Nick Guinther Landscapes

Owner: Nicholas Guinther
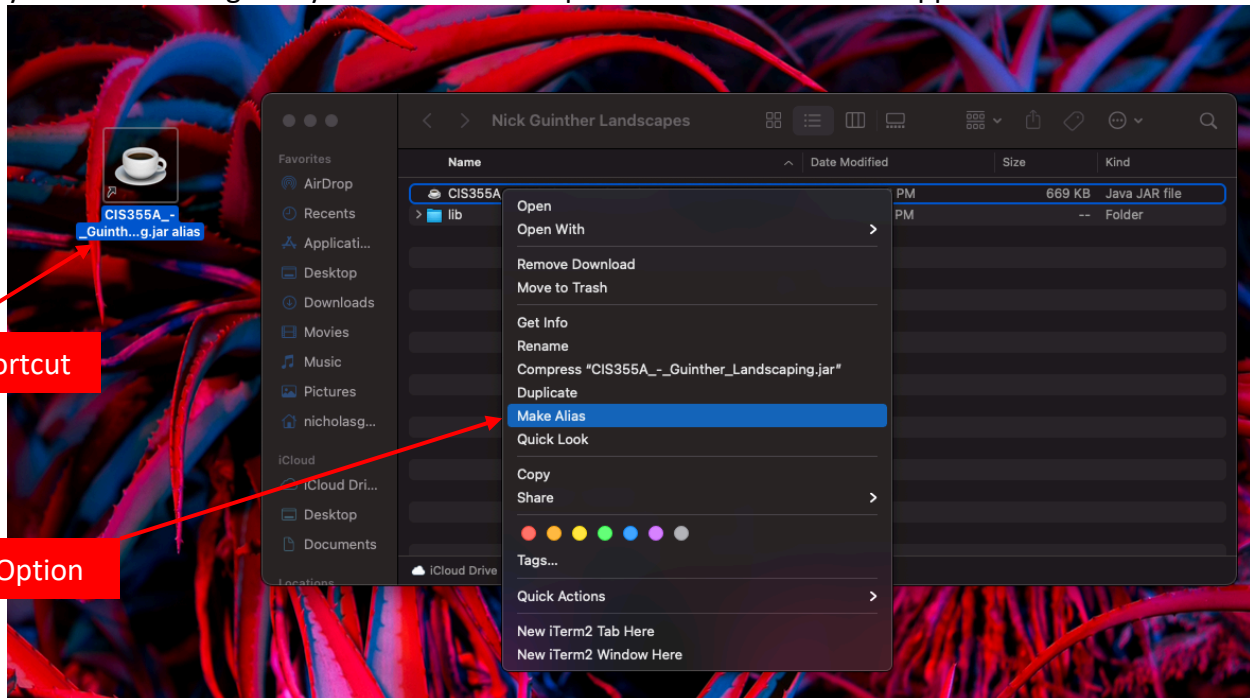
CIS355A

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Installation

Place the "CIS355A_-_Guinther_Landscaping.jar" file and the "lib" folder in a directory on your computer. Create a shortcut to the jar file and place the shortcut on your Desktop. In Windows you can simply drag the ".jar" file onto your desktop and when prompted select create shortcut. For MacOS right click the ".jar" file and select "Make Alias". Once the Alias is created you can then drag it to your MacOS Desktop and use it to launch the application.

Set up the MySQL database to include a schema called "cis355a" and a table in this schema called "landscape". The schema and landscape table can be created with the following MySQL commands:

"CREATE DATABASE cis355a"

"CREATE TABLE 'cis355a'.'landscape' (
        'CustomerID' INT NOT NULL AUTO_INCREMENT,
        'CustomerName' VARCHAR(30) NULL,
        'CustomerAddress' VARCHAR(50) NULL,
        'LandscapeType' VARCHAR(10) NULL,
        'YardLength' DOUBLE NULL,
        'YardWidth' DOUBLE NULL,
        'LandscapeCost' DOUBLE NULL,
        PRIMARY KEY('CustomerID'));"

Uninstall

To uninstall the application, first delete the shortcut that you created on your Desktop. Next, delete the folder containing the application files. Finally, delete the schema and table that you created for the application from your MySQL database.

Adding a Customer

Launch the application if it is not currently running. Ask the customer if they would prefer grass or gravel for their yard. Select the appropriate option by clicking on the corresponding radio button.

Enter the customer's information and the dimensions of their yard. The Customers address should include the city and state. The yard size will be calculated in feet and can include decimal numbers. Once Entered press the calculate button to display the customer information and a price quote.

If the customer decides to accept the quote and hire your company simply click submit order to save their information to your database.

Once the submit order has been pressed the customer will appear in the "Customer List" tab. See below.

Delete a Customer

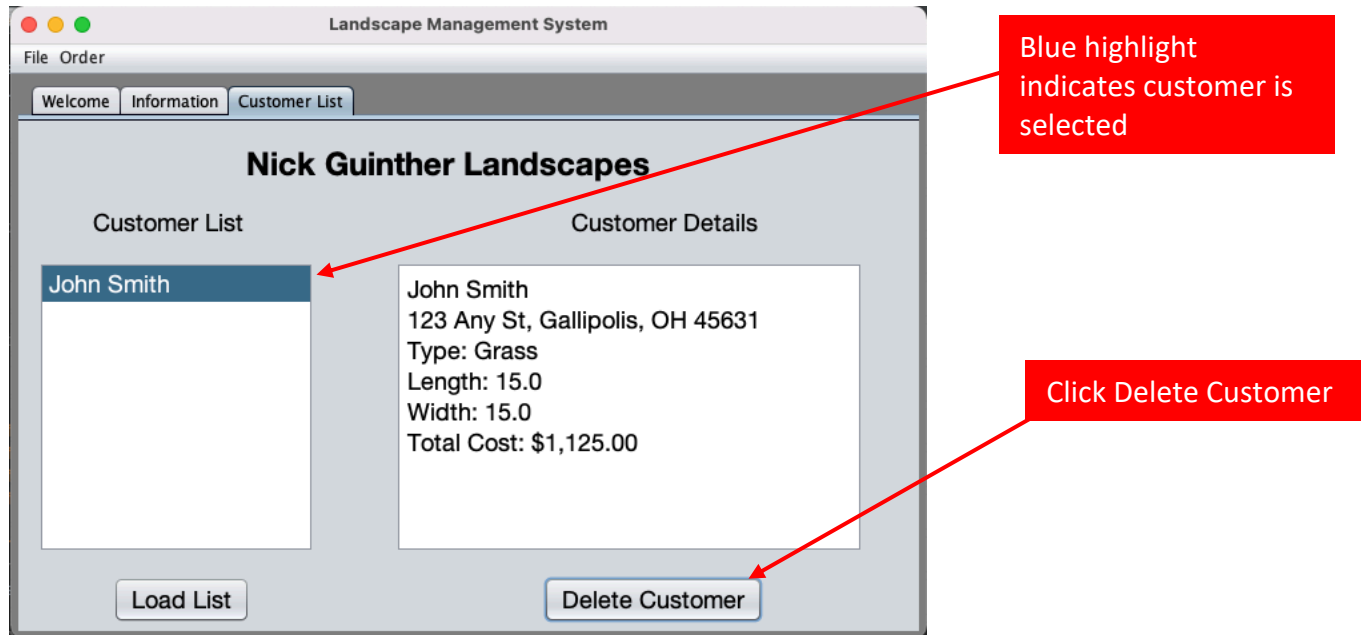To delete a customer from the customer list simply select the customer you wish to remove from the database and click "Delete Customer".

Blue highlight indicates customer is selected
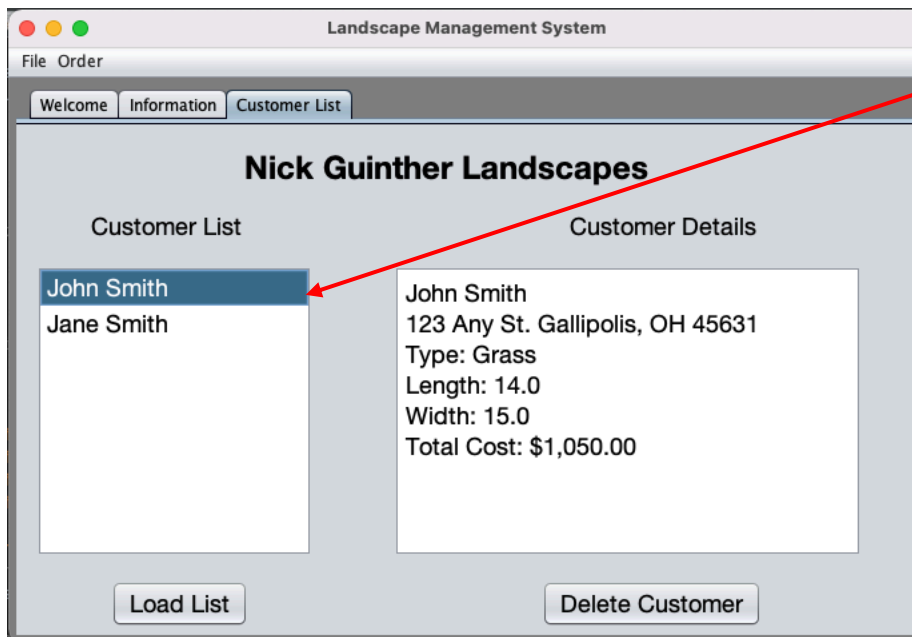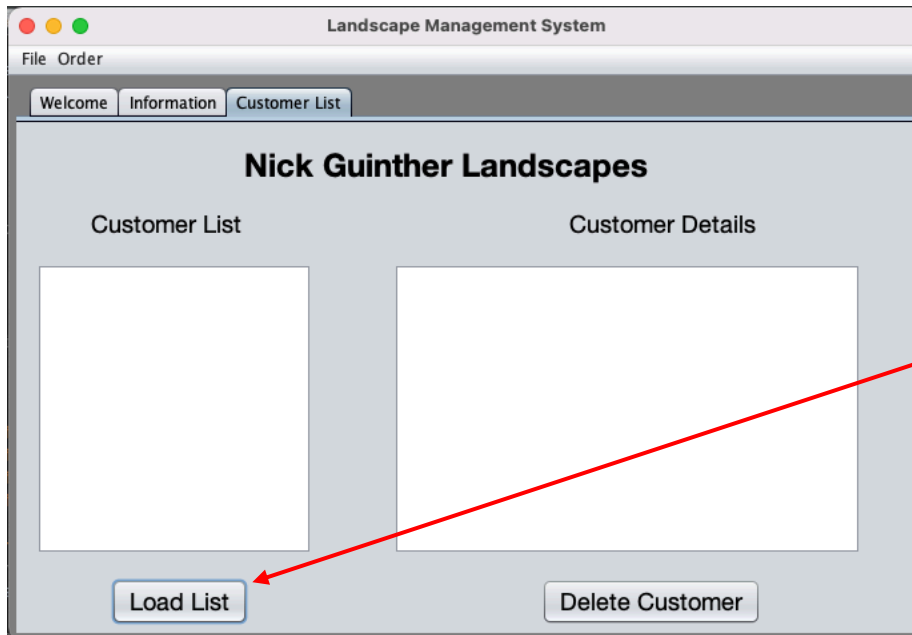
Click Delete Customer

You will be able to verify that the deletions were successful when the app displays a blank screen in the event you only have once customer in your database. See Below.

Show All Customers

The application is designed to automatically load your customer list at start up. In the even the customers from your database do not load we have included a load list button below the list

that can be clicked to perform the action again. If the customer list still does not load refer to the troubleshooting section of this manual.

Click Load List

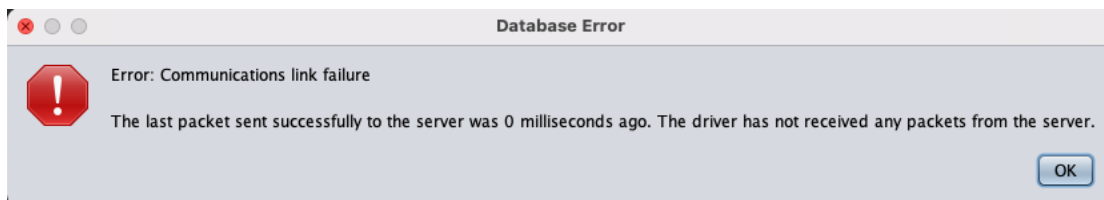List of Customers after being loaded

Troubleshooting

The most common error will be forgetting to select the yard type. The application will remind you to select an option and return you back to the "Welcome" tab.

Depending on what system you are using you may need to make sure that your MySQL server is running before launching the application. The following error will display of your server is not currently running. In this case your application will still run but it will not be able to add or pull from the database. Any information entered into the application will be permanently lost once the application is closed.

Technical Support

For further assistance contact Guinther Application Services Technical support at:
(123) 456-789
Technical support is available 24/7