Overview

Tread On Me's new Point-of-Sale system consists of a single window containing three tabs, an Orders tab, Products tab, and Customers tab.

Customer Management

Customers are managed from the Customers tab, which allows users to add and delete customers from the system. Before an order can be created for a new customer, they must first be added to the system. Adding a customer is quick and straightforward, and is accomplished by entering the customer's information into the appropriate text fields and clicking the "Save" button.

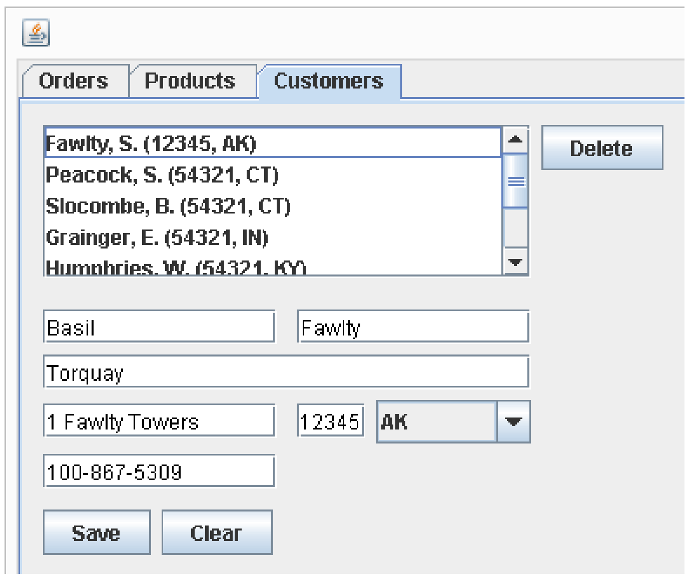

Figure 1 – Creating a new customer

All fields must contain the appropriate information for the system to add the customer to the database. If one or more fields are blank, the system will indicate which fields are blank.

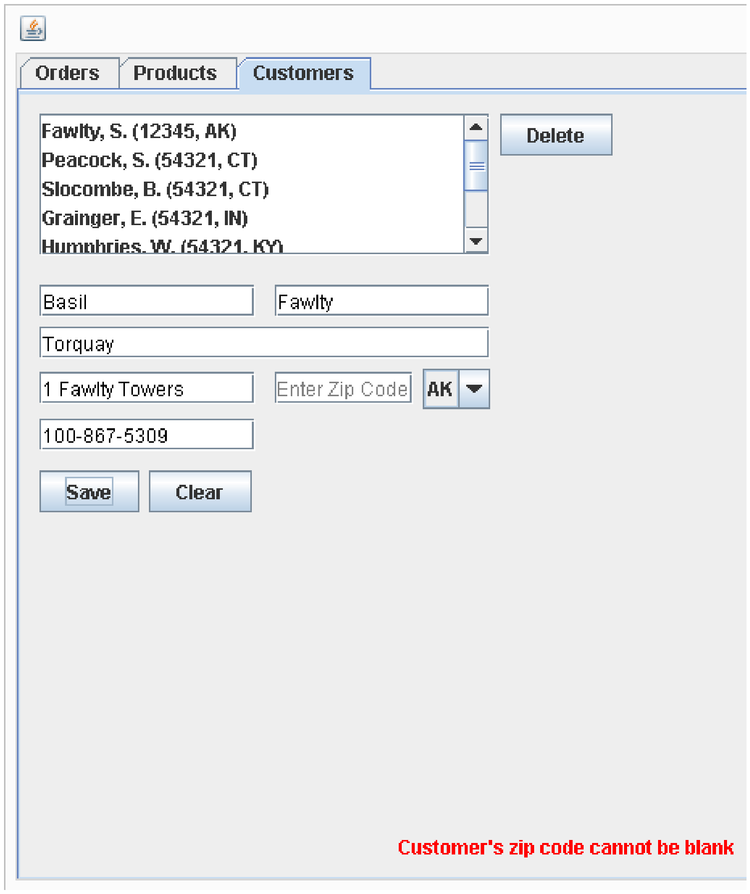

Figure 2 – Error due to a blank field

Customer information in the customer list is presented in a way that makes it easier to locate a specific customer, last name, first initial, ZIP code, and State. Once the desired customer is found in the customer list, clicking on their name displays their full information in the text fields.

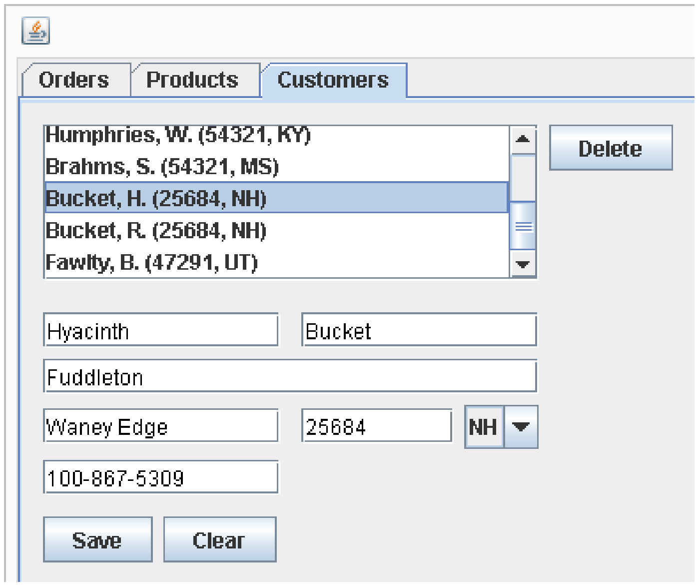

Figure 3 – Displaying a customer's complete information

Clicking the "Clear" button clears all text fields, while clicking the "Delete" button while a customer is selected removes them from the system.

Product Management

Products are added to and removed from the system using the Products tab. The only information required to add a product is the product name or description, and price. Adding a product is simple, just enter the product description and price into the respective fields and click the "Add" button.

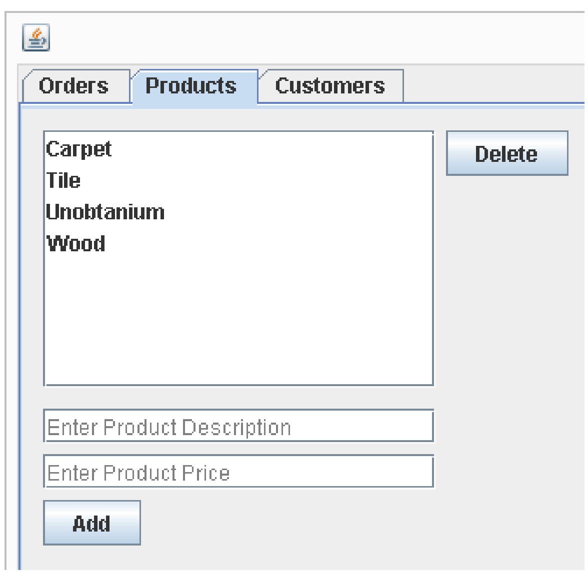

Figure 4 – Products tab

All fields must contain the appropriate information for the system to add the product to the database. If one or more fields are blank, the system will indicate which fields are blank.

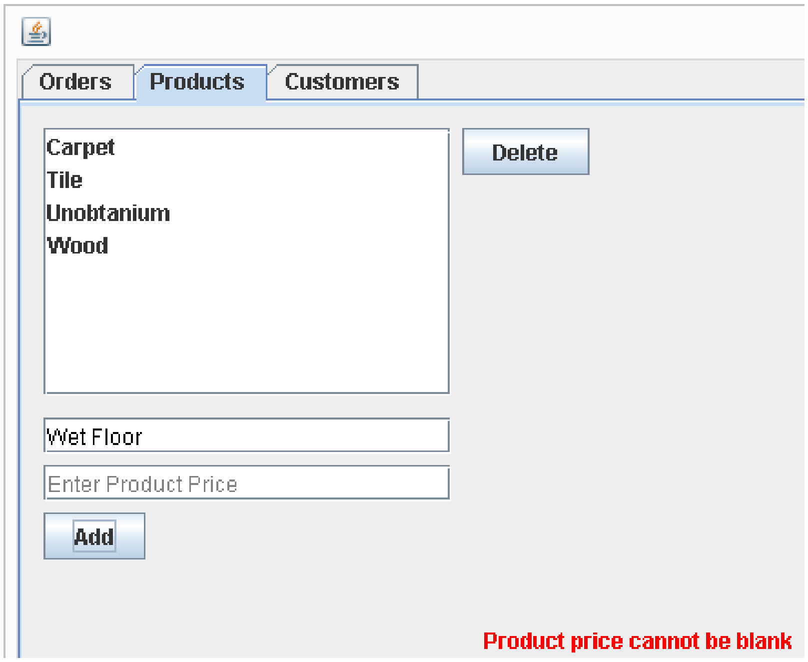

Figure 5 – Error due to a blank field

Product information in the product list is displayed using only the products name or description. To view all information for a product, simply click on it in the product list, and the information will be displayed in the text fields.

Clicking on the "Delete" button removes the selected product from the system.

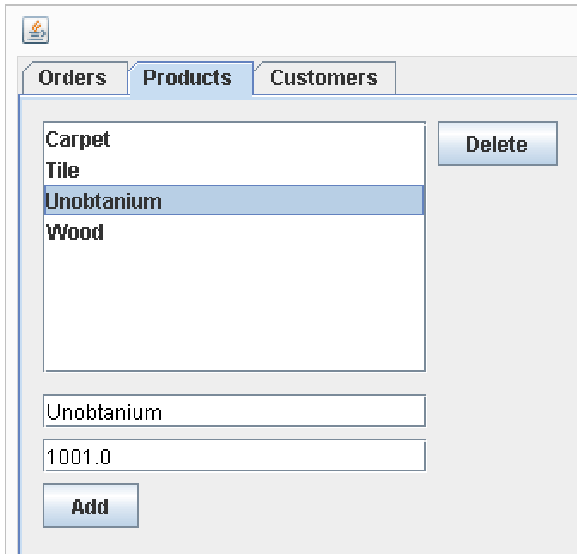

Figure 6 – Displaying all information for a product

Order Management

Orders are managed using the orders tab. The Orders tab allows all orders in the system to be fetched, and new orders to be created.

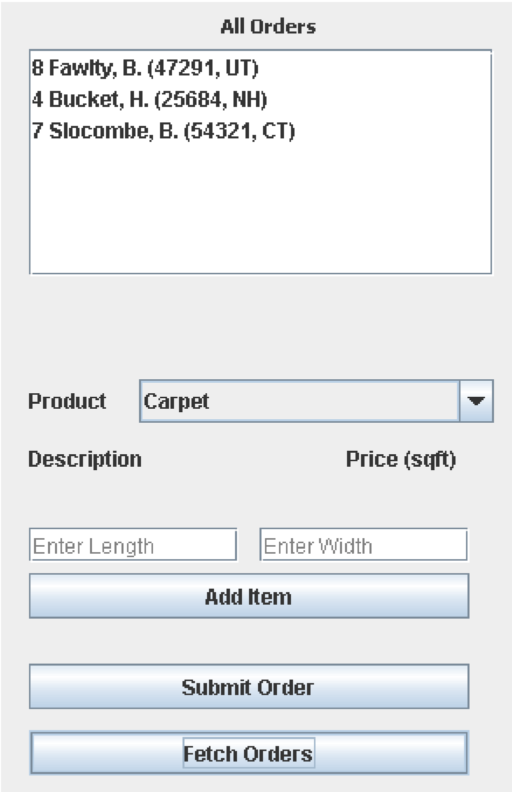

Figure 7 – Fetching all existing orders

To create an order, a customer must first be selected from the "Customer" combobox. When a customer is selected, their information is displayed under the "Customer Details" heading. If a customer is not present in the system, they must be added using the Customers tab.

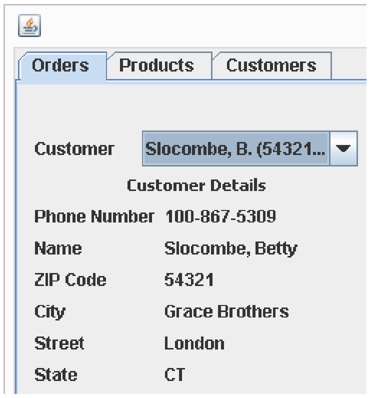

Figure 8 – Selecting a customer

After selecting a customer, an order can be created for the selected customer by adding a product. If a product does not exist in the system, use the Products tab to add it to the system. To add a product to an order, first select the desired product from the Product combobox, then enter the dimensions required. Dimensions are in feet, and fractions of a foot can be entered, but will be rounded up to the next whole foot. When all information is entered, click the “Add Item” button to add the product to the order. If an order does not exist, it will be created when the first product is added.

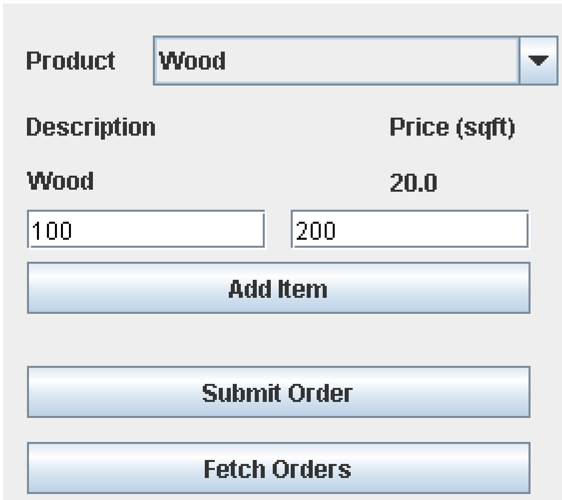

Figure 9 – Adding a product to an order

Once all products have been added to an order, click the “Submit Order” to save the order in the system. It is important that this be done because orders are not saved as each product is added to them. They are only saved when submitted. When an order has been submitted, the order will be cleared from the “Order Summary” box.

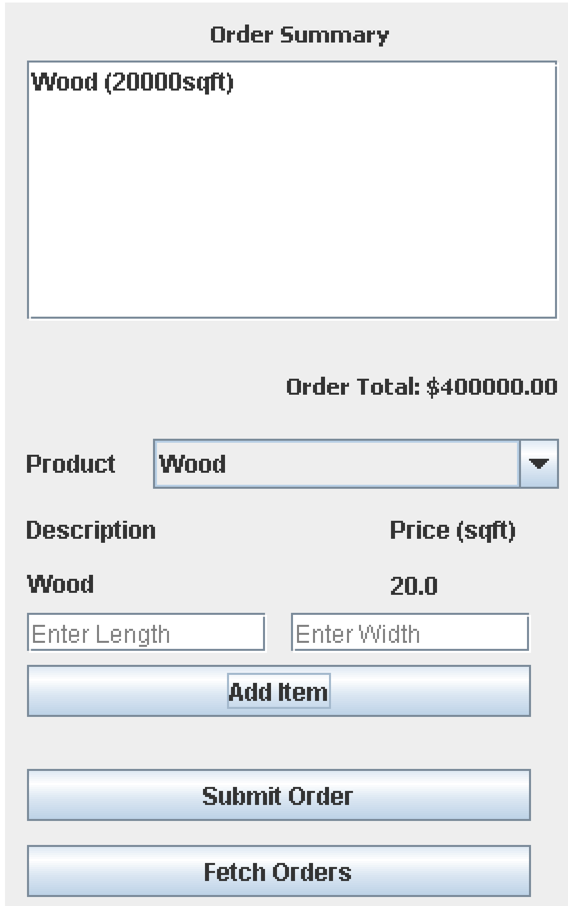

Figure 10 – Item added to an order