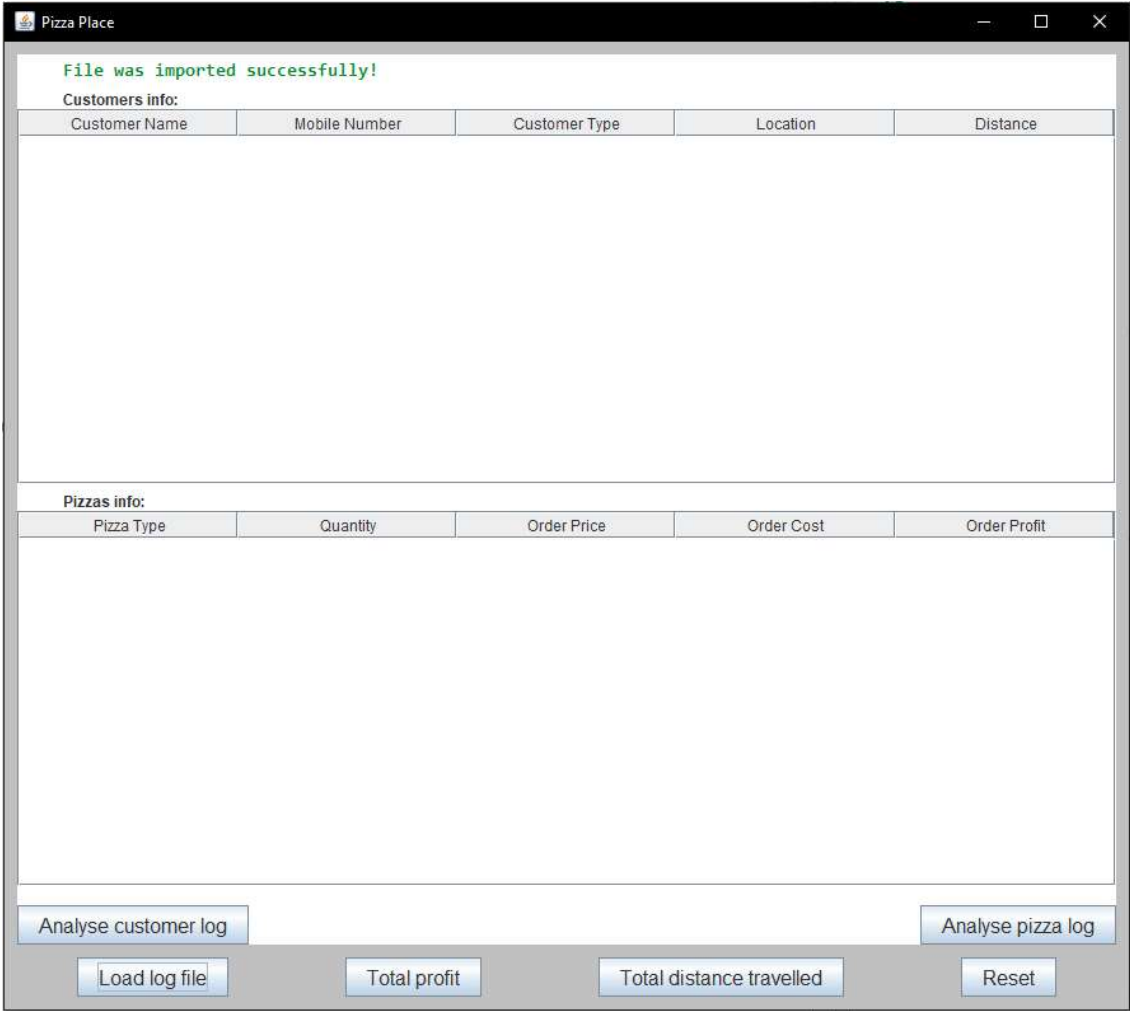# CAB302 Software Development

Assignment 2: Test-Driven Development and Graphical User Interface Programming

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GUI Functionality – Person A & B

Successfully loading a log file

Successfully resetting the system and clearing all information

Pizza Place   — ☐ ✕

Application was successfully reset!

Customers info:

Customer Name	Mobile Number	Customer Type	Location	Distance

Pizzas info:

Pizza Type	Quantity	Order Price	Order Cost	Order Profit

Analyse customer log				Analyse pizza log
Load log file	Total profit	Total distance travelled		Reset

GUI Functionality – Person A

Successfully displaying details related to the order

Pizza Place — □ ✕

File was imported successfully!

Customers info:

Customer Name	Mobile Number	Customer Type	Location	Distance

Pizzas info:

Pizza Type	Quantity	Order Price	Order Cost	Order Profit
Vegetarian	5	50.00	27.50	22.50
Meat Lovers	9	108.00	45.00	63.00
Vegetarian	2	20.00	11.00	9.00
Margherita	1	8.00	1.50	6.50
Vegetarian	7	70.00	38.50	31.50
Meat Lovers	7	84.00	35.00	49.00
Vegetarian	2	20.00	11.00	9.00
Meat Lovers	4	48.00	20.00	28.00
Meat Lovers	5	60.00	25.00	35.00
Meat Lovers	9	108.00	45.00	63.00

[Analyse customer log] [Analyse pizza log]

[Load log file] [Total profit] [Total distance travelled] [Reset]

Successfully calculating and displaying the total profit

Pizza Place — □ ×

File was imported successfully!

Customers info:

Customer Name	Mobile Number	Customer Type	Location	Distance

Pizzas info:

Pizza Type	Quantity		Order Cost	Order Profit
Vegetarian	5			22.50
Meat Lovers	9	108.00	45.00	63.00
Vegetarian	2	20.00	11.00	9.00
Margherita	1	8.00	1.50	6.50
Vegetarian	7	70.00	38.50	31.50
Meat Lovers	7	84.00	35.00	49.00
Vegetarian	2	20.00	11.00	9.00
Meat Lovers	4	48.00	20.00	28.00
Meat Lovers	5	60.00	25.00	35.00
Meat Lovers	9	108.00	45.00	63.00

Message ×

ⓘ Total profit for today is $316.50

[OK]

[Analyse customer log]   [Analyse pizza log]

[Load log file]   [Total profit]   [Total distance travelled]   [Reset]

Informing the user when a log file contains invalid pizza details
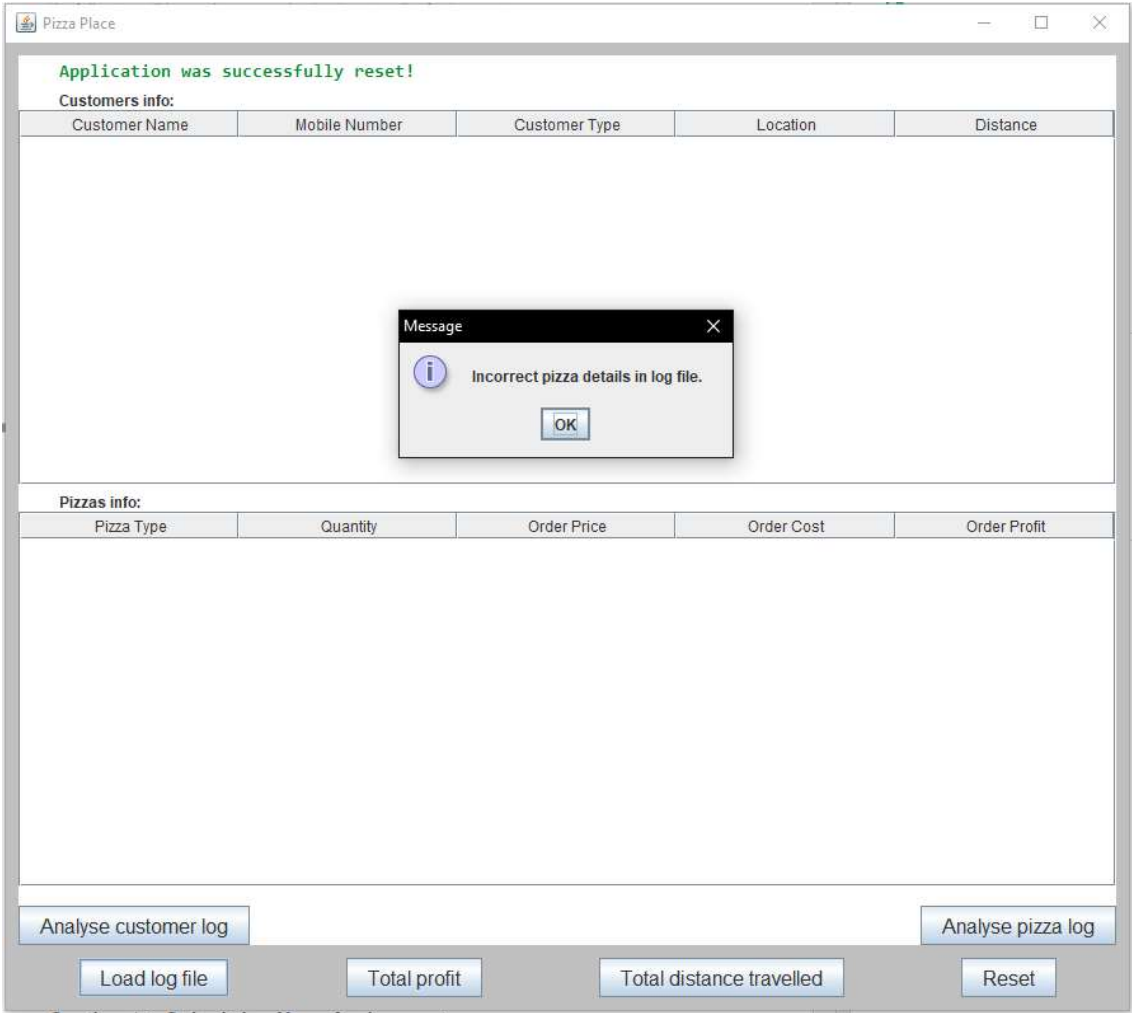
GUI Functionality – Person B

Successfully displaying details related to the customers

Pizza Place

File was imported successfully!

Customers info:

Customer Name	Mobile Number	Customer Type	Location	Distance
Emma Brown	0602547760	Driver Delivery	(-1, 0)	1.00 blocks
Lucas Anderson	0755201141	Drone Delivery	(-4, 5)	6.40 blocks
Sophia Singh	0193102468	Drone Delivery	(1, 8)	8.06 blocks
Bella Chen	0265045495	Pick Up	(0, 0)	0.00 blocks
Sophia Brown	0101102333	Drone Delivery	(-2, 4)	4.47 blocks
Eli Wang	0858312357	Pick Up	(0, 0)	0.00 blocks
Riley Brown	0708426008	Drone Delivery	(-2, 0)	2.00 blocks
Emma Chen	0678585543	Drone Delivery	(-4, 2)	4.47 blocks
Jackson Taylor	0698979160	Driver Delivery	(-5, -10)	15.00 blocks
Caden Kumar	0862001010	Pick Up	(0, 0)	0.00 blocks

Pizzas info:

Pizza Type	Quantity	Order Price	Order Cost	Order Profit

Analyse customer log				Analyse pizza log
Load log file	Total profit	Total distance travelled		Reset

Successfully calculating and displaying the total distance travelled

Pizza Place

File was imported successfully!

Customers info:

Customer Name	Mobile Number	Customer Type	Location	Distance
Emma Brown	0602547760	Driver Delivery	(-1, 0)	1.00 blocks
Lucas Anderson	0755201141	Drone Delivery	(-4, 5)	6.40 blocks
Sophia Singh	0193102468	Drone Delivery	(1, 8)	8.06 blocks
Bella Chen	0265045495	Pick Up	(0, 0)	0.00 blocks
Sophia Brown	0101102333	Drone Delivery	(-2, 4)	4.47 blocks
Eli Wang	0858312357	Pick Up	(0, 0)	0.00 blocks
Riley Brown	0708426008	Drone Delivery	(-2, 0)	2.00 blocks
Emma Chen	0678585543	Drone Delivery	(-4, 2)	4.47 blocks
Jackson Taylor	0698979160	Driver Delivery	(-5, -10)	15.00 blocks
Caden Kumar	0862001010	Pick Up	(0, 0)	0.00 blocks

Pizzas info:

Pizza Type	Quantity		ost	Order Profit

Message

(i) Distance travelled for today is 41.41 blocks

OK

Analyse customer log				Analyse pizza log
Load log file	Total profit	Total distance travelled		Reset

Informing the user when a log file contains invalid customer details