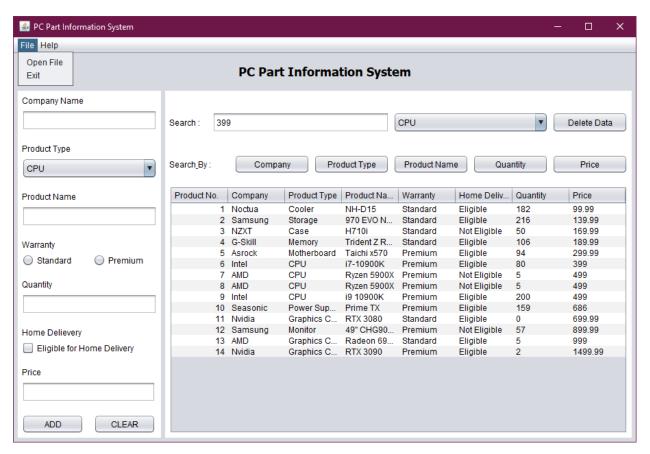


Figure 10 Opening Existing File and Exiting System

- Existing data can be imported to the system by going to File > Open File (Top Left Corner).
- The system can be Exited similarly by pressing on Exit (Below Open File Option).

THANK YOU FOR USING OUR SYSTEM