Working of the operational module

**Operational Module Components**

The employee portal is made from the employee\_window.py file, which contains the UI made from QtWidgets as well as the queries needed when talking to the database server.

**“Employee Order” Window**

Once the “employee window” button is clicked, the employee will be taken into the orders page. This page contains all the necessary fields to take a customer’s order.

A screenshot of a computer

Description automatically generated(default employee portal window)

Here the employee will take the customer’s name, order, and payment method, then input their employee ID and the order date to let the system recognize who authorized the transaction and when it occurred. Upon clicking the “Add Order” button, the order will then be sent to the orders table in the database where it can be used for analysis, labelled with an order\_id. The drop down menus use SQL to query the available payment methods in the database and display it in the text box when selected. The tea and topping drop down menus query the appropriate tea and topping and is then formatted into a “tea name/topping name – price” pattern.

**Example Use Case**

(employee portal with an example order) (employee order added with success screen)