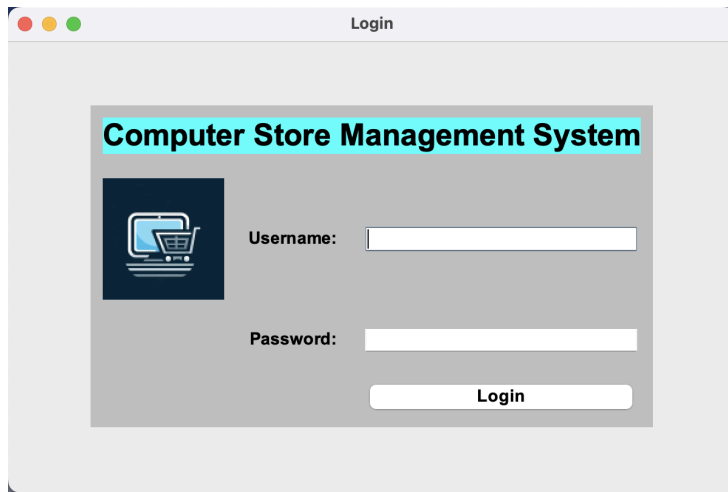# Computer Store Management System
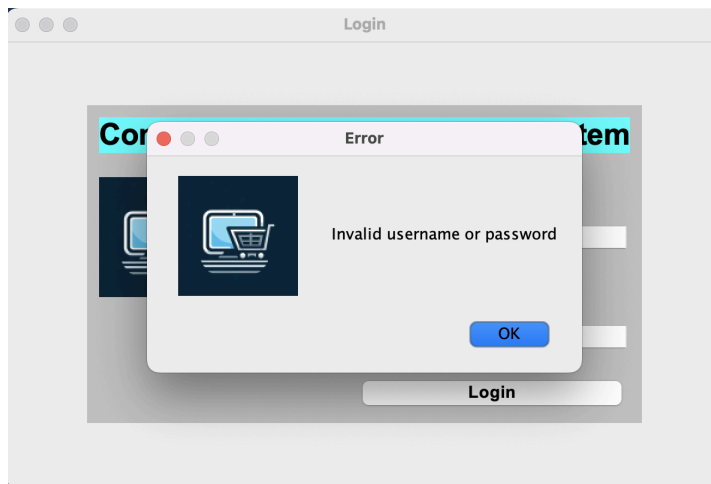
johnnycwatt

LoginFrame

When the program runs, it first displays the login page:

An error is displayed when the username and/or password are invalid:

MainFrame

Successful login results in the MainFrame being presented. The Title is Computer Store Management: + the Staff members username.

Salesperson View:

Managers View:

The bottom panel contains more buttons for the Managers View, giving Managers access to 'Add', 'Update', and 'Delete' functions

Both Salespeople and Managers are able to view the specifications of each Computer. When selecting a row, the information appears on the right hand side.

Both are able to filter by Category and/or by Type.

Manager Functions : Add Button

When a Manager clicks the Add Button. A new 'Add New Computer' window appears. The manager is able to enter the details, and select from a dropdown of Category and Type

When a Category is selected, the irrelevant fields are grayed out, and any text previously entered is removed to remain consistent. Selecting Desktop PC will disable Screen Size whileLaptop will enable all fields. The Save Button is disabled until all relevant fields are selected.

After clicking Save, a 'Success' message will appear in a new window. Pressing 'OK' will close both the 'Success' message and the 'Add New Computer' window. Pressing Cancel will simply close the 'Add New Computer' window and no changes will be made

The new entry will now appear in the table.

Manager Functions: Update Button

Clicking the Update button will open a 'Update Item' window. The manager is able to edit any of the specs. Including changing the Category or Type. While it may be unnecessary to edit fixed specifications such as Screen Size or CPU Family, it may be appropriate when there are errors in the input data. With access to update functions being limited to Managers, it is reasonable to assume it will be used responsibly

Clicking save will generate a 'Success' message confirming that the computer details have been updated.

Manager Functions: Delete Button

A manager is able to delete a computer by clicking on the row and clicking the 'Delete' button.

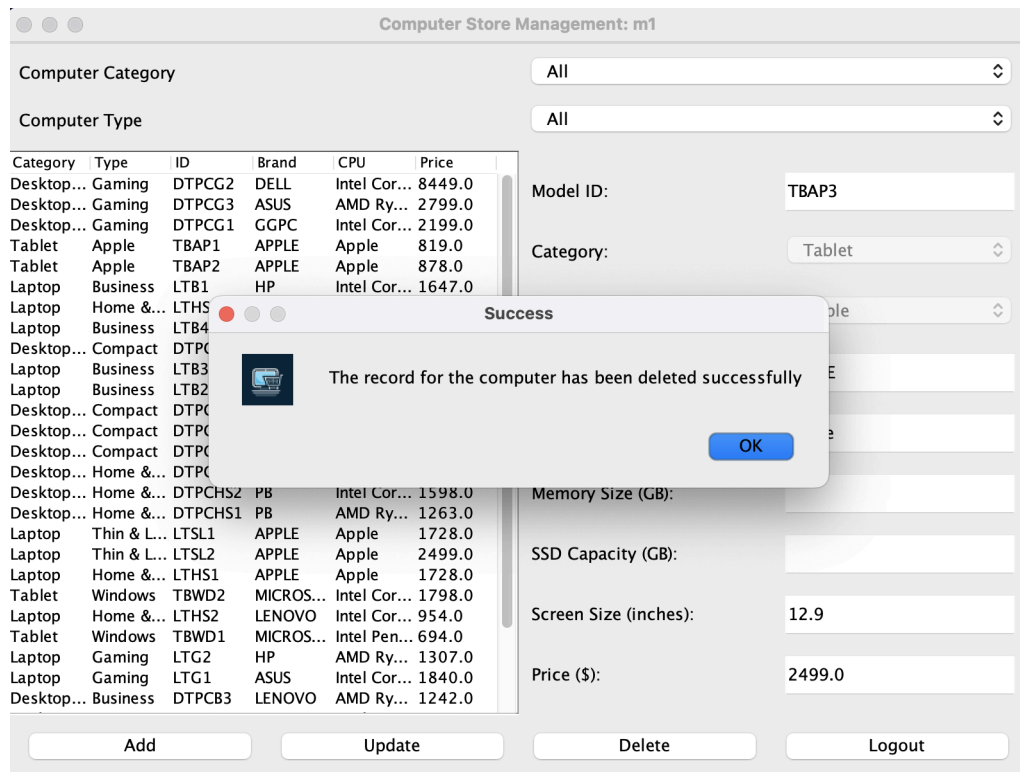A confirmation window appears to protect users from accidentally clicking the deletion button. It displays the selected items ID to make sure the user has selected the right row.

When the user clicks delete, a message appears confirming that the item (in this case TBAP3) has been deleted. It is removed from the table.

Logout

Both Salespeople and Managers have a Logout button. Clicking this button returns the user to the LoginFrame