

CAB302 Assignment 2

Documentation

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Start screen:

The screenshot shows a macOS window titled "PizzaGUI" with a standard title bar (red, yellow, green buttons) and a menu bar. The menu bar includes "Log Loader", system status icons (Wi-Fi, battery at 74%, time "Thu 21:36"), and search/zoom icons. The application interface has a blue header bar with two buttons: "Click here to Select & Load a File" and "Reset ALL". Below the header is a grey bar with a text input field labeled "Area to display the selected LogFile Path". The main content area is divided into two sections. The top section features a table with five columns: "Pizza Type", "Quantity", "Order Price (\$)", "Order Cost (\$)", and "Order Profit (\$)". To the right of this table is a button labeled "Show Orders". Below the table is a grey bar containing a text input field labeled "Tot Profit" and a button labeled "Calculate Total Profit". The bottom section features a table with five columns: "Customer Name", "Mobile Number", "Customer Type", "X and Y Location", and "Distance from Restaurant". To the right of this table is a button labeled "Show Customers". Below the table is a grey bar containing a text input field labeled "Tot Distance" and a button labeled "Calculate Total Distance". At the very bottom of the window is a grey bar with a button labeled "Close".

Click here to Select & Load a File Reset ALL

Area to display the selected LogFile Path

Pizza Type	Quantity	Order Price (\$)	Order Cost (\$)	Order Profit (\$)
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Show Orders

Tot Profit Calculate Total Profit

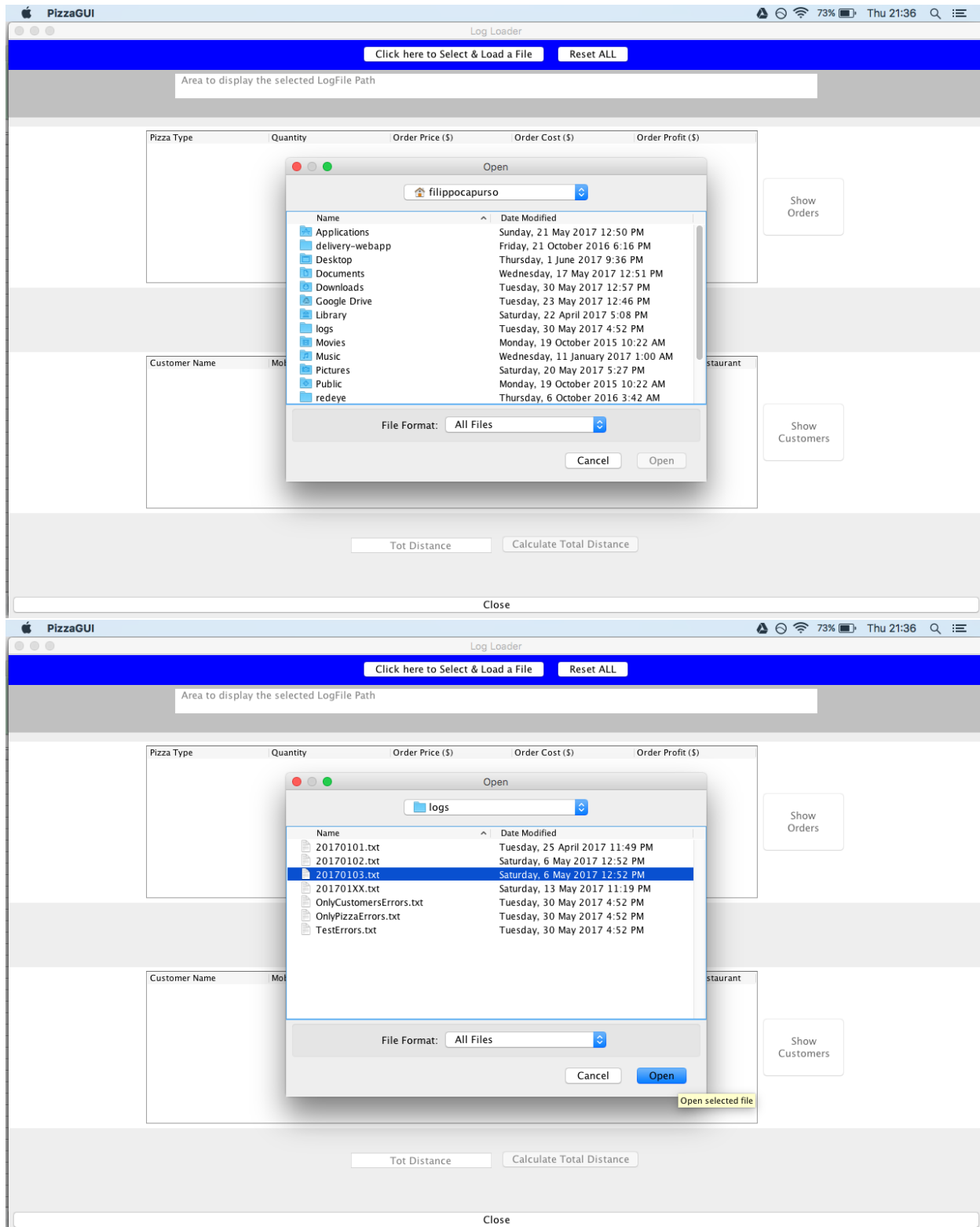
Customer Name	Mobile Number	Customer Type	X and Y Location	Distance from Restaurant
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Show Customers

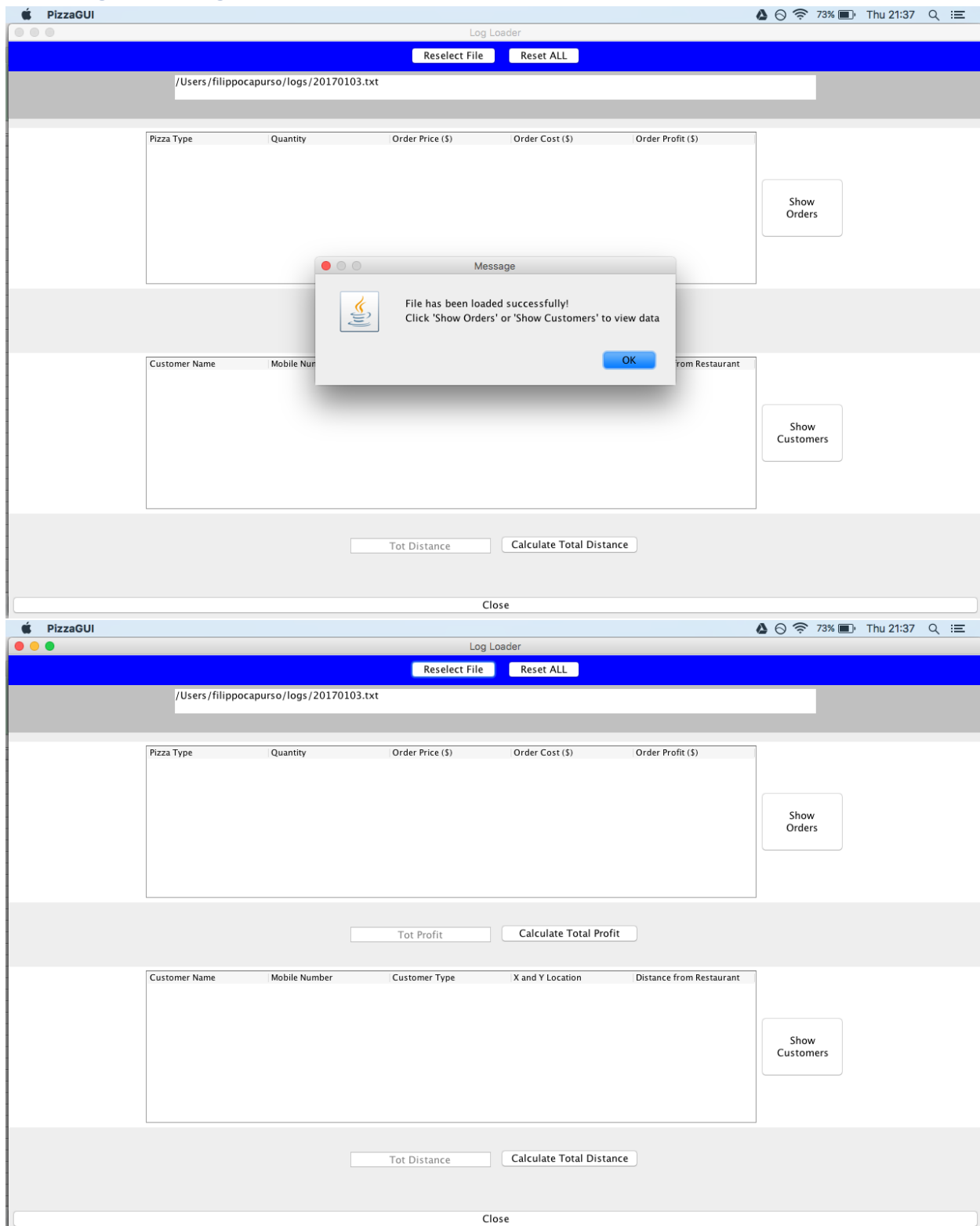
Tot Distance Calculate Total Distance

Close

Selecting Logfile:



Loading valid logfile:



Showing Logfiles contents (Orders):

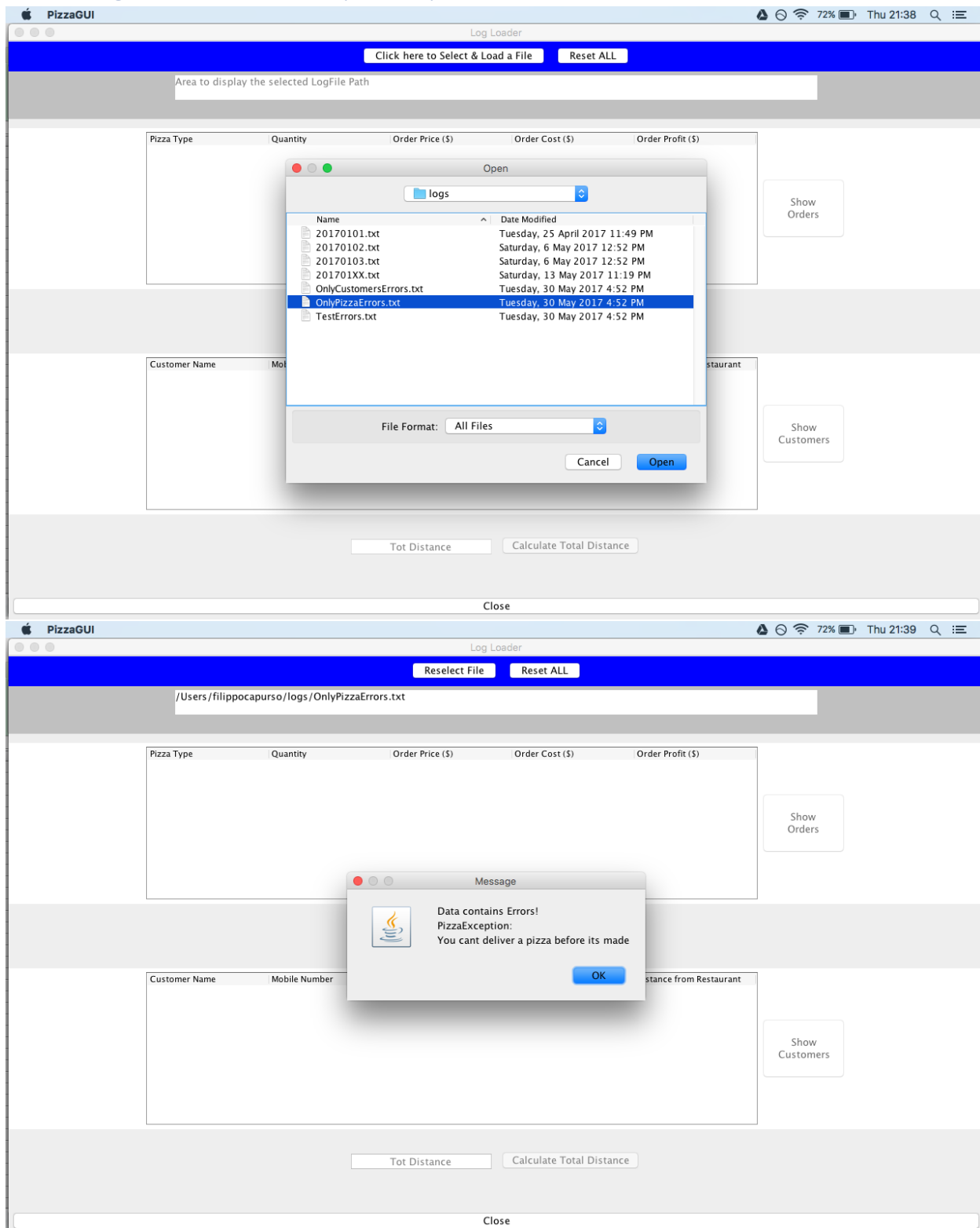
The screenshot shows the PizzaGUI application with the Log Loader window open. The window has a title bar with 'PizzaGUI' and 'Log Loader'. Below the title bar are buttons for 'Reselect File' and 'Reset ALL'. A text field shows the file path: '/Users/filippocapurso/logs/20170103.txt'. The main content area contains two tables. The first table, 'Orders', has columns: Pizza Type, Quantity, Order Price (\$), Order Cost (\$), and Order Profit (\$). The second table, 'Customers', has columns: Customer Name, Mobile Number, Customer Type, X and Y Location, and Distance from Restaurant. Below the tables are buttons for 'Show Orders' and 'Show Customers'. At the bottom are buttons for 'Tot Profit', 'Calculate Total Profit', 'Tot Distance', and 'Calculate Total Distance'. A 'Close' button is at the very bottom.

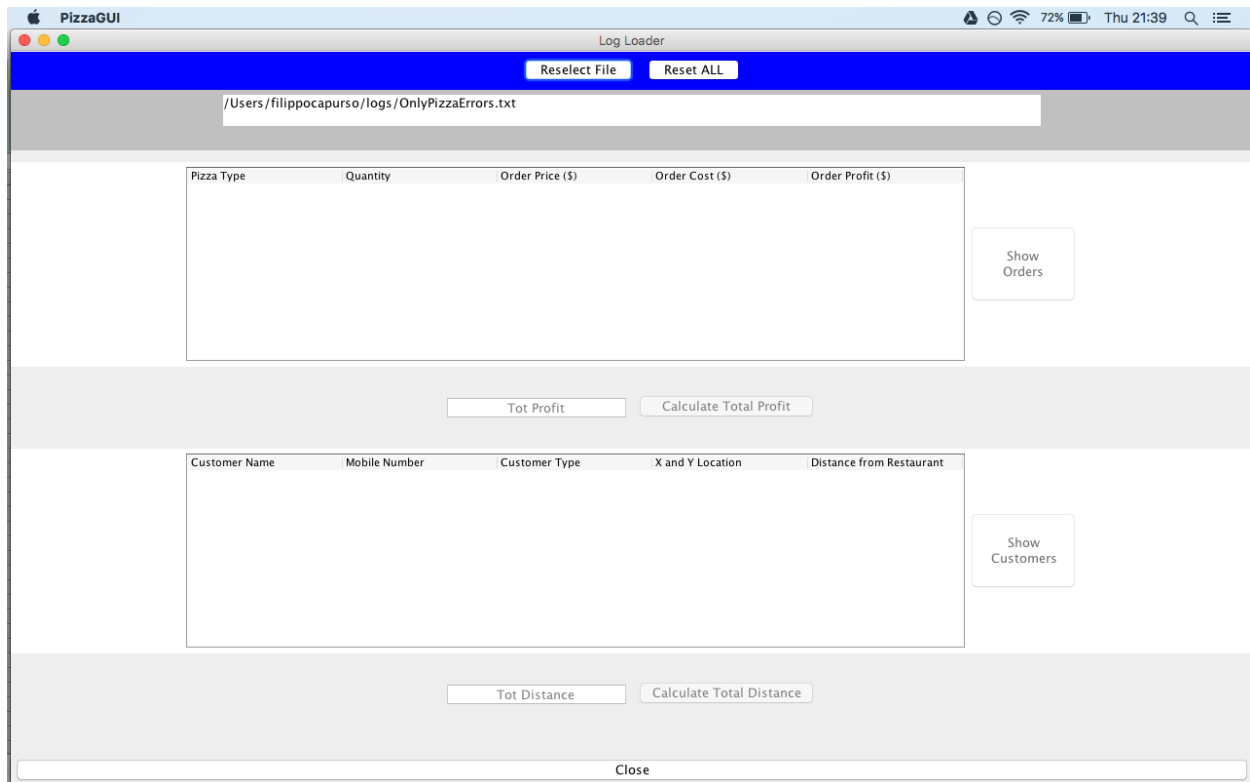
Pizza Type	Quantity	Order Price (\$)	Order Cost (\$)	Order Profit (\$)
Vegetarian	2	20.0	11.0	9.0
Vegetarian	6	60.0	33.0	27.0
Margherita	2	16.0	3.0	13.0
Margherita	9	72.0	13.5	58.5
Vegetarian	6	60.0	33.0	27.0
Margherita	8	64.0	12.0	52.0
Meat Lovers	8	96.0	40.0	56.0
Margherita	3	24.0	4.5	19.5
Margherita	9	72.0	13.5	58.5
Vegetarian	5	50.0	27.5	22.5
Meat Lovers	6	72.0	30.0	42.0

Customer Name	Mobile Number	Customer Type	X and Y Location	Distance from Restaurant
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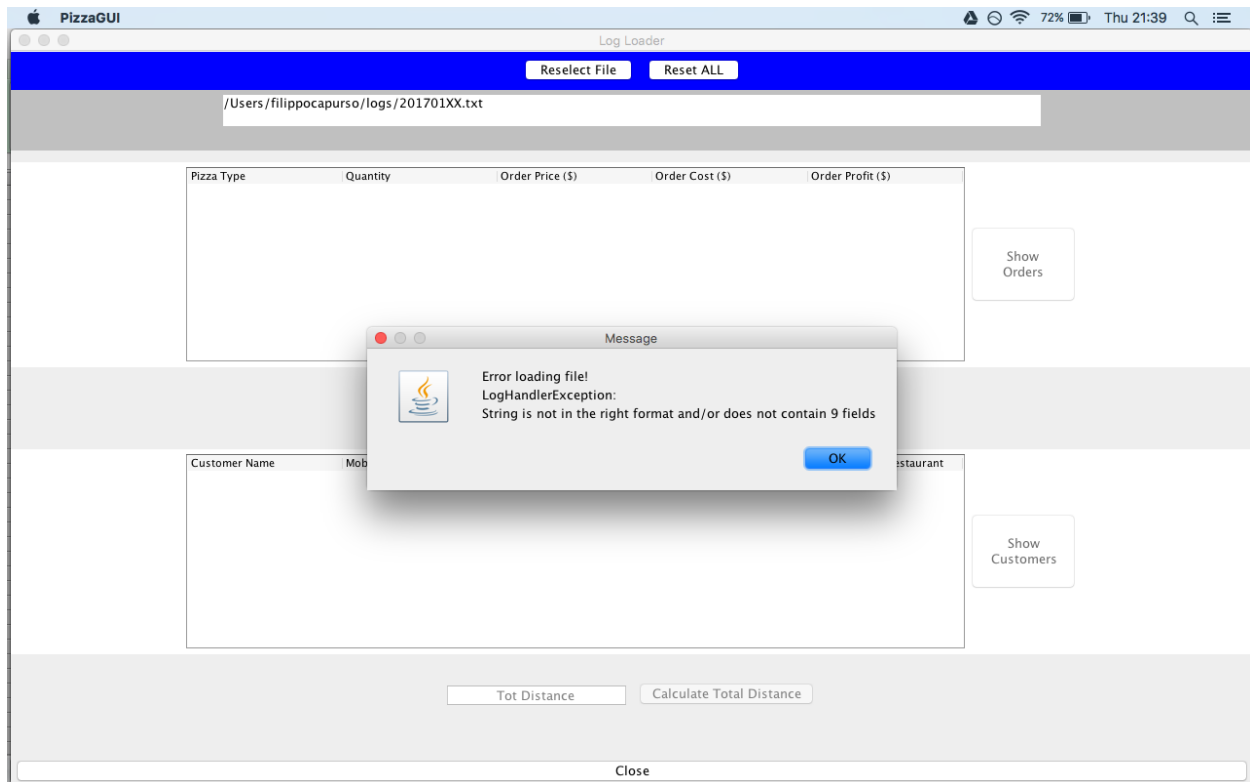
Buttons: Show Orders, Show Customers, Tot Profit, Calculate Total Profit, Tot Distance, Calculate Total Distance, Close.

Selecting file with errors (Pizzas):





Loading Corrupted file:



Calculating Profit:

PizzaGUI

Log Loader

73% Thu 21:38

Reselect File

Reset ALL

/Users/filippocapurso/logs/20170103.txt

Pizza Type	Quantity	Order Price (\$)	Order Cost (\$)	Order Profit (\$)
Meat Lovers	2	24.0	10.0	14.0
Vegetarian	5	50.0	27.5	22.5
Vegetarian	9	90.0	49.5	40.5
Margherita	6	48.0	9.0	39.0
Meat Lovers	2	24.0	10.0	14.0
Vegetarian	4	40.0	22.0	18.0
Margherita	1	8.0	1.5	6.5
Meat Lovers	2	24.0	10.0	14.0
Vegetarian	2	20.0	11.0	9.0
Vegetarian	2	20.0	11.0	9.0
Margherita	5	40.0	7.5	32.5

Show Orders

\$ 2849.0

Calculate Total Profit

Customer Name	Mobile Number	Customer Type	X and Y Location	Distance from Restaurant
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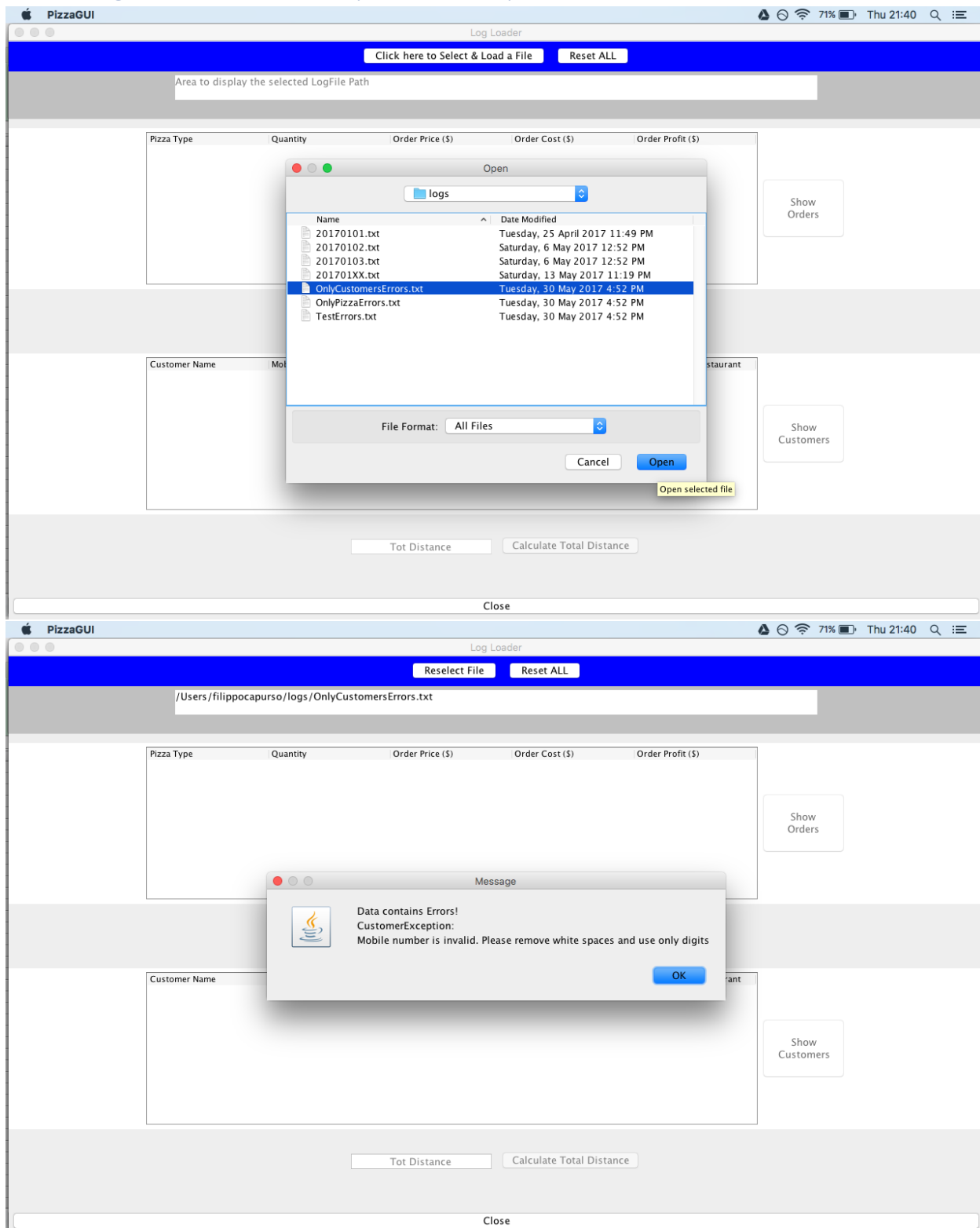
Show Customers

Tot Distance

Calculate Total Distance

Close

Selecting files with errors (Customers):



Showing Logfiles contents (Customers):

The screenshot displays the PizzaGUI application's Log Loader window. The window has a title bar with 'PizzaGUI' and a status bar with system icons and the time 'Thu 21:41'. The main area is divided into two sections. The top section is for loading a log file, with buttons for 'Reselect File' and 'Reset ALL'. The bottom section displays the log file contents in a table format, with buttons for 'Show Orders' and 'Show Customers'.

Log Loader Window 1 (Top):

Log File: /Users/filippocapurso/logs/20170103.txt

Pizza Type	Quantity	Order Price (\$)	Order Cost (\$)	Order Profit (\$)
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Buttons: Tot Profit, Calculate Total Profit

Buttons: Show Orders

Buttons: Tot Distance, Calculate Total Distance

Buttons: Close

Log Loader Window 2 (Bottom):

Log File: /Users/filippocapurso/logs/20170103.txt

Customer Name	Mobile Number	Customer Type	X and Y Location	Distance from Restaurant
Aiden Zhang	0161429209	Driver Delivery	-3, 9	12.0
Aria Thompson	0695536923	Driver Delivery	6, 0	6.0
Eli Walker	0106952291	Drone Delivery	8, 1	8.06
Jackson Williams	0738659032	Driver Delivery	-7, -6	13.0
Aria Jones	0490411652	Driver Delivery	6, 1	7.0
Caden Zhang	0369972735	Pick Up	0, 0	0.0
Jackson Smith	0700483384	Driver Delivery	-1, -1	2.0
Olivia Williams	0771390439	Pick Up	0, 0	0.0
Eli Thompson	0971562239	Drone Delivery	-2, 1	2.24
Aria Martin	0366014592	Driver Delivery	-1, 8	9.0
Riley Kumar	0802976919	Pick Up	0, 0	0.0

Buttons: Tot Profit, Calculate Total Profit

Buttons: Show Customers

Buttons: Tot Distance, Calculate Total Distance

Buttons: Close

The screenshot shows the PizzaGUI application interface. At the top, there's a title bar with 'PizzaGUI' and standard macOS window controls. Below the title bar, there's a 'Log Loader' window. This window has a blue header with 'Reselect File' and 'Reset ALL' buttons. The main area of the 'Log Loader' window displays a file path: '/Users/filippocapurso/logs/20170103.txt'. Below this, there's a table with the following columns: 'Pizza Type', 'Quantity', 'Order Price (\$)', 'Order Cost (\$)', and 'Order Profit (\$)'. The table is currently empty. To the right of the table, there's a 'Show Orders' button. Below the table, there's a 'Tot Profit' field and a 'Calculate Total Profit' button. At the bottom of the 'Log Loader' window, there's a 'Close' button. In the background, another window is visible, showing a table of customer data with columns: 'Customer Name', 'Mobile Number', 'Customer Type', 'X and Y Location', and 'Distance from Restaurant'. This table contains 10 rows of data. To the right of this table, there's a 'Show Customers' button. At the bottom of the background window, there's a 'Calculate Total Distance' button and a 'Close' button.

Pizza Type	Quantity	Order Price (\$)	Order Cost (\$)	Order Profit (\$)
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Tot Profit: Calculate Total Profit

Customer Name	Mobile Number	Customer Type	X and Y Location	Distance from Restaurant
Liam Williams	0501817885	Pick Up	0, 0	0.0
Noah King	0978606365	Pick Up	0, 0	0.0
Oliver Anderson	0127752535	Drone Delivery	6, -5	7.81
Noah Brown	0428172281	Pick Up	0, 0	0.0
Mia Lee	0107362539	Drone Delivery	-7, 8	10.63
Oliver Williams	0343506449	Pick Up	0, 0	0.0
Caden Harris	0742258212	Pick Up	0, 0	0.0
Zoe Walker	0757858655	Pick Up	0, 0	0.0
Jackson King	0864579313	Drone Delivery	-10, -4	10.77
Liam Singh	0503206257	Drone Delivery	4, 3	5.0
Ethan Zhang	0724528976	Drone Delivery	-4, -6	7.21

518.67 Calculate Total Distance

PizzaGUI 71% Thu 21:42

Log Loader

Reselect File Reset ALL

/Users/filippocapurso/logs/20170103.txt

Pizza Type	Quantity	Order Price (\$)	Order Cost (\$)	Order Profit (\$)
Vegetarian	2	20.0	11.0	9.0
Vegetarian	6	60.0	33.0	27.0
Margherita	2	16.0	3.0	13.0
Margherita	9	72.0	13.5	58.5
Vegetarian	6	60.0	33.0	27.0
Margherita	8	64.0	12.0	52.0
Meat Lovers	8	96.0	40.0	56.0
Margherita	3	24.0	4.5	19.5
Margherita	9	72.0	13.5	58.5
Vegetarian	5	50.0	27.5	22.5
Meat Lovers	6	72.0	30.0	42.0

Show Orders

\$ 2849.0 Calculate Total Profit

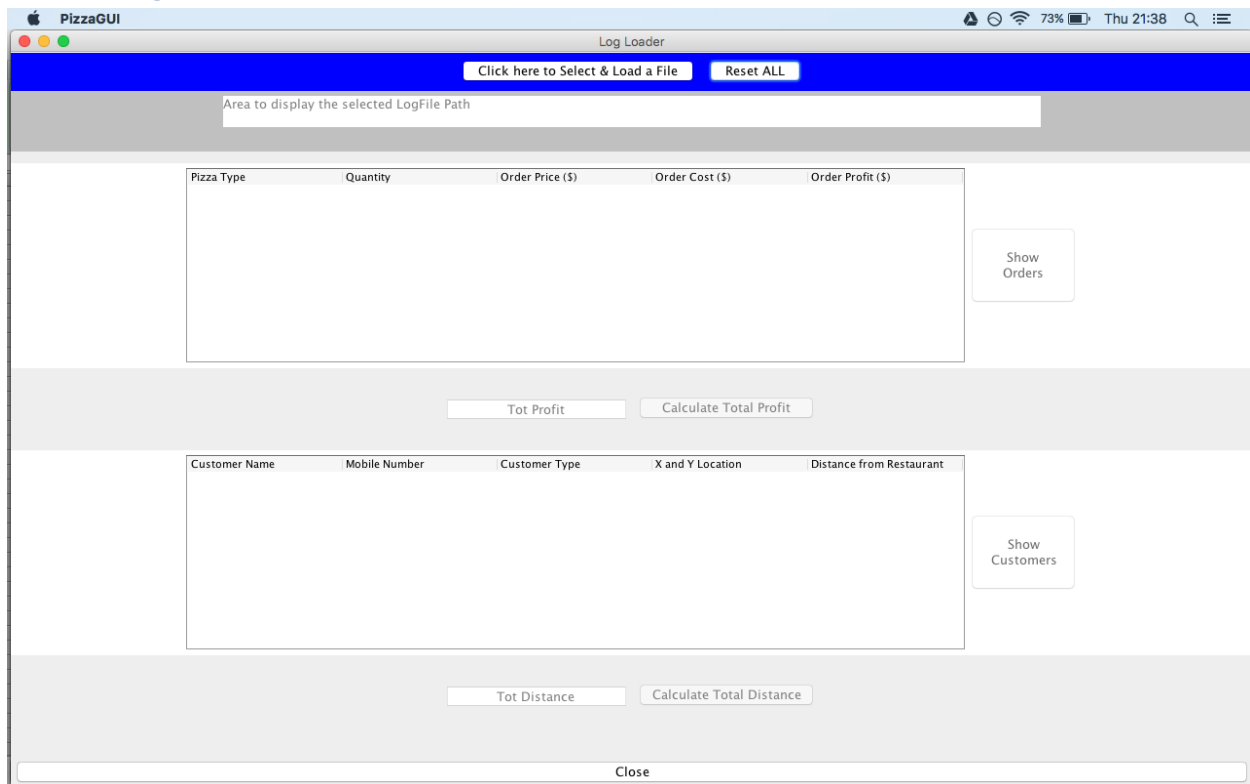
Customer Name	Mobile Number	Customer Type	X and Y Location	Distance from Restaurant
Aiden Zhang	0161429209	Driver Delivery	-3, 9	12.0
Aria Thompson	0695536923	Driver Delivery	6, 0	6.0
Eli Walker	0106952291	Drone Delivery	8, 1	8.06
Jackson Williams	0738659032	Driver Delivery	-7, -6	13.0
Aria Jones	0490411652	Driver Delivery	6, 1	7.0
Caden Zhang	0369972735	Pick Up	0, 0	0.0
Jackson Smith	0700483384	Driver Delivery	-1, -1	2.0
Olivia Williams	0771390439	Pick Up	0, 0	0.0
Eli Thompson	0971562239	Drone Delivery	-2, 1	2.24
Aria Martin	0366014592	Driver Delivery	-1, 8	9.0
Riley Kumar	0802976919	Pick Up	0, 0	0.0

Show Customers

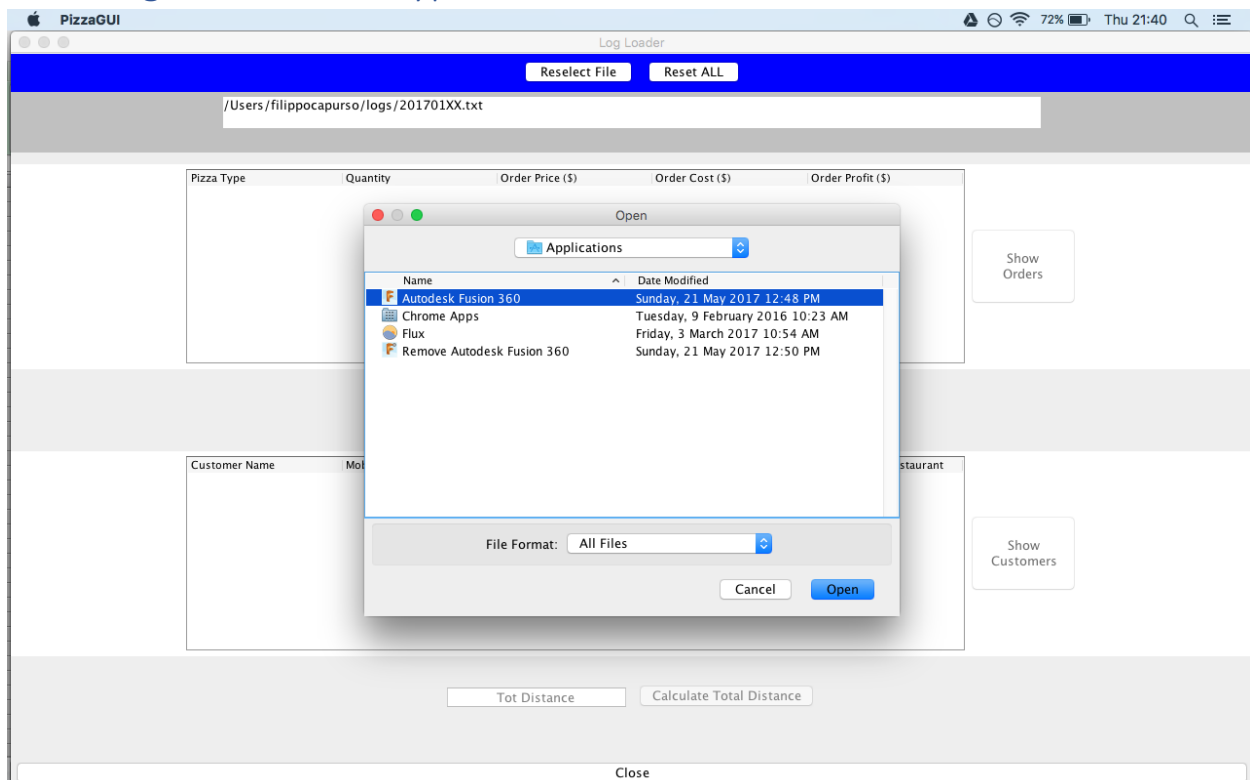
518.67 Calculate Total Distance

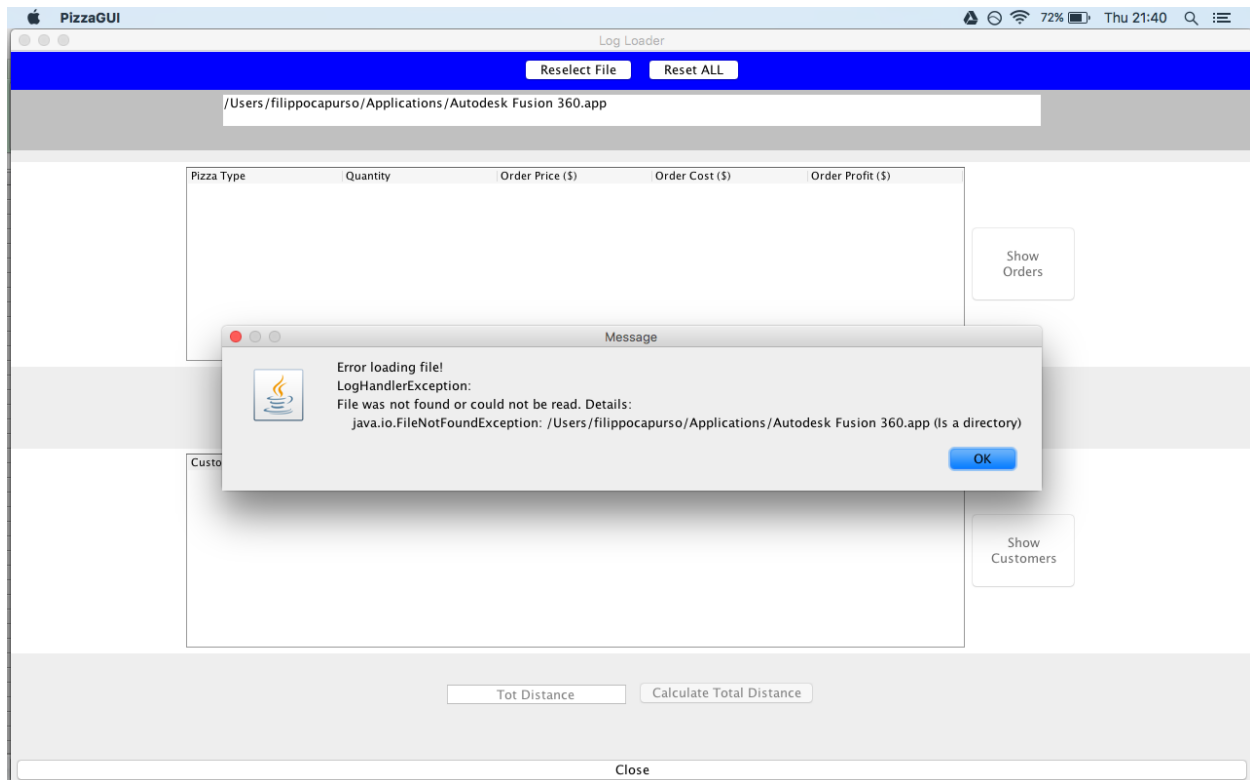
Close

Resetting GUI :



Selecting incorrect file type:





Selecting new log with a log already loaded:

