CAB302 – ASSIGNMENT 2 (35%)

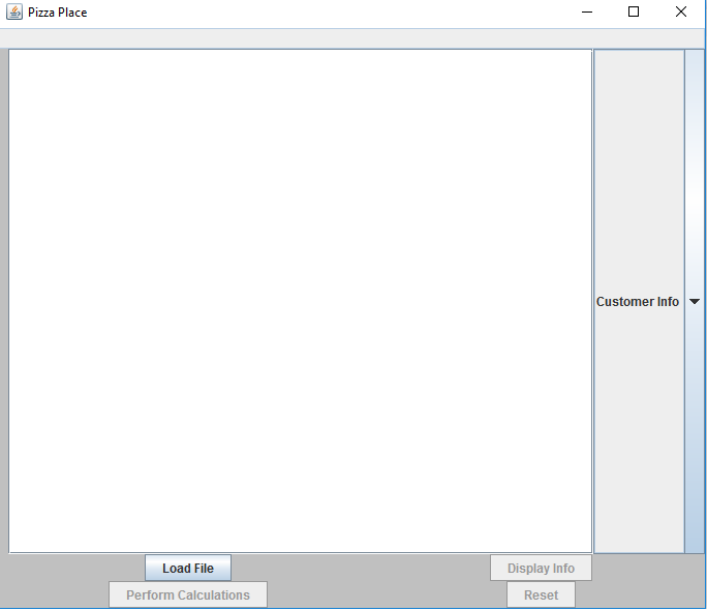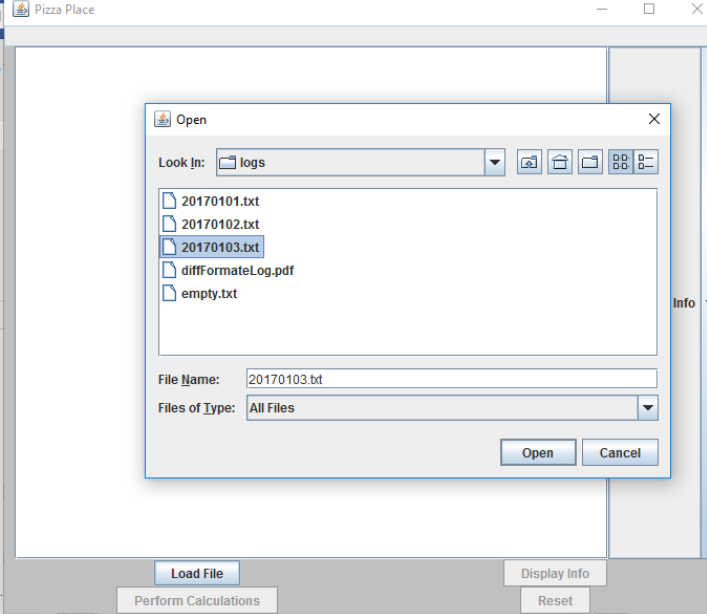By Calum Oke (n9716751) and Douglas Kumar (n9714375)

Statement of Contribution:

Calum – Contributed 50% of the Assignment and was Person A
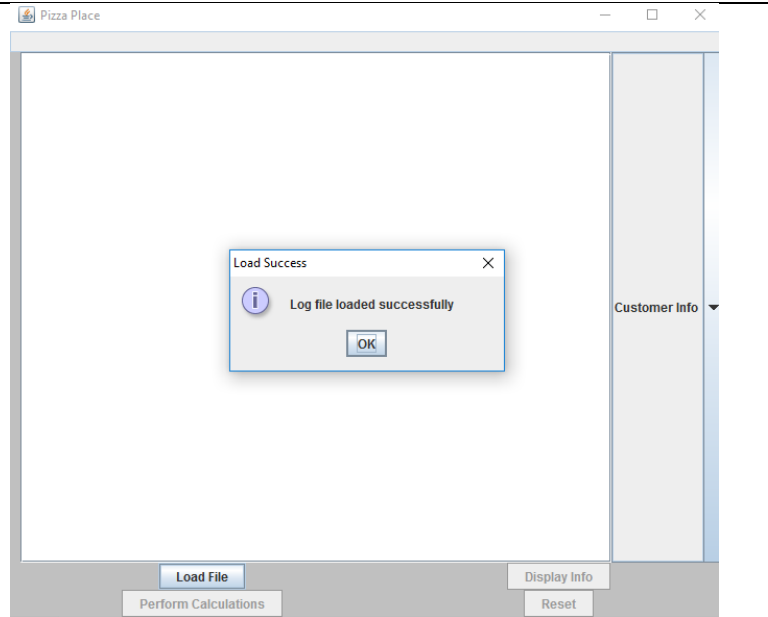
Douglas – Contributed 50% of the Assignment and was Person B

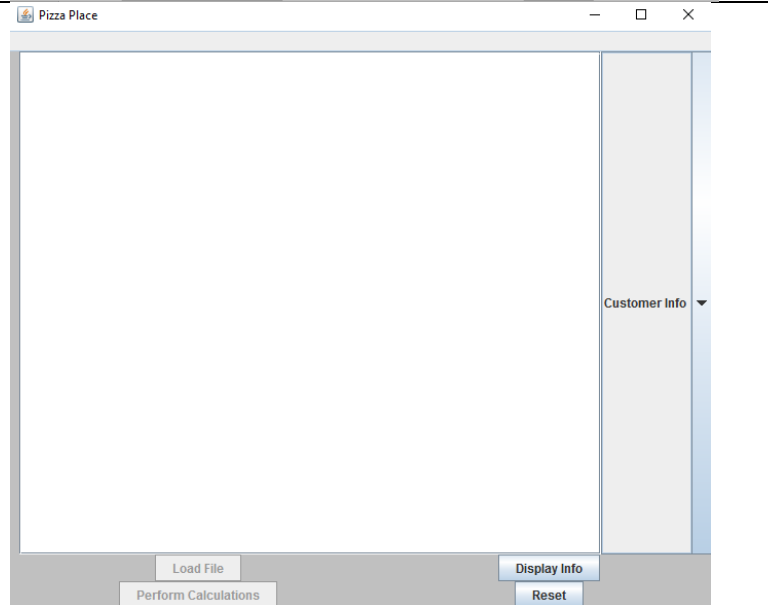Both partners are happy to receive an average grading of the project

GUI Functionality:

Functionality	Screenshot
This is the initial screen that is shown when the Wizard is first run. The user has the option to load a file, or choose a filter to switch between customer info or pizza info	
The user clicks the "Load File" button and a directory window pops up. The user proceeds to the directory where the log files are kept. The user selects the file they want to open and is about to click the "Open" button.	

The user receives feedback via a pop up window that notes to the user the file has been successfully loaded	
The user now has the option to display the info, depending on the current tab that is selected (in this case customer info) and an option to reset the data. These operations are completed by clicking on either the "Display Info" button or "Reset" button	

The user clicks 'Display Info' button and the data from the log file is displayed in the correct table columns. The user can scroll down by clicking and holding on the scroll bar to see all the data. The user can now choose to reset the data, change filter, or click the "Perform Calculations," which displays the overall total of distance travelled or total profit made, depending on the tab they are on (in this case, the total distance to travel).

Pizza Place

Name	Number	Type	X-Location	Y-Location	Distance
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 Willia...	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
Lucas Singh	0325896689	Driver Delivery	8	-7	15.0
Liam Brown	0935179891	Drone Delivery	4	-6	7.21
Eli Chen	0589121504	Pick Up	0	0	0.0
Eli Williams	0291112066	Pick Up	0	0	0.0
Mason Taylor	0827334350	Driver Delivery	2	8	10.0
Oliver Harris	0509035028	Drone Delivery	5	-8	9.43
Liam Lee	0798235022	Pick Up	0	0	0.0
Ava Chen	0933504994	Drone Delivery	5	1	5.1
Aria Williams	0494594692	Driver Delivery	-4	7	11.0
Bella Jones	0903269896	Drone Delivery	-4	3	5.0
Jackson Singh	0357192142	Drone Delivery	2	-6	6.32
Caden Patel	0727701090	Pick Up	0	0	0.0
Sophia Singh	0758515491	Drone Delivery	5	0	5.0
Bella Walker	0219354992	Driver Delivery	-1	7	8.0
Rose Harris	0478003851	Drone Delivery	5	8	9.43
Mason Li	0680676309	Drone Delivery	-5	4	6.4
Sophia King	0621508275	Pick Up	0	0	0.0
Ava Singh	0846779926	Pick Up	0	0	0.0

Customer Info

Load File   Display Info
Perform Calculations   Reset

The user clicks the perform calculations button, which sequentially leads to displaying the overall total of the distance travelled, in a text field. From here, the user has the option to change filters, reset or click display info, which will hide the total calculation, but still show all information

Pizza Place

Total deliver distance: 518.65

Name	Number	Type	X-Location	Y-Location	Distance
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 Willia...	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
Lucas Singh	0325896689	Driver Delivery	8	-7	15.0
Liam Brown	0935179891	Drone Delivery	4	-6	7.21
Eli Chen	0589121504	Pick Up	0	0	0.0
Eli Williams	0291112066	Pick Up	0	0	0.0
Mason Taylor	0827334350	Driver Delivery	2	8	10.0
Oliver Harris	0509035028	Drone Delivery	5	-8	9.43
Liam Lee	0798235022	Pick Up	0	0	0.0
Ava Chen	0933504994	Drone Delivery	5	1	5.1
Aria Williams	0494594692	Driver Delivery	-4	7	11.0
Bella Jones	0903269896	Drone Delivery	-4	3	5.0
Jackson Singh	0357192142	Drone Delivery	2	-6	6.32
Caden Patel	0727701090	Pick Up	0	0	0.0
Sophia Singh	0758515491	Drone Delivery	5	0	5.0
Bella Walker	0219354992	Driver Delivery	-1	7	8.0
Rose Harris	0478003851	Drone Delivery	5	8	9.43
Mason Li	0680676309	Drone Delivery	-5	4	6.4
Sophia King	0621508275	Pick Up	0	0	0.0
Ava Singh	0846779926	Pick Up	0	0	0.0

Customer Info

Load File   Display Info
Perform Calculations   Reset

The user then changes to the 'Pizza Info' tab option and clicks the display info button to display the pizza information, like the customer info set up.

The user clicks the perform calculations button, which displays the total profit made overall, like the total distance in customer info.
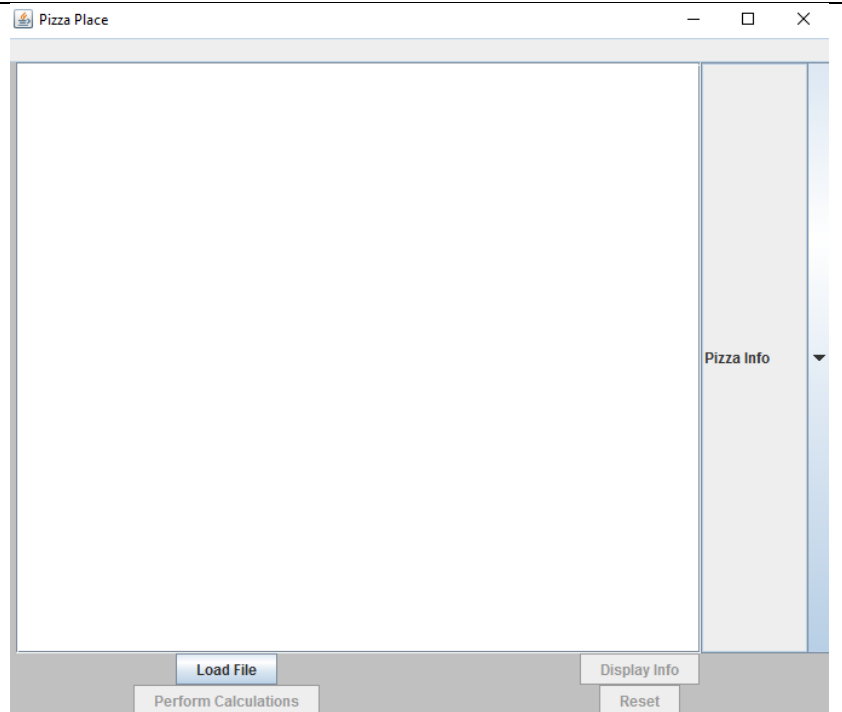
The user then clicks the reset button, which clears all displayed data and disable every button, until they load another log file. The process from the start of the Wizard is repeated until the user closes the GUI by clicking the top right "X" button	
In the off case the user decides to load a file in a different file format and style. A pop up error message will be displayed, and direct them back to the main GUI screen to load a new file without crashing	