User Documentation – CPE365 Store

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The CPE365 Store is an online marketplace application with a MySQL backend that offers functionality for users to make electronic purchases and for store owners to manage their storefront. The Store application contains a marketplace program for users to make purchases and view items, and a warehouse program that allows the store owner to add and remove items from the store.

Notes: Only run on school wifi with the given jar file. You can also run it on your local machine as long as you follow the steps below.

How to Use the CPE365 Store – Managers

As a store manager, you will first want to set up your database. Assuming you have MySQL installed:

- Run the init.sql file included in the 'database' folder.
- Run the item_insert.sql file to populate the database with a selection of product information
- Setup mysql account in the program, in ConnectionFactory.java:

    public static final String URL = "jdbc:mysql://<hostname>:3306/<database>";
    public static final String USER = "<username>";
    public static final String PASSWORD = "<password>";
    public static final String DRIVER_CLASS = "com.mysql.jdbc.Driver";

To access and use the warehouse functionality:

- In the command line, type *'java -jar store365NetBean.jar --m'*. This will open the Warehouse Manager
- To add an item, click "Add Item." This will open a separate window.
- Enter the item name, description, manufacturer, price, and amount you have in stock in the provided fields.
- Once you have entered the item's information, click "Add" and the item will be added to the database.
- To remove an item, click "Remove Item." This opens a new window.
- Select the item you wish to remove from the list of items
- Click "Remove." This sets the item to be discontinued, and it will not show up to customers using the store.
- The store will also track customers' purchases. When a customer buys an item, it will automatically deduct from that item's remaining stock. If an item has 0 stock remaining, it will not appear in the store.

How to Use the CPE365 Store – Customers

- To access the store as a customer, type 'java -jar store365netbean.jar --c'
- The first window you will see is the item listing

- To narrow down the list, type a search term in the top bar and hit 'Search'
- To add an item to the cart, select an item from the list and hit 'Add Item'
- If you wish to purchase multiples of an item, simply hit 'Add Item' multiple times
- When you are satisfied with your cart, hit 'Review Cart'
- The next window shows you your cart and the total amount of your purchase
- Hitting 'Check Out' will bring you to the check out window
- In the check out window, enter your name, shipping address, and credit card number in the provided fields
- After the check out window, you will be provided with a final confirmation screen where you can review your transaction data one last time
- Hitting 'Confirm Order' will place your order.