

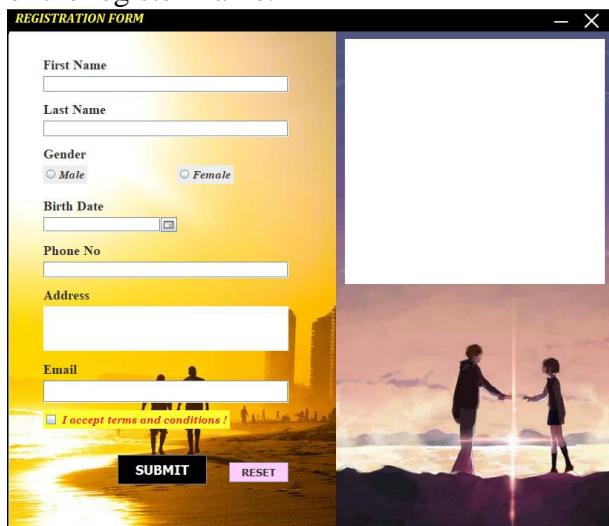
The Sample Run

Due to the new coronavirus (SARS-CoV2) has generated an unprecedented impact in most countries of the world. After analyzing the issue faced by consumers, we have decided to design a graphical user interface (GUI) to perform the function as an e-commerce platform for online shopping.

We will focus on convenient and simple online shopping mode. This allows consumers to shop online easily and conveniently. No complicated operation modes are required. Only 4 interfaces are needed to enable buyers to easily buy items. This program has 4 frames, which are Register Frame, Menu Frame, Cart Frame and Receipt Frame.

FRAME 1 – REGISTER FRAME

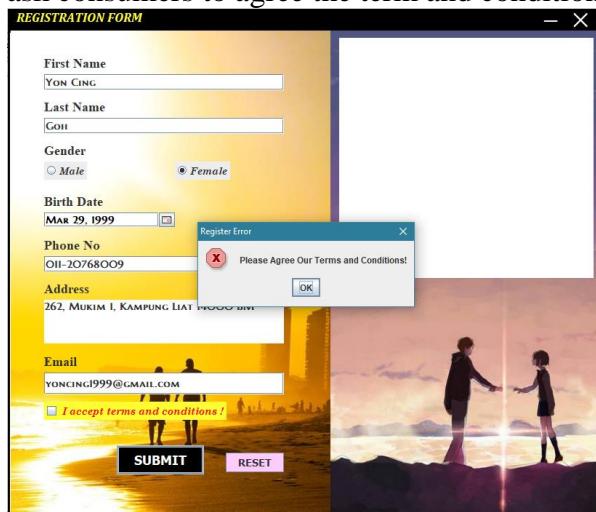
In Register frame, consumers need to register their personal information. Below is the picture of the register frame.



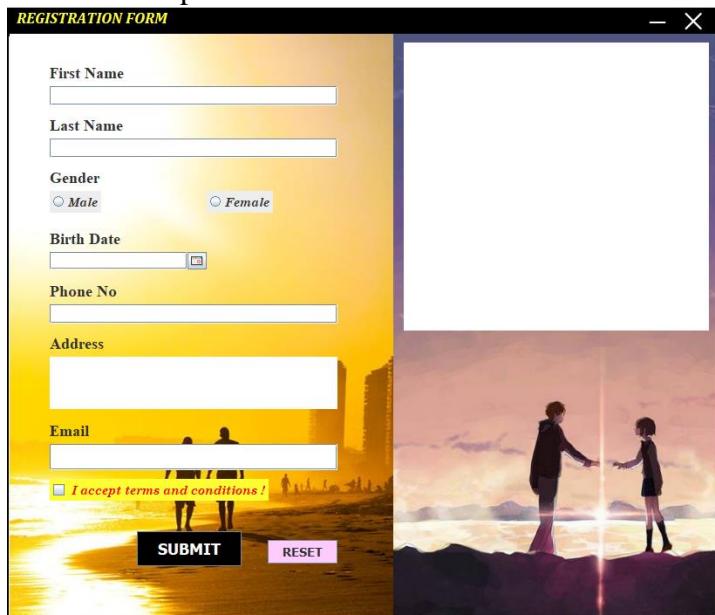
In this frame, consumers need to type their first name, last name, phone number, address and email, choose their gender and birth date, and tick 'I accept term and conditions!'.

When consumers click the X icon in the frame, this frame will close. While consumers click the – icon, this frame will minimize and show at the taskbar.

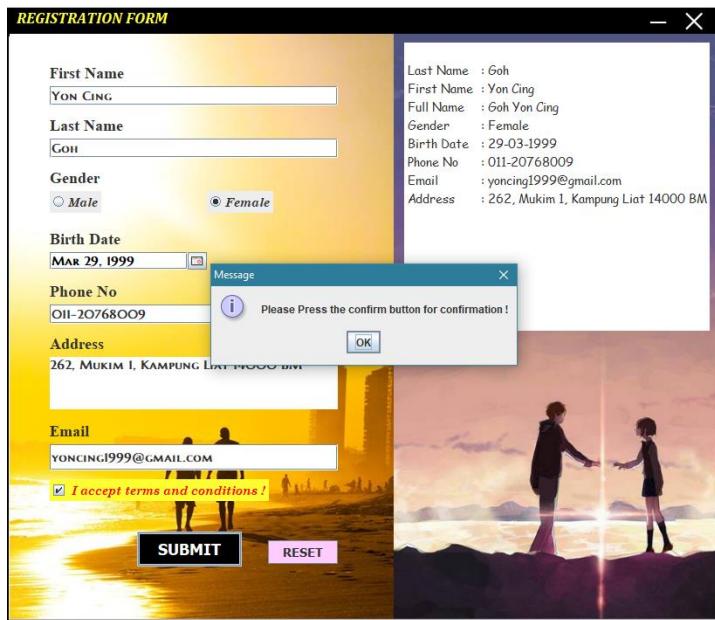
If the consumers did not click 'I accept term and conditions!', a dialog box will show out and ask consumers to agree the term and conditions like the picture below.



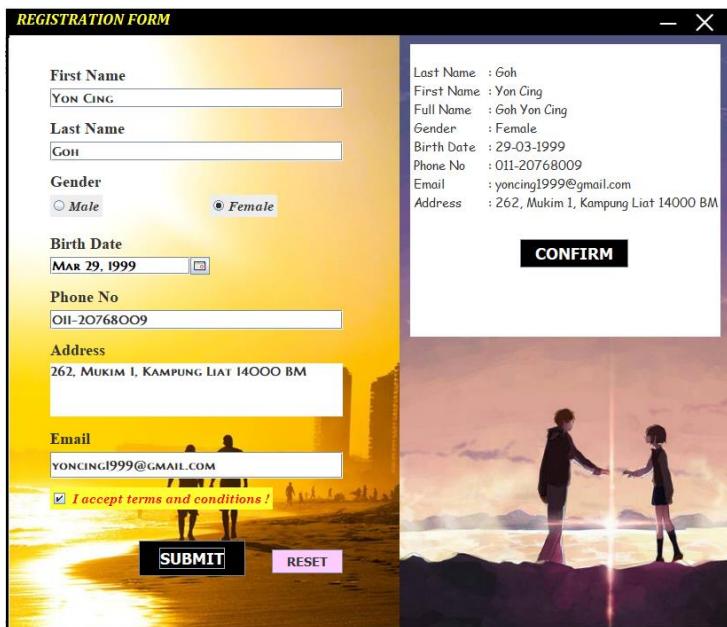
When consumers click the reset button, all the information that type by the consumers will be clear like the picture below.



Consumers need to click the submit button after they complete enter their information. The blank space in this frame will list out the data that enter by consumers. A dialog box will show out and ask consumers to press the confirm button (OK) for confirmation like the picture below.

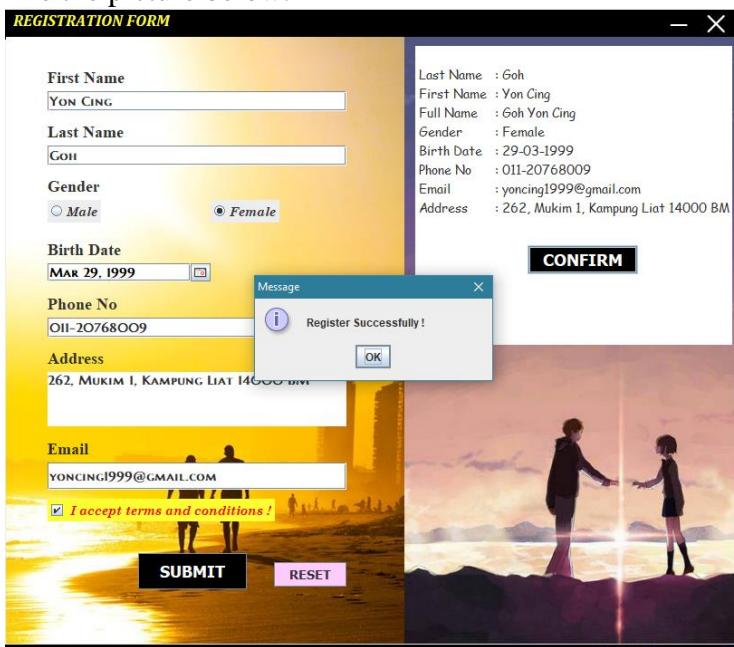


After consumers click the OK button in the dialog box, a confirm button will show out like the picture below.

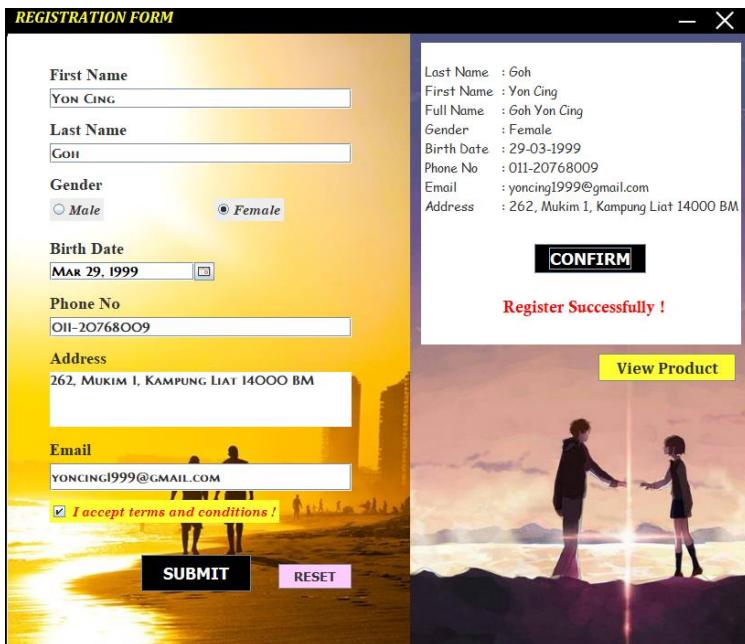


If consumers did not want confirm, the consumers can type or change the information in the text field and click the submit button again.

When consumers click the confirm button, a dialog box will show out that register successfully like the picture below.

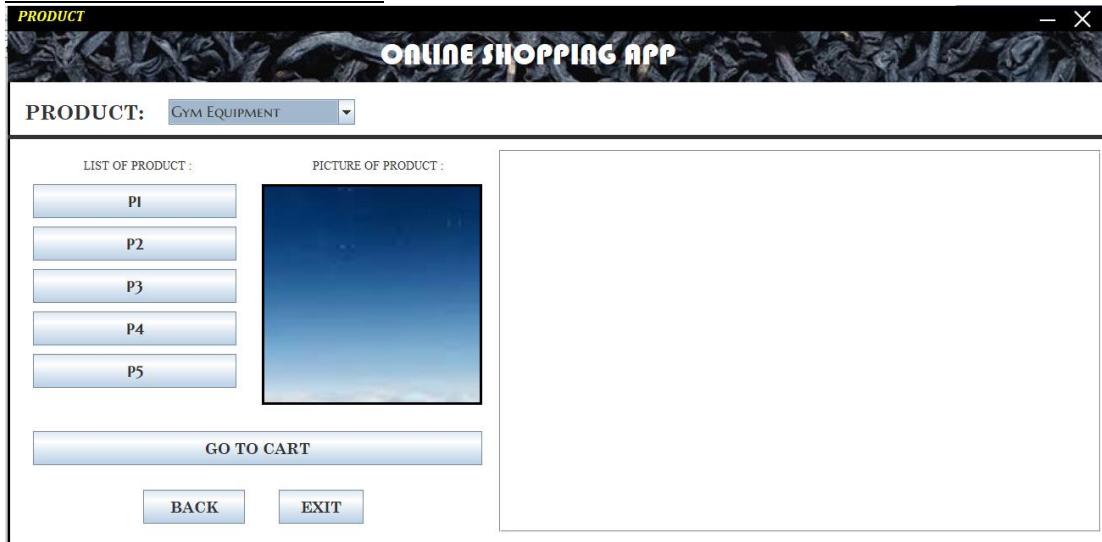


Register Successfully! and a view product button will show out like the picture below.

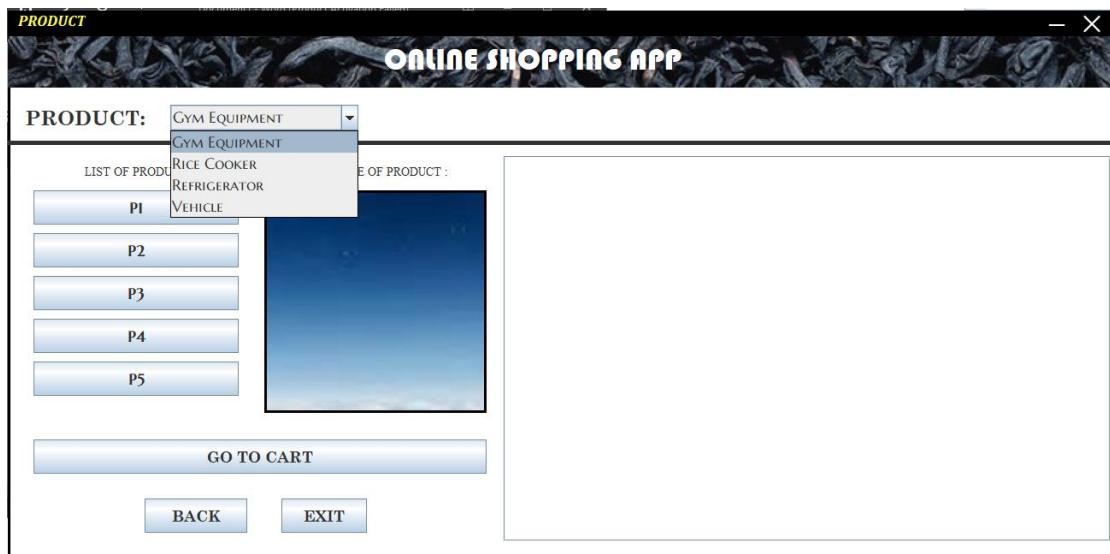


If the consumers click the view product button, the another frame will show out like the picture below.

FRAME 2 – MENU FRAME

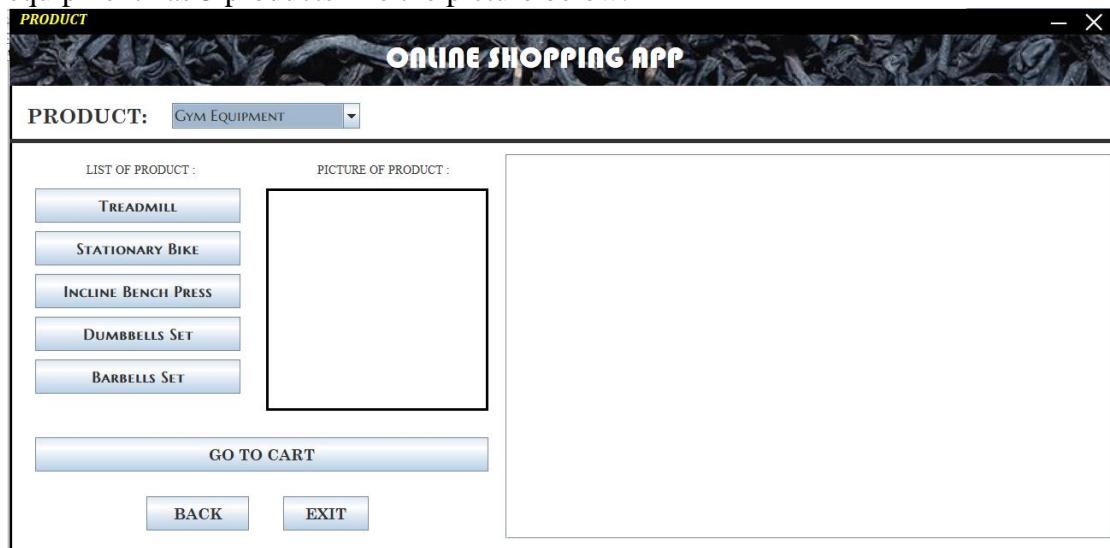


Consumers can select the category of the product to know more about it like picture below.



After consumers select a category of product, the button of list of product will change from P1, P2, P3, P4, and P5 to each product.

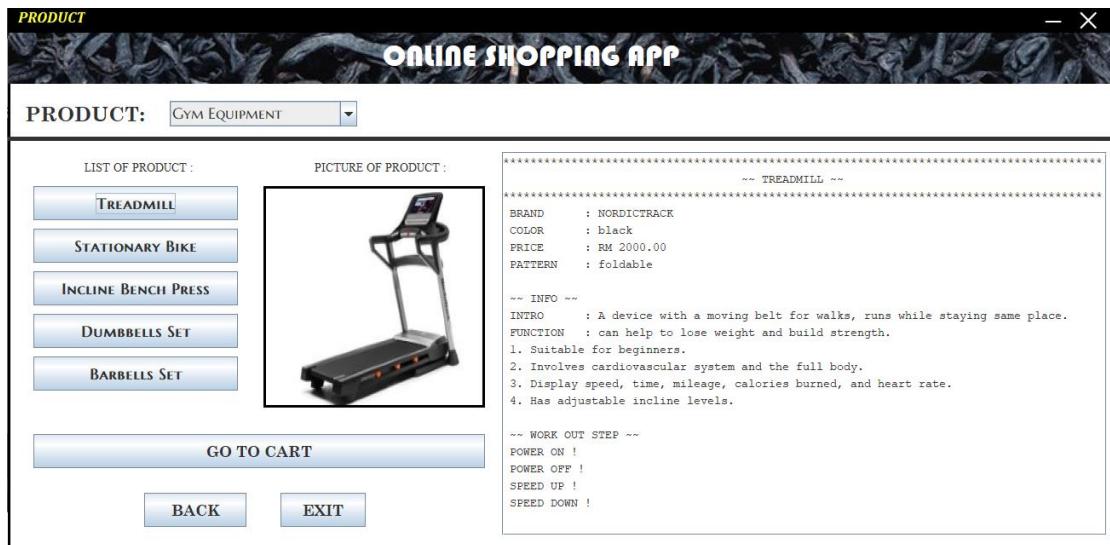
If consumers selected the gym equipment, the button of list of product will change to treadmill, stationary bike, incline bench press, dumbbells set and barbells set. It shows that the gym equipment has 5 products like the picture below.



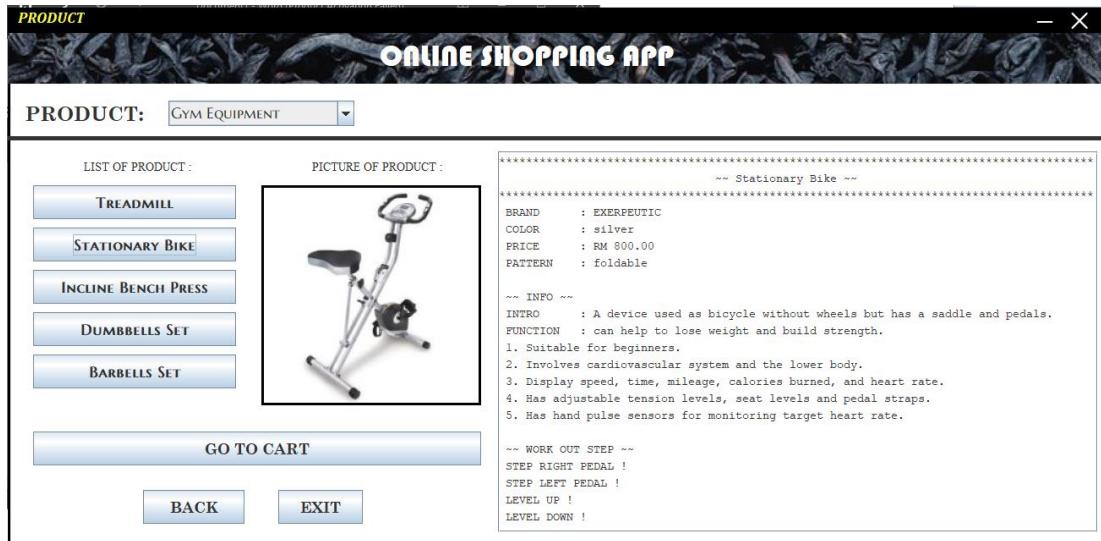
Consumers can click the button of list of product to know more about the product from each category.

After consumers click a product, the picture of the product will show out in the blank place beside the button, and the detail of the product will show out in the blank place right side in this frame.

If consumers click the treadmill button, the picture of this product, and the detail such as brand, colour, pattern, info and work out step of this product will show out like picture below.



If consumers click the stationary bike button, the picture of this product, and the detail such as brand, colour, price, pattern, info and work out step of this product will show out like picture below.



If consumers click the incline bench press button, the picture of this product, and the detail such as brand, colour, price, pattern, info and work out step of this product will show out like picture below.

PRODUCT

ONLINE SHOPPING APP

PRODUCT: GYM EQUIPMENT

LIST OF PRODUCT : TREADMILL STATIONARY BIKE INCLINE BENCH PRESS DUMBBELLS SET BARBELLS SET	PICTURE OF PRODUCT : 	**** ~ INCLINE BENCH PRESS ~ **** BRAND : BODY CHAMP COLOR : dark grey PRICE : RM 400.00 ~~ INFO ~~ INTRO : A device for trainee presses a weight upwards while lying on a bench. FUNCTION : can help to muscular chest, triceps, deltoids and build strength. 1. Suitable for intermediate. 2. Involves strength training system and the upper body. 3. Has adjustable backrest, weight racks and squat rack. ~~ WORK OUT STEP ~~ WEIGHT UP ! LIFT UP ! LIFT DOWN ! WEIGHT DOWN !
GO TO CART		
BACK EXIT		

If consumers click the dumbbells set button, the picture of this product, and the detail such as brand, colour, price, pattern, info and work out step of this product will show out like picture below.

PRODUCT

ONLINE SHOPPING APP

PRODUCT: GYM EQUIPMENT

LIST OF PRODUCT : TREADMILL STATIONARY BIKE INCLINE BENCH PRESS DUMBBELLS SET BARBELLS SET	PICTURE OF PRODUCT : 	**** ~ DUMBBELLS SET ~ **** BRAND : BOWFLEX COLOR : red PRICE : RM 400.00 SHAPE : roman letters I SIZE : small ~~ INFO ~~ INTRO : A short bar with weights on either side. FUNCTION : can help to lose weight and build strength. 1. Suitable for beginners. 2. Used individually or in pairs 3. Involves strength training and the upper body. 4. Has adjustable dumbbells with differing weights. ~~ WORK OUT STEP ~~ WEIGHT UP ! LIFT UP ! LIFT DOWN ! WEIGHT DOWN !
GO TO CART		
BACK EXIT		

If consumers click the barbells set button, the picture of this product, and the detail such as brand, colour, price, pattern, info and work out step of this product will show out like picture below.

PRODUCT

ONLINE SHOPPING APP

PRODUCT: GYM EQUIPMENT

LIST OF PRODUCT :	PICTURE OF PRODUCT :
TREADMILL STATIONARY BIKE INCLINE BENCH PRESS DUMBBELLS SET BARBells SET	
GO TO CART	
BACK	EXIT

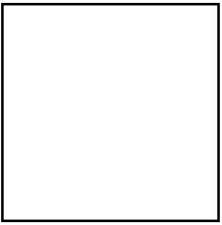
```
*****  
~~ BARBells SET ~~  
*****  
BRAND : TECHNOGYM  
COLOR : Black  
PRICE : RM 600.00  
SHAPE : roman letters I  
SIZE : big  
~~ INFO ~~  
INTRO : A long metal bar with varying weights are attached at each end.  
FUNCTION : can help to lose weight and build strength.  
1. Suitable for intermediate.  
2. Used in weight training, bodybuilding, weightlifting and powerlifting.  
3. Involves strength training and the upper body.  
4. Has adjustable weight.  
  
~~ WORK OUT STEP ~~  
WEIGHT UP !  
LIFT UP !  
LIFT DOWN !  
WEIGHT DOWN !
```

If consumers selected the rice cooker, the button of list of product will change to classic electric, gas and micro-computerized. It shows that the rice cooker has 3 products like the picture below.

PRODUCT

ONLINE SHOPPING APP

PRODUCT: RICE COOKER

LIST OF PRODUCT :	PICTURE OF PRODUCT :
CLASSIC ELECTRIC GAS MICRO-COMPUTERIZED	
GO TO CART	
BACK	EXIT

If consumers click the classic electric button, the picture of this product, and the detail such as brand, price and function or feature of this product will show out like picture below.

PRODUCT

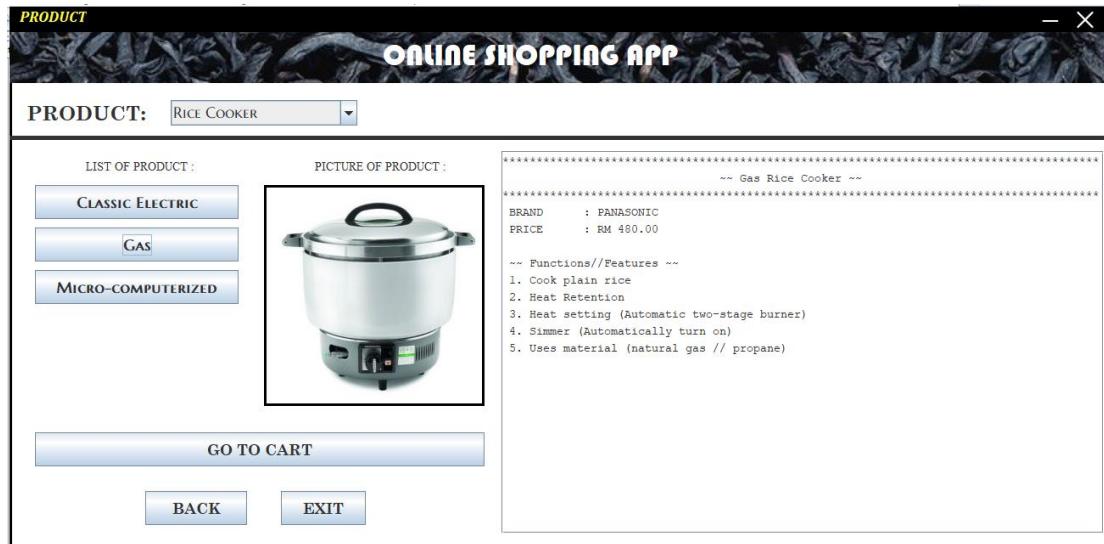
ONLINE SHOPPING APP

PRODUCT: RICE COOKER

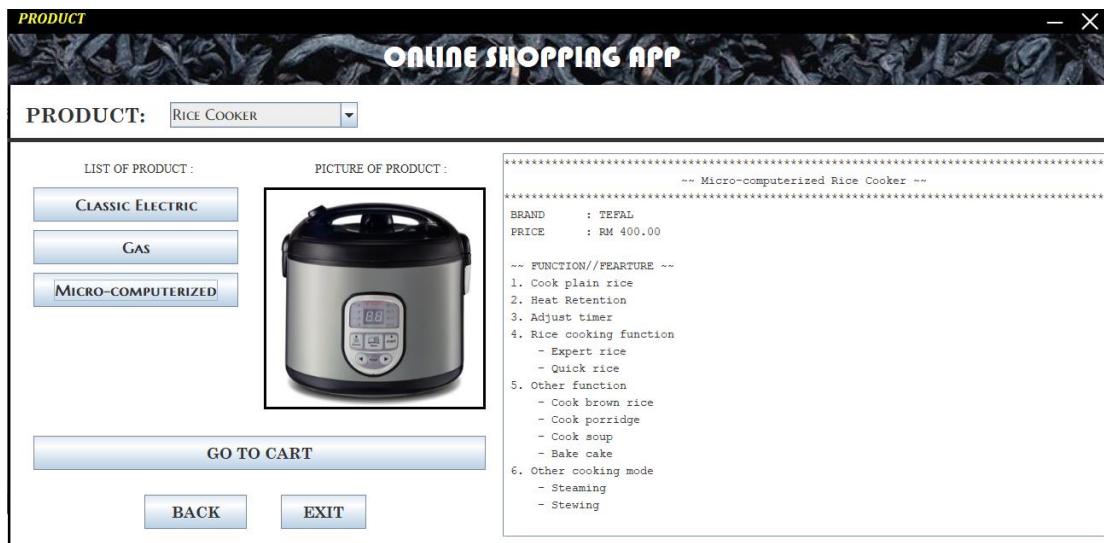
LIST OF PRODUCT :	PICTURE OF PRODUCT :
CLASSIC ELECTRIC GAS MICRO-COMPUTERIZED	
GO TO CART	
BACK	EXIT

```
*****  
~~ Classic Electric Rice Cooker ~~  
*****  
BRAND : TEFLA  
PRICE : RM 120.00  
  
~~ FUNCTION// FEATURE ~~  
1. Cook plain rice  
2. Heat Retention  
3. Internal pot (Removable)  
4. Rice cooker surface (Non-sticky)
```

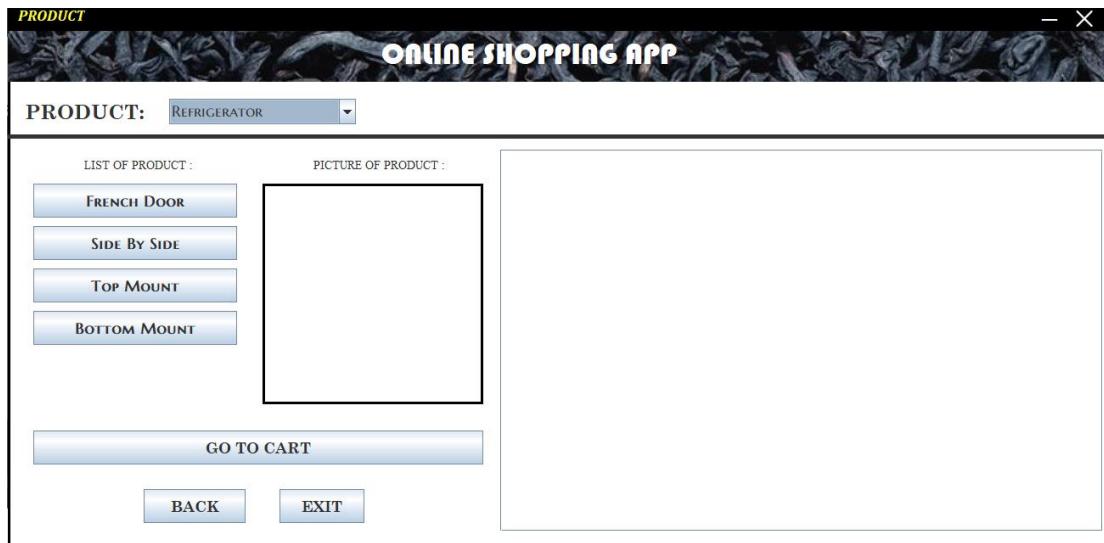
If consumers click the gas button, the picture of this product, and the detail such as brand, price and function or feature of this product will show out like picture below.



If consumers click the micro-computerized button, the picture of this product, and the detail such as brand, price and function or feature of this product will show out like picture below.



If consumers selected the refrigerator, the button of list of product will change to french door, side by side, top mount and bottom mount. It shows that the rice cooker has 4 products like the picture below.



If consumers click the french door button, the picture of this product, and the detail such as brand, price, number of door, function and the special of this product will show out like picture below.



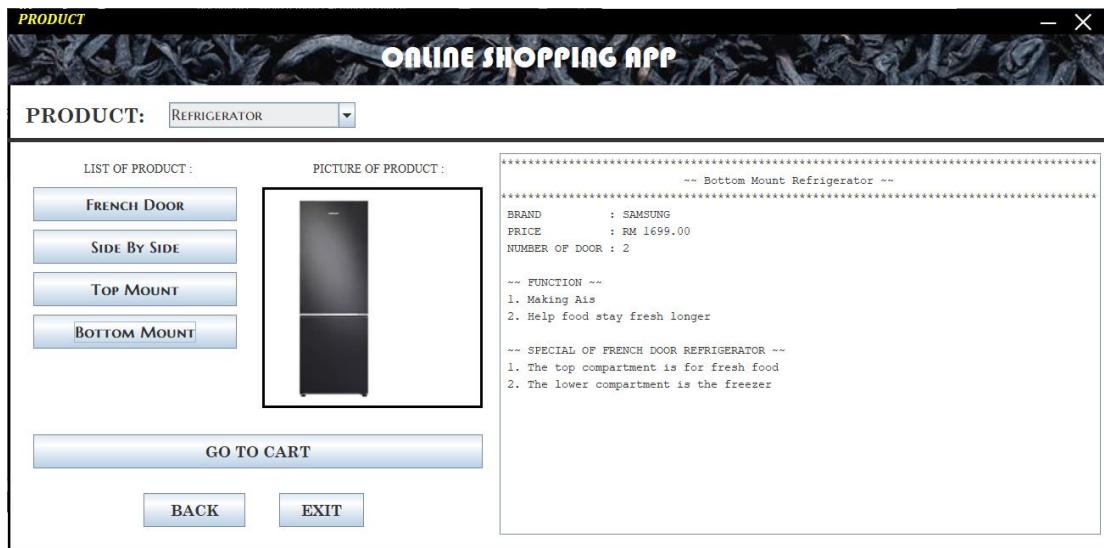
If consumers click the side by side button, the picture of this product, and the detail such as brand, price, number of door, function and the special of this product will show out like picture below.



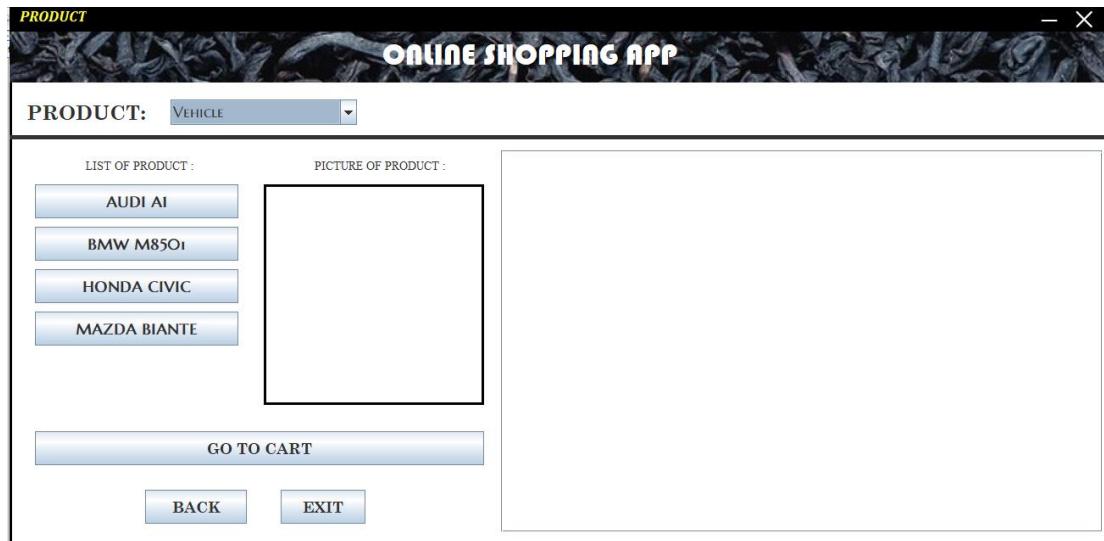
If consumers click the top mount button, the picture of this product, and the detail such as brand, price, number of door, function and the special of this product will show out like picture below.



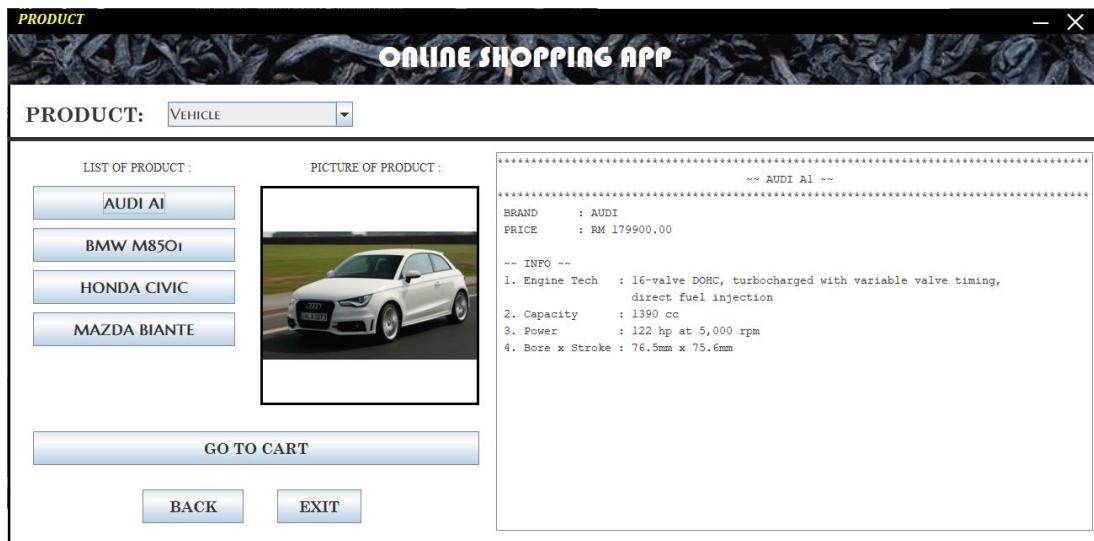
If consumers click the bottom mount button, the picture of this product, and the detail such as brand, price, number of door, function and the special of this product will show out like picture below.



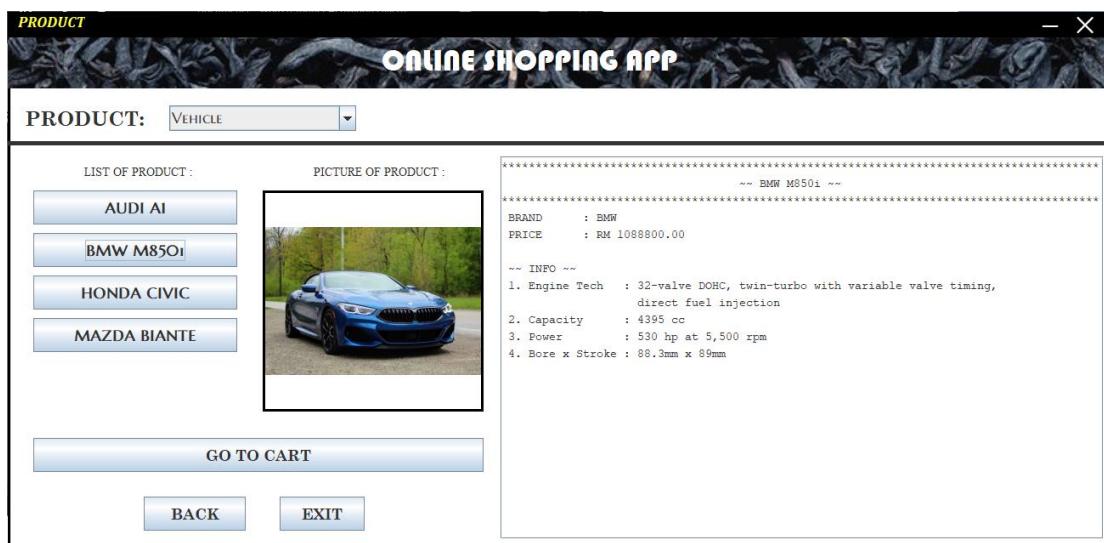
If consumers selected the vehicle, the button of list of product will change to Audi A1, BMW M850i, Honda Civic and Mazda Biante. It shows that the rice cooker has 4 products like the picture below.



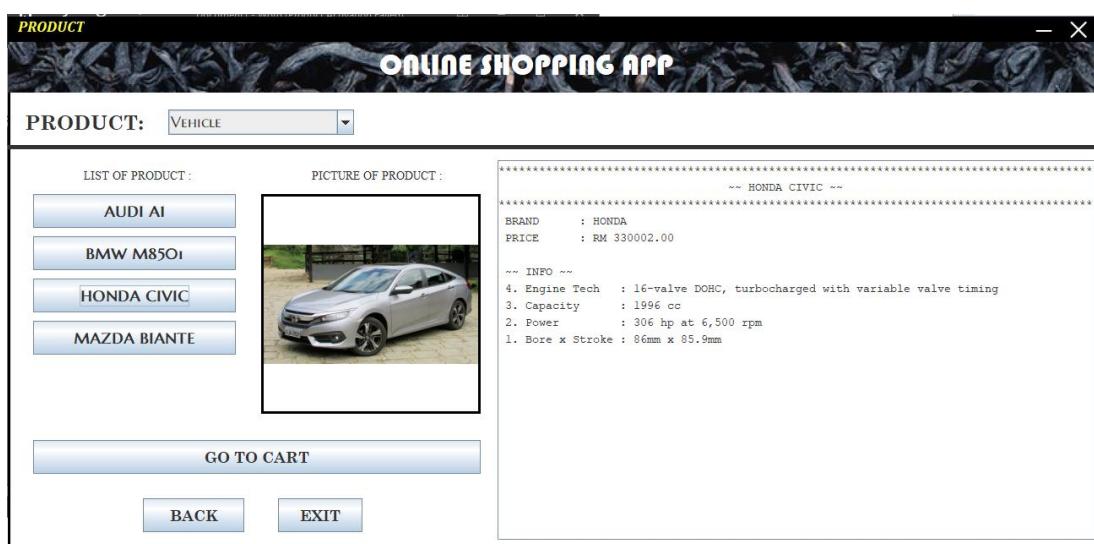
If consumers click the Audi A1 button, the picture of this product, and the detail such as brand, price and info of this product will show out like picture below.



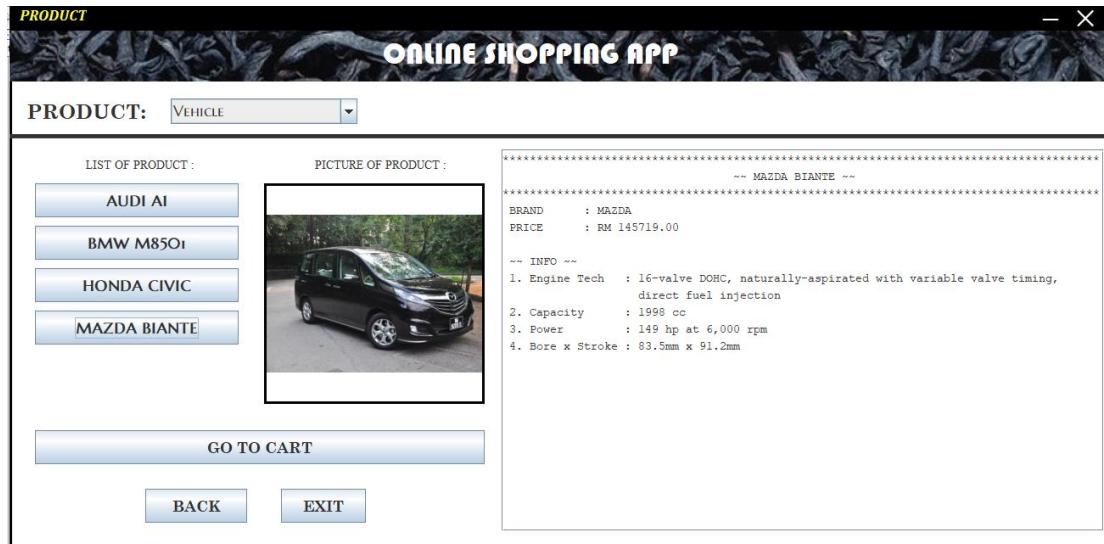
If consumers click the BMW M850i button, the picture of this product, and the detail such as brand, price and info of this product will show out like picture below.



If consumers click the Honda Civic button, the picture of this product, and the detail such as brand, price and info of this product will show out like picture below.

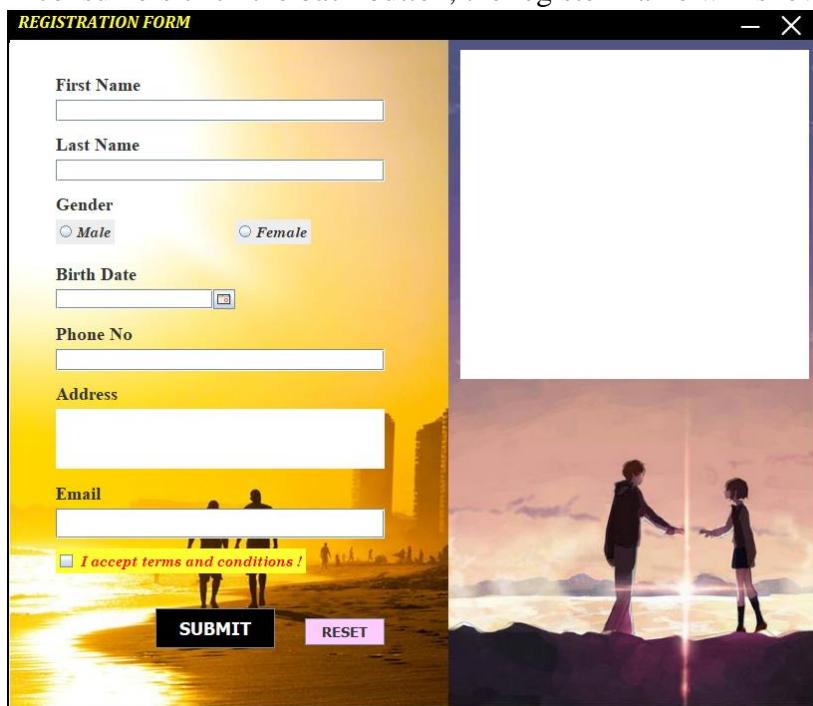


If consumers click the Mazda Biante button, the picture of this product, and the detail such as brand, price and info of this product will show out like picture below.

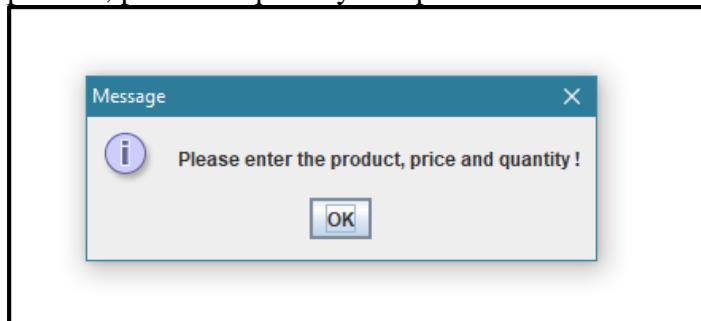


If consumers click the exit button, this frame will close.

If consumers click the back button, the register frame will show out like picture below.



If consumers click go to cart button, a dialog box will show out and ask consumers to enter the product, price and quantity like picture below.



After consumers click the OK button in the dialog box, a new frame (Cart frame) will show out like picture below.

FRAME 3 – CART FRAME

The screenshot shows a window titled "CART" with a header "My Shopping Cart". A category dropdown is set to "GYM EQUIPMENT". On the left, there's a form with fields for "Product" (set to "TREADMILL"), "Price" (empty), and "Quantity" (empty). Below these are buttons for "ADD", "DELETE", "EDIT", "CLEAR", "SEARCH", "TOTAL", and "EXIT". To the right is a table with columns "PRODUCT", "PRICE", and "QUANTITY", which is currently empty.

If consumers click the < icon, it will back to the frame before (Product frame) like picture below.

The screenshot shows a window titled "PRODUCT" with a header "ONLINE SHOPPING APP". A category dropdown is set to "GYM EQUIPMENT". On the left, there's a list of products: P1, P2, P3, P4, and P5. Next to it is a placeholder box labeled "PICTURE OF PRODUCT:". At the bottom are buttons for "GO TO CART", "BACK", and "EXIT".

In Cart frame, the category has five option which are gym equipment, rice cooker, refrigerator and vehicle like the picture below.

CART

My Shopping Cart

Category:	GYM EQUIPMENT
Product: <input type="button" value="TREADMILL"/> <input type="button" value="STATIONARY BIKE"/> <input type="button" value="INCLINE BENCH PRESS"/> <input type="button" value="DUMBBELL SET"/> <input type="button" value="BARBELL SET"/>	
Price	<input type="text"/>
Quantity	<input type="text"/>
<input type="button" value="ADD"/> <input type="button" value="DELETE"/> <input type="button" value="EDIT"/> <input type="button" value="CLEAR"/> <input type="button" value="SEARCH"/> <input type="button" value="TOTAL"/> <input type="button" value="EXIT"/>	

If consumers selected the gym equipment, the product of this category has 5 option which are treadmill, stationary bike, incline bench press, dumbbell set and barbell set like the picture below.

CART

My Shopping Cart

Category:	GYM EQUIPMENT
Product: <input type="button" value="TREADMILL"/> <input type="button" value="STATIONARY BIKE"/> <input type="button" value="INCLINE BENCH PRESS"/> <input type="button" value="DUMBBELL SET"/> <input type="button" value="BARBELL SET"/>	
Price	<input type="text"/>
Quantity	<input type="text"/>
<input type="button" value="ADD"/> <input type="button" value="DELETE"/> <input type="button" value="EDIT"/> <input type="button" value="CLEAR"/> <input type="button" value="SEARCH"/> <input type="button" value="TOTAL"/> <input type="button" value="EXIT"/>	

If consumers selected the rice cooker, the product of this category has 3 option which are classic electric, gas and micro-computerized like the picture below.

CART

My Shopping Cart

Category:	RICE COOKER						
Product	CLASSIC ELECTRIC						
Price	CLASSIC ELECTRIC GAS						
Quantity	MICRO-COMPUTERIZED						
<input type="button" value="ADD"/> <input type="button" value="DELETE"/> <input type="button" value="EDIT"/> <input type="button" value="CLEAR"/> <input type="button" value="SEARCH"/> <input type="button" value="TOTAL"/> <input type="button" value="EXIT"/>							
<table border="1"> <thead> <tr> <th>PRODUCT</th> <th>PRICE</th> <th>QUANTITY</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>		PRODUCT	PRICE	QUANTITY			
PRODUCT	PRICE	QUANTITY					

If consumers selected the refrigerator, the product of this category has 4 option which are french door, side by side, top mount and bottom mount like the picture below.

CART

My Shopping Cart

Category:	REFRIGERATOR						
Product	FRENCH DOOR						
Price	FRENCH DOOR SIDE BY SIDE						
Quantity	TOP MOUNT BOTTOM MOUNT						
<input type="button" value="ADD"/> <input type="button" value="DELETE"/> <input type="button" value="EDIT"/> <input type="button" value="CLEAR"/> <input type="button" value="SEARCH"/> <input type="button" value="TOTAL"/> <input type="button" value="EXIT"/>							
<table border="1"> <thead> <tr> <th>PRODUCT</th> <th>PRICE</th> <th>QUANTITY</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>		PRODUCT	PRICE	QUANTITY			
PRODUCT	PRICE	QUANTITY					

If consumers selected the vehicle, the product of this category has 4 option which are Audi A1, BMWM850i, Honda Civic and Mazda Biante like the picture below.

CART

My Shopping Cart

Category:	VEHICLE						
Product	AUDI A1						
Price	AUDI A1 BMW M850i HONDA CIVIC MAZDA BIANTE						
Quantity							
<input type="button" value="ADD"/> <input type="button" value="DELETE"/> <input type="button" value="EDIT"/> <input type="button" value="CLEAR"/> <input type="button" value="SEARCH"/> <input type="button" value="TOTAL"/> <input type="button" value="EXIT"/>							
<table border="1"> <thead> <tr> <th>PRODUCT</th> <th>PRICE</th> <th>QUANTITY</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>		PRODUCT	PRICE	QUANTITY			
PRODUCT	PRICE	QUANTITY					

If consumers selected gym equipment for category and selected treadmill for product, the price will automatically show out 2000 as the price of the product. Consumers need to fill in the quantity only like the picture below.

CART

My Shopping Cart

Category:	GYM EQUIPMENT						
Product	TREADMILL						
Price	2000						
Quantity							
<input type="button" value="ADD"/> <input type="button" value="DELETE"/> <input type="button" value="EDIT"/> <input type="button" value="CLEAR"/> <input type="button" value="SEARCH"/> <input type="button" value="TOTAL"/> <input type="button" value="EXIT"/>							
<table border="1"> <thead> <tr> <th>PRODUCT</th> <th>PRICE</th> <th>QUANTITY</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>		PRODUCT	PRICE	QUANTITY			
PRODUCT	PRICE	QUANTITY					

If consumers selected gym equipment for category and selected stationary bike for product, the price will automatically show out 800 as the price of the product. Consumers need to fill in the quantity only like the picture below.

CART

< **My Shopping Cart**

Category:	GYM EQUIPMENT		
Product	STATIONARY BIKE		
Price	800		
Quantity	<input type="text"/>		
ADD	DELETE	EDIT	CLEAR
SEARCH	TOTAL	EXIT	

If consumers selected gym equipment for category and selected incline bench bike for product, the price will automatically show out 400 as the price of the product. Consumers need to fill in the quantity only like the picture below.

CART

< **My Shopping Cart**

Category:	GYM EQUIPMENT		
Product	INCLINE BENCH PRESS		
Price	400		
Quantity	<input type="text"/>		
ADD	DELETE	EDIT	CLEAR
SEARCH	TOTAL	EXIT	

If consumers selected gym equipment for category and selected dumbbell set for product, the price will automatically show out 400 as the price of the product. Consumers need to fill in the quantity only like the picture below.

CART

My Shopping Cart

Category: GYM EQUIPMENT							
Product DUMBBELL SET Price 400 Quantity <input type="button" value="ADD"/> <input type="button" value="DELETE"/> <input type="button" value="EDIT"/> <input type="button" value="CLEAR"/> <input type="button" value="SEARCH"/> <input type="button" value="TOTAL"/> <input type="button" value="EXIT"/>	<table border="1"> <thead> <tr> <th>PRODUCT</th> <th>PRICE</th> <th>QUANTITY</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	PRODUCT	PRICE	QUANTITY			
PRODUCT	PRICE	QUANTITY					

If consumers selected gym equipment for category and selected barbell set for product, the price will automatically show out 600 as the price of the product. Consumers need to fill in the quantity only like the picture below.

CART

My Shopping Cart

Category: GYM EQUIPMENT							
Product BARBELL SET Price 600 Quantity <input type="button" value="ADD"/> <input type="button" value="DELETE"/> <input type="button" value="EDIT"/> <input type="button" value="CLEAR"/> <input type="button" value="SEARCH"/> <input type="button" value="TOTAL"/> <input type="button" value="EXIT"/>	<table border="1"> <thead> <tr> <th>PRODUCT</th> <th>PRICE</th> <th>QUANTITY</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	PRODUCT	PRICE	QUANTITY			
PRODUCT	PRICE	QUANTITY					

If consumers selected rice cooker for category and selected classic electric for product, the price will automatically show out 120 as the price of the product. Consumers need to fill in the quantity only like the picture below.

CART

My Shopping Cart

Category: RICE COOKER	
Product	CLASSIC ELECTRIC
Price	120
Quantity	<input type="text"/>
ADD	DELETE
SEARCH	TOTAL
EDIT	CLEAR
EXIT	

If consumers selected rice cooker for category and selected gas for product, the price will automatically show out 480 as the price of the product. Consumers need to fill in the quantity only like the picture below.

CART

My Shopping Cart

Category: RICE COOKER	
Product	GAS
Price	480
Quantity	<input type="text"/>
ADD	DELETE
SEARCH	TOTAL
EDIT	CLEAR
EXIT	

If consumers selected rice cooker for category and selected micro-computerized for product, the price will automatically show out 400 as the price of the product. Consumers need to fill in the quantity only like the picture below.

CART

My Shopping Cart

Category: RICE COOKER	
Product	MICRO-COMPUTERIZED
Price	400
Quantity	<input type="text"/>
ADD	DELETE
SEARCH	TOTAL
EDIT	CLEAR
EXIT	

If consumers selected refrigerator for category and selected french door for product, the price will automatically show out 4399 as the price of the product. Consumers need to fill in the quantity only like the picture below.

CART

My Shopping Cart

Category: REFRIGERATOR	
Product	FRENCH DOOR
Price	4399
Quantity	<input type="text"/>
ADD	DELETE
SEARCH	TOTAL
EDIT	CLEAR
EXIT	

If consumers selected refrigerator for category and selected side by side for product, the price will automatically show out 2759 as the price of the product. Consumers need to fill in the quantity only like the picture below.

CART

My Shopping Cart

Category: REFRIGERATOR	
Product	SIDE BY SIDE
Price	2759
Quantity	<input type="text"/>
ADD	DELETE
SEARCH	TOTAL
EDIT	CLEAR
EXIT	

If consumers selected refrigerator for category and selected top mount for product, the price will automatically show out 999 as the price of the product. Consumers need to fill in the quantity only like the picture below.

CART

My Shopping Cart

Category: REFRIGERATOR	
Product	TOP MOUNT
Price	999
Quantity	<input type="text"/>
ADD	DELETE
SEARCH	TOTAL
EDIT	CLEAR
EXIT	

If consumers selected refrigerator for category and selected bottom mount for product, the price will automatically show out 1699 as the price of the product. Consumers need to fill in the quantity only like the picture below.

CART

My Shopping Cart

Category: REFRIGERATOR							
Product: BOTTOM MOUNT Price: 1699 Quantity: <input type="text"/> ADD DELETE EDIT CLEAR SEARCH TOTAL EXIT	<table border="1"> <thead> <tr> <th>PRODUCT</th> <th>PRICE</th> <th>QUANTITY</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	PRODUCT	PRICE	QUANTITY			
PRODUCT	PRICE	QUANTITY					

If consumers selected vehicle for category and selected Audi A1 for product, the price will automatically show out 179900 as the price of the product. Consumers need to fill in the quantity only like the picture below.

CART

My Shopping Cart

Category: VEHICLE							
Product: AUDI A1 Price: 179900 Quantity: <input type="text"/> ADD DELETE EDIT CLEAR SEARCH TOTAL EXIT	<table border="1"> <thead> <tr> <th>PRODUCT</th> <th>PRICE</th> <th>QUANTITY</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	PRODUCT	PRICE	QUANTITY			
PRODUCT	PRICE	QUANTITY					

If consumers selected vehicle for category and selected BMW M850i for product, the price will automatically show out 1088800 as the price of the product. Consumers need to fill in the quantity only like the picture below.

CART

My Shopping Cart

Category:	VEHICLE		
Product	BMW M850i		
Price	1088800		
Quantity	<input type="text"/>		
ADD	DELETE	EDIT	CLEAR
SEARCH	TOTAL	EXIT	

If consumers selected vehicle for category and selected Honda Civic for product, the price will automatically show out 330002 as the price of the product. Consumers need to fill in the quantity only like the picture below.

CART

My Shopping Cart

Category:	VEHICLE		
Product	HONDA CIVIC		
Price	330002		
Quantity	<input type="text"/>		
ADD	DELETE	EDIT	CLEAR
SEARCH	TOTAL	EXIT	

If consumers selected vehicle for category and selected Mazda Biante for product, the price will automatically show out 145719 as the price of the product. Consumers need to fill in the quantity only like the picture below.

CART

My Shopping Cart

Category: VEHICLE
Product : MAZDA BIANTE
Price : 145719
Quantity :
ADD DELETE EDIT CLEAR
SEARCH TOTAL EXIT

PRODUCT	PRICE	QUANTITY

ADD BUTTON

If consumers want to use the add button, consumers need to select the category first, for example gym equipment and then select the product, for example treadmill, the price of the product will automatically show out which is 2000. After consumers fill in the quantity, consumers can click the add button like the picture below.

CART

My Shopping Cart

Category: GYM EQUIPMENT
Product : TREADMILL
Price : 2000
Quantity : 2
ADD DELETE EDIT CLEAR
SEARCH TOTAL EXIT

PRODUCT	PRICE	QUANTITY

After consumers click the add button, the data will be added at the table on the right side of the frame like the picture below.

CART

My Shopping Cart

Category:	GYM EQUIPMENT		
Product	TREADMILL		
Price	<input type="text"/>		
Quantity	<input type="text"/>		
ADD	DELETE	EDIT	CLEAR
SEARCH	TOTAL	EXIT	

If consumers want to use the add button, consumers need to select the category first, for example rice cooker and then select the product, for example gas, the price of the product will automatically show out which is 450. After consumers fill in the quantity, consumers can click the add button like the picture below.

CART

My Shopping Cart

Category:	RICE COOKER		
Product	GAS		
Price	480		
Quantity	<input type="text"/> 1		
ADD	DELETE	EDIT	CLEAR
SEARCH	TOTAL	EXIT	

After consumers click the add button, the data will be added at the table on the right side of the frame like the picture below.

CART

My Shopping Cart

Category:	RICE COOKER		
Product	CLASSIC ELECTRIC		
Price	<input type="text"/>		
Quantity	<input type="text"/>		
ADD	DELETE	EDIT	CLEAR
SEARCH	TOTAL	EXIT	

If consumers want to use the add button, consumers need to select the category first, for example refrigerator and then select the product, for example side by side, the price of the product will automatically show out which is 3759. After consumers fill in the quantity, consumers can click the add button like the picture below.

CART

My Shopping Cart

Category:	REFRIGERATOR		
Product	SIDE BY SIDE		
Price	2759		
Quantity	3		
ADD	DELETE	EDIT	CLEAR
SEARCH	TOTAL	EXIT	

After consumers click the add button, the data will be added at the table on the right side of the frame like the picture below.

CART

My Shopping Cart

Category:	REFRIGERATOR		
Product	FRENCH DOOR		
Price	<input type="text"/>		
Quantity	<input type="text"/>		
ADD	DELETE	EDIT	CLEAR
SEARCH	TOTAL	EXIT	

If consumers want to use the add button, consumers need to select the category first, for example vehicle and then select the product, for example Audi A1, the price of the product will automatically show out which is 179900. After consumers fill in the quantity, consumers can click the add button like the picture below.

CART

My Shopping Cart

Category:	VEHICLE		
Product	AUDI A1		
Price	179900		
Quantity	<input type="text"/> 1		
ADD	DELETE	EDIT	CLEAR
SEARCH	TOTAL	EXIT	

After consumers click the add button, the data will be added at the table on the right side of the frame like the picture below.

CART

My Shopping Cart

Category:	VEHICLE		
Product	AUDI AI		
Price			
Quantity			
ADD	DELETE	EDIT	CLEAR
SEARCH	TOTAL	EXIT	

PRODUCT	PRICE	QUANTITY
TREADMILL	2000	2
GAS	480	1
SIDE BY SIDE	2759	3
AUDI AI	179900	1

SEARCH BUTTON

If consumers click the search button, a dialog box will show out and ask consumers to search the product like the picture below.

CART

My Shopping Cart

Category:	VEHICLE		
Product	AUDI AI		
Price			
Quantity			
ADD	DELETE	EDIT	CLEAR
SEARCH	TOTAL	EXIT	

Input

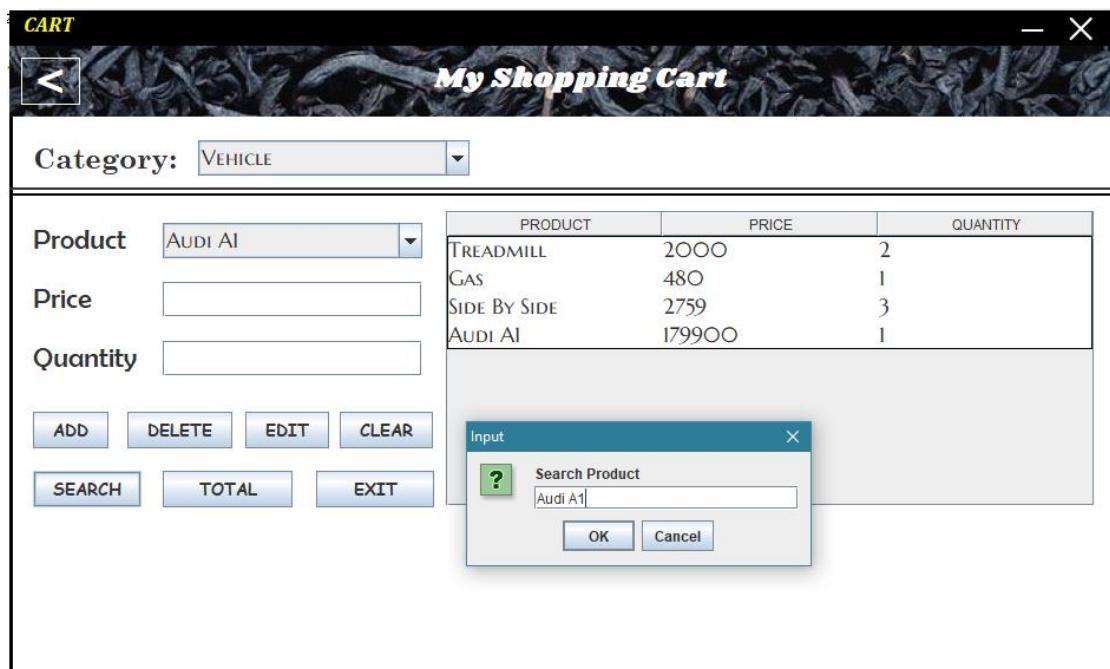
Search Product

OK Cancel

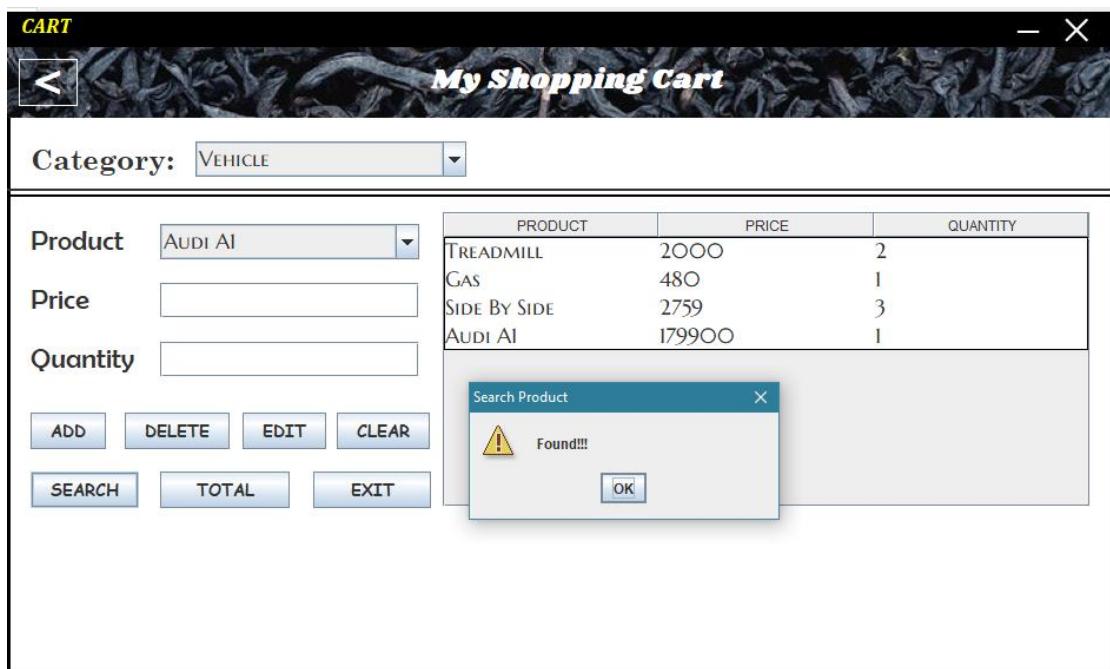
PRODUCT	PRICE	QUANTITY
TREADMILL	2000	2
		1
		3
		1

If consumers click the cancel button, nothing will happen.

If consumers type the product and click OK button, it will start to search the product like picture below.



After consumers type a product that in the table and click the OK button, a dialog box will show out and show that the search product found like the picture below.



When the consumers click the OK button in this dialog box, the product, price and quantity of the search product will show out like the picture below.

CART

My Shopping Cart

Category:	VEHICLE		
Product	AUDI AI		
Price	179900		
Quantity	1		
ADD	DELETE	EDIT	CLEAR
SEARCH	TOTAL	EXIT	

PRODUCT	PRICE	QUANTITY
TREADMILL	2000	2
GAS	480	1
SIDE BY SIDE	2759	3
AUDI AI	179900	1

If consumers type a product that not in the table like the picture below.

CART

My Shopping Cart

Category:	VEHICLE		
Product	AUDI AI		
Price	179900		
Quantity	1		
ADD	DELETE	EDIT	CLEAR
SEARCH	TOTAL	EXIT	

Input

?

Search Product

Proton

OK Cancel

PRODUCT	PRICE	QUANTITY
TREADMILL	2000	2
		1
		3
		1

When consumers click the OK button, a dialog box will show out and show that the search product not found like the picture below.

CART

My Shopping Cart

Category:	VEHICLE		
Product	AUDI AI		
Price	179900		
Quantity	1		
ADD	DELETE	EDIT	CLEAR
SEARCH	TOTAL	EXIT	

PRODUCT	PRICE	QUANTITY
TREADMILL	2000	2
GAS	480	1
SIDE BY SIDE	2759	3
AUDI AI	179900	1

Search Product X

⚠ Not Found!!!
 OK

When no data in the table, if consumers click the search button, a dialog box will show out and show that invalid search and table is empty like the picture below.

CART

My Shopping Cart

Category:	GYM EQUIPMENT		
Product	TREADMILL		
Price			
Quantity			
ADD	DELETE	EDIT	CLEAR
SEARCH	TOTAL	EXIT	

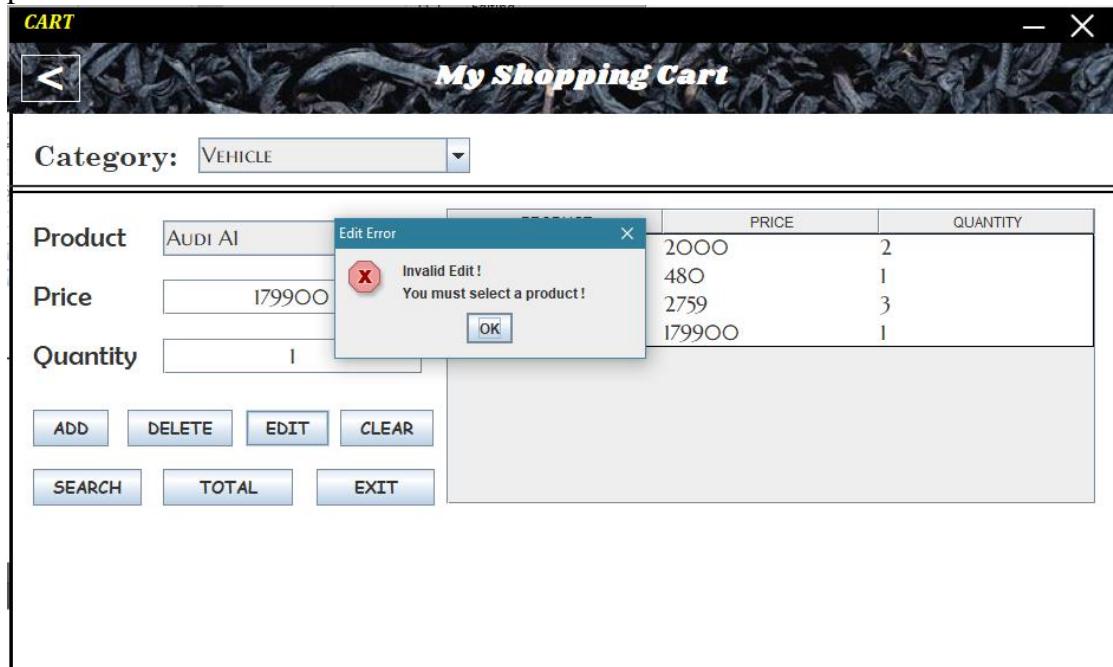
Search Err! X

✖ Invalid Search!

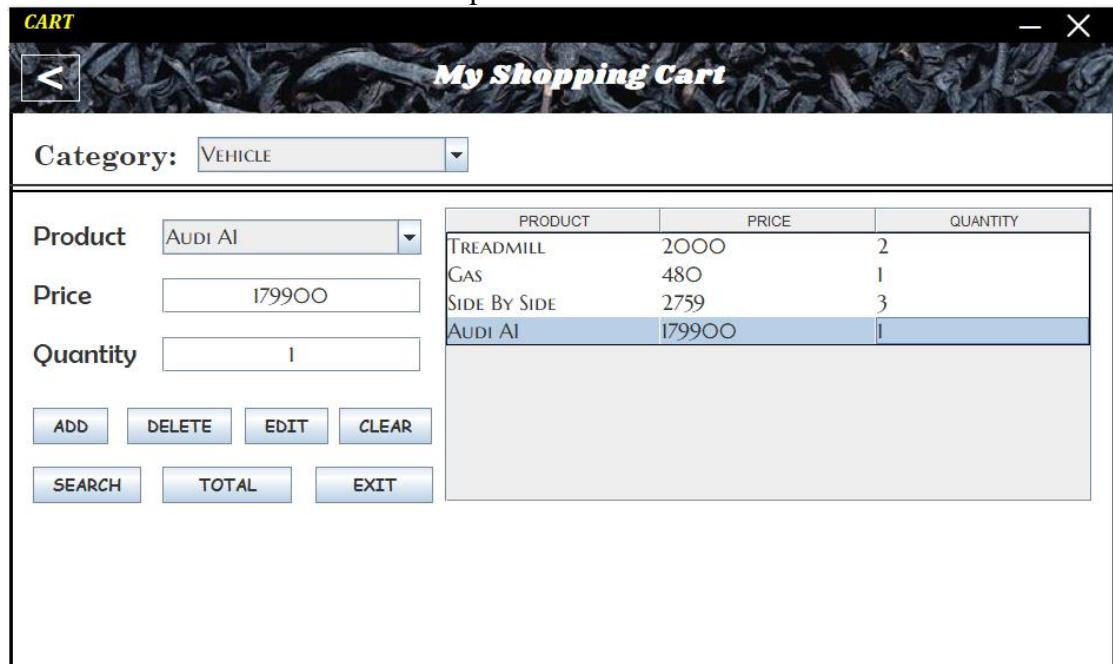
 Table is empty!
 OK

EDIT BUTTON

If consumers want to use edit button but consumers did not select any row in the table, a dialog box will show out and show that invalid edit and ask consumers to select a product like the picture below.



If consumers selected a row in the table, the product, price and quantity will show out base to the data of the selected row like the picture below.



Consumers can change the product and quantity like picture below.

CART

My Shopping Cart

Category:	VEHICLE		
Product	BMW M850i		
Price	1088800		
Quantity	3		
ADD	DELETE	EDIT	CLEAR
SEARCH	TOTAL	EXIT	

And then click the edit button. The data of the selected row in the table will change like the picture below.

CART

My Shopping Cart

Category:	VEHICLE		
Product	BMW M850i		
Price	1088800		
Quantity	3		
ADD	DELETE	EDIT	CLEAR
SEARCH	TOTAL	EXIT	

When no data in the table, if consumers click the edit button, a dialog box will show out and show that invalid edit and table is empty like the picture below.

CART

My Shopping Cart

Category: VEHICLE													
Product: MAZDA BIANTE Price: <input type="text"/> Quantity: <input type="text"/> <div style="margin-top: 10px;"> <input type="button" value="ADD"/> <input type="button" value="DELETE"/> <input type="button" value="EDIT"/> <input type="button" value="CLEAR"/> <input type="button" value="SEARCH"/> <input type="button" value="TOTAL"/> <input type="button" value="EXIT"/> </div>													
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>PRODUCT</th> <th>PRICE</th> <th>QUANTITY</th> </tr> </thead> <tbody> <tr> <td colspan="3">Edit Error</td> </tr> <tr> <td colspan="3">X Invalid Edit ! Table is empty !</td> </tr> <tr> <td colspan="3"><input type="button" value="OK"/></td> </tr> </tbody> </table>		PRODUCT	PRICE	QUANTITY	Edit Error			X Invalid Edit ! Table is empty !			<input type="button" value="OK"/>		
PRODUCT	PRICE	QUANTITY											
Edit Error													
X Invalid Edit ! Table is empty !													
<input type="button" value="OK"/>													

CLEAR BUTTON

When consumers click the clear button, the data will be clear and the price and quantity in the text field will be clear too like the picture below.

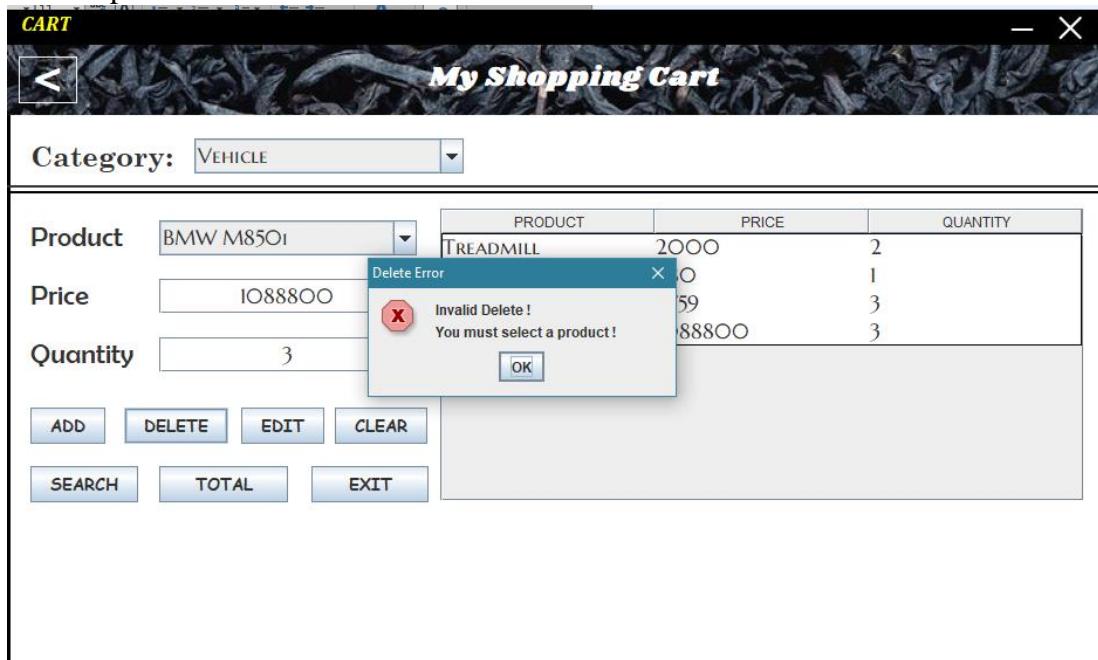
CART

My Shopping Cart

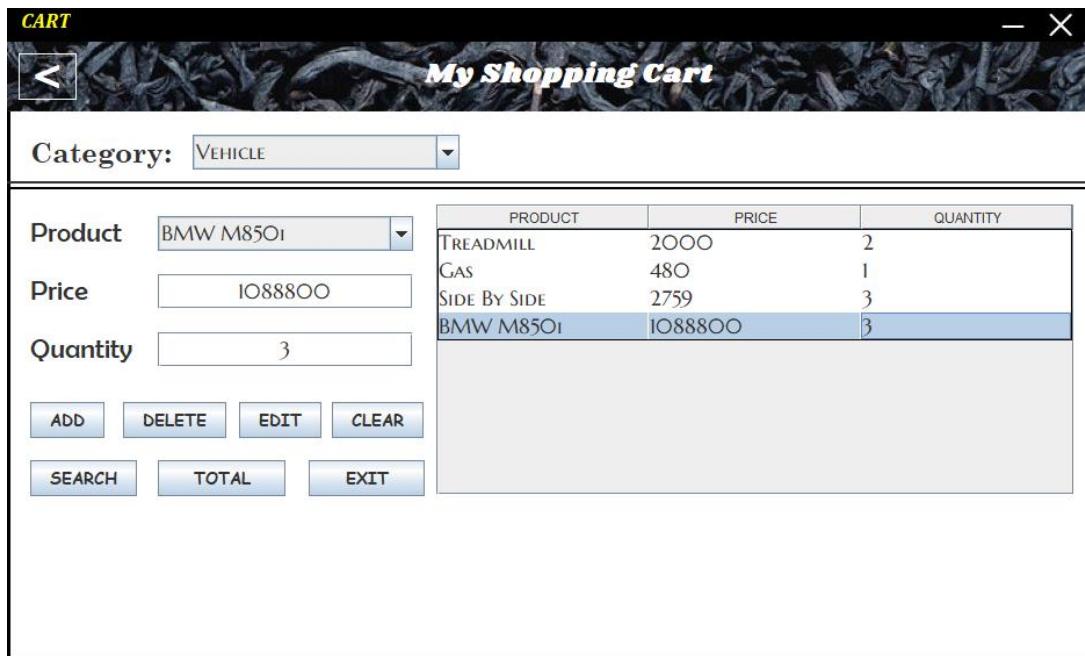
Category: VEHICLE							
Product: MAZDA BIANTE Price: <input type="text"/> Quantity: <input type="text"/> <div style="margin-top: 10px;"> <input type="button" value="ADD"/> <input type="button" value="DELETE"/> <input type="button" value="EDIT"/> <input type="button" value="CLEAR"/> <input type="button" value="SEARCH"/> <input type="button" value="TOTAL"/> <input type="button" value="EXIT"/> </div>							
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>PRODUCT</th> <th>PRICE</th> <th>QUANTITY</th> </tr> </thead> <tbody> <tr> <td colspan="3"></td> </tr> </tbody> </table>		PRODUCT	PRICE	QUANTITY			
PRODUCT	PRICE	QUANTITY					

DELETE BUTTON

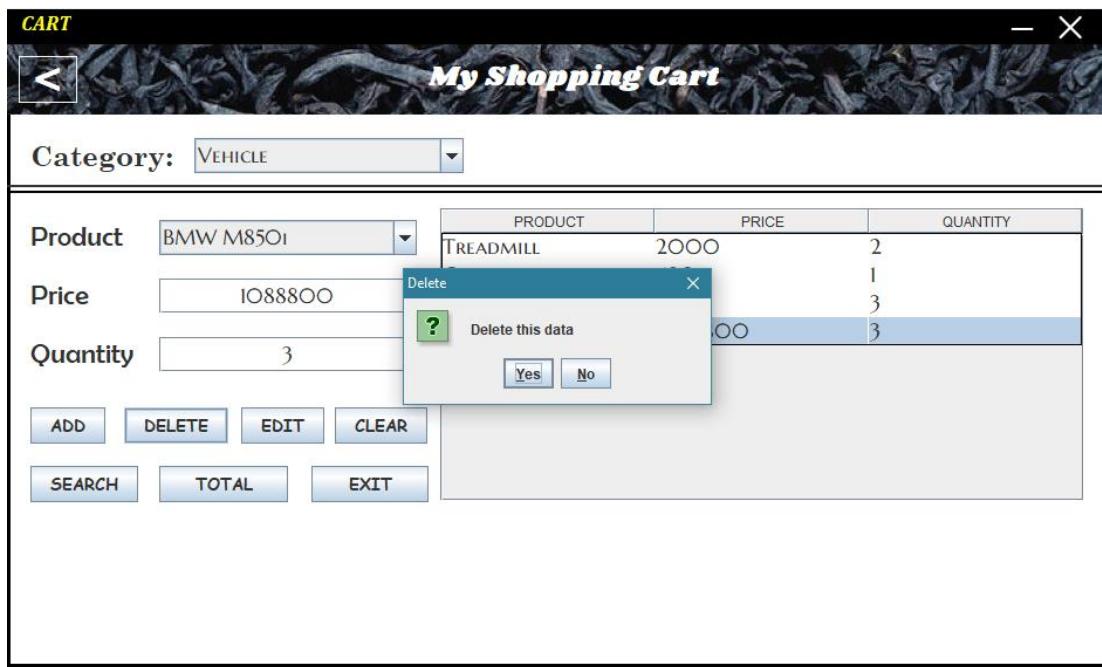
If consumers want to use delete button but consumers did not select any row in the table, a dialog box will show out and show that invalid delete and ask consumers to select a product like the picture below.



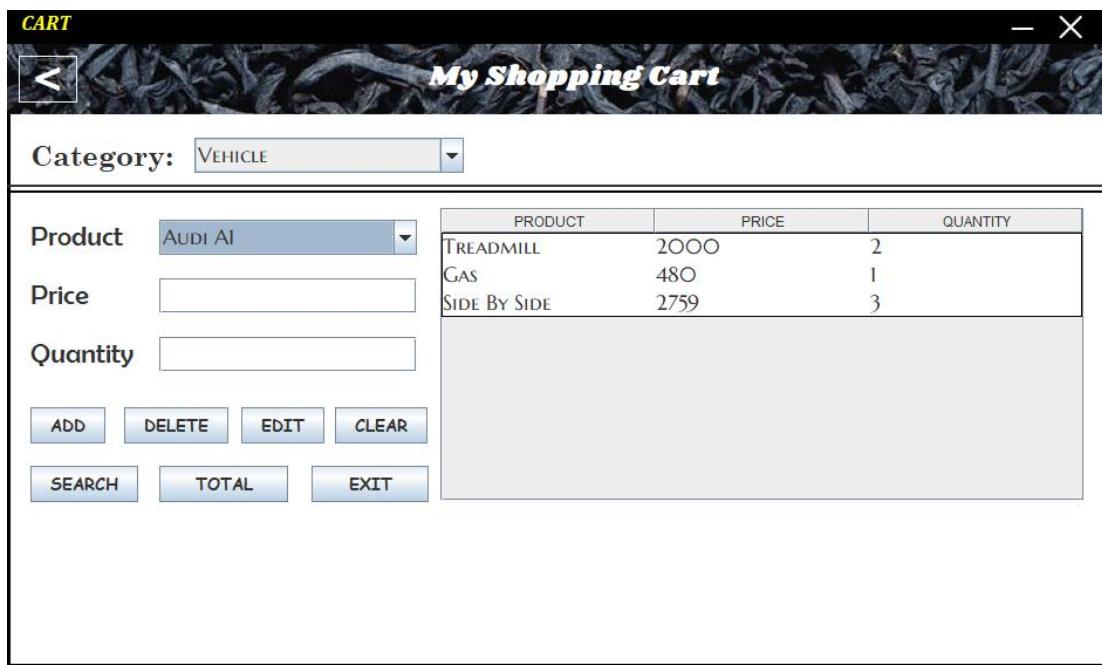
If consumers selected a row in the table, the product, price and quantity will show out base to the data of the selected row like the picture below.



When consumers click the delete button, a dialog box will show out like the picture below.



If consumers click the OK button in the dialog box, the data of the selected row will be deleted like the picture below.



If consumers click the No button in the dialog box, nothing will happen like the picture below.

CART

My Shopping Cart

Category:	VEHICLE		
Product	BMW M850i		
Price	1088800		
Quantity	3		
ADD	DELETE	EDIT	CLEAR
SEARCH	TOTAL	EXIT	

PRODUCT	PRICE	QUANTITY
TREADMILL	2000	2
GAS	480	1
SIDE BY SIDE	2759	3
BMW M850i	1088800	3

When no data in the table, if consumers click the delete button, a dialog box will show out and show that invalid delete and table is empty like the picture below.

CART

My Shopping Cart

Category:	VEHICLE		
Product	MAZDA BIANTE		
Price			
Quantity			
ADD	DELETE	EDIT	CLEAR
SEARCH	TOTAL	EXIT	

Delete Error

Invalid Delete !
Table is empty !

OK

EXIT BUTTON

When consumers click the exit button, the frame will close.

TOTAL BUTTON

If consumers click the total button, the total price and the buy button will appear like the picture below.

CART - X

My Shopping Cart

Category:	VEHICLE	<
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Product	AUDI A1	SEARCH
Price	<input type="text"/>	DELETE
Quantity	<input type="text"/>	EDIT
		CLEAR
		TOTAL
		EXIT

PRODUCT	PRICE	QUANTITY
TREADMILL	2000	2
GAS	480	1
SIDE BY SIDE	2759	3
BMW M850i	1088800	3

Total : 3279157 **BUY**

If consumers have some product that did not add, delete, edit, search and clear, consumers can do it.

For example, consumers want to add dumbbell set, consumers can select the gym equipment in the category, and then select dumbbell set in the product. The price will appear automatically. Consumers need to enter the quantity only and the click the add button.

CART - X

My Shopping Cart

Category:	GYM EQUIPMENT	<
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Product	DUMBBELL SET	SEARCH
Price	<input type="text" value="400"/>	DELETE
Quantity	<input type="text" value="3"/>	EDIT
		CLEAR
		TOTAL
		EXIT

PRODUCT	PRICE	QUANTITY
TREADMILL	2000	2
GAS	480	1
SIDE BY SIDE	2759	3
BMW M850i	1088800	3

Total : 3279157 **BUY**

After click the add button, the data will be added in the table and the total price and buy button will disappear like the picture below.

CART

My Shopping Cart

Category:	GYM EQUIPMENT		
Product	TREADMILL		
Price	<input type="text"/>		
Quantity	<input type="text"/>		
ADD	DELETE	EDIT	CLEAR
SEARCH	TOTAL	EXIT	

PRODUCT	PRICE	QUANTITY
TREADMILL	2000	2
GAS	480	1
SIDE BY SIDE	2759	3
BMW M850i	1088800	3
DUMBBELL SET	400	3

If consumers want to know the total price, consumers can click the total button, the total price and buy button will appear.

CART

My Shopping Cart

Category:	GYM EQUIPMENT		
Product	TREADMILL		
Price	<input type="text"/>		
Quantity	<input type="text"/>		
ADD	DELETE	EDIT	CLEAR
SEARCH	TOTAL	EXIT	

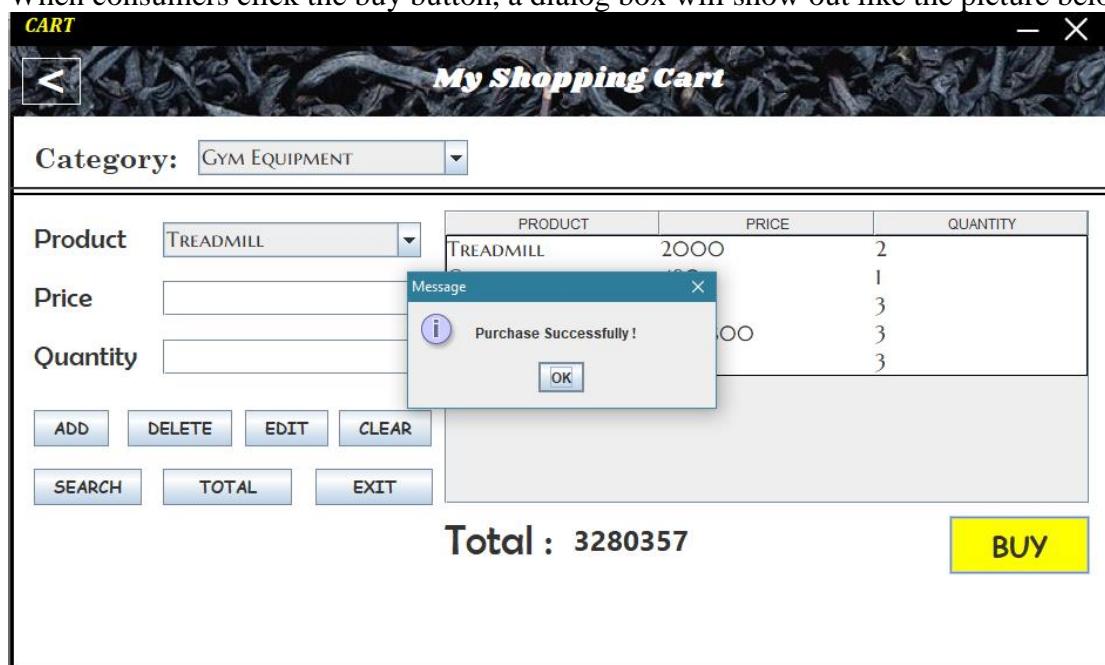
PRODUCT	PRICE	QUANTITY
TREADMILL	2000	2
GAS	480	1
SIDE BY SIDE	2759	3
BMW M850i	1088800	3
DUMBBELL SET	400	3

Total : 3280357

BUY

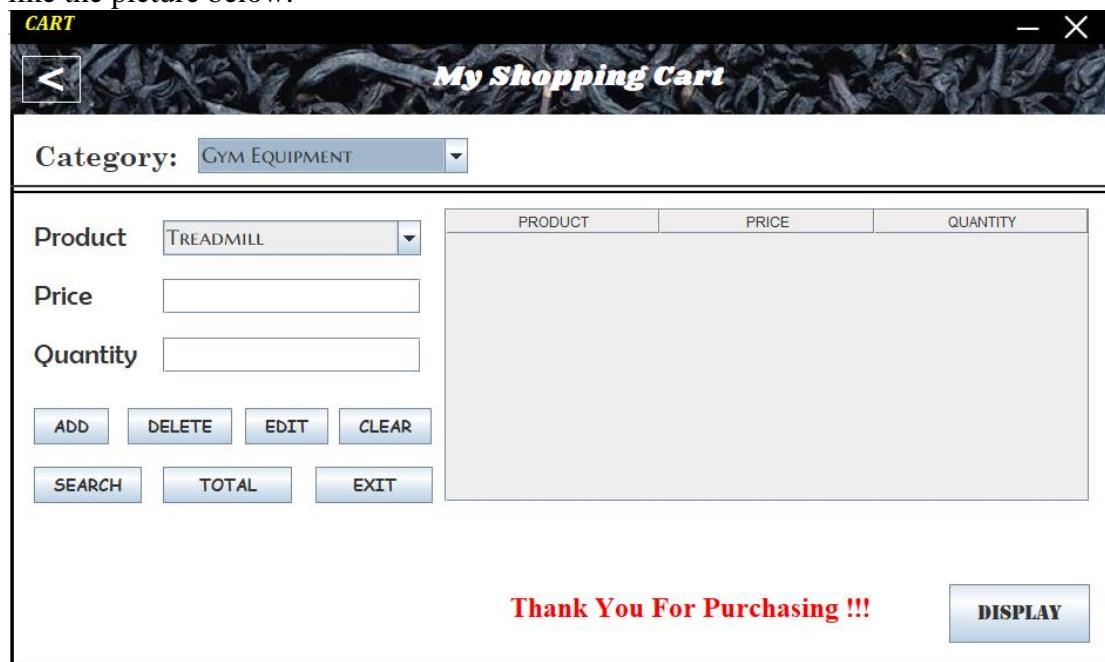
BUY BUTTON

When consumers click the buy button, a dialog box will show out like the picture below.



Click OK button to proceed.

After click the OK button, “*Thank You For Purchasing !!!*” and a display button will appear like the picture below.



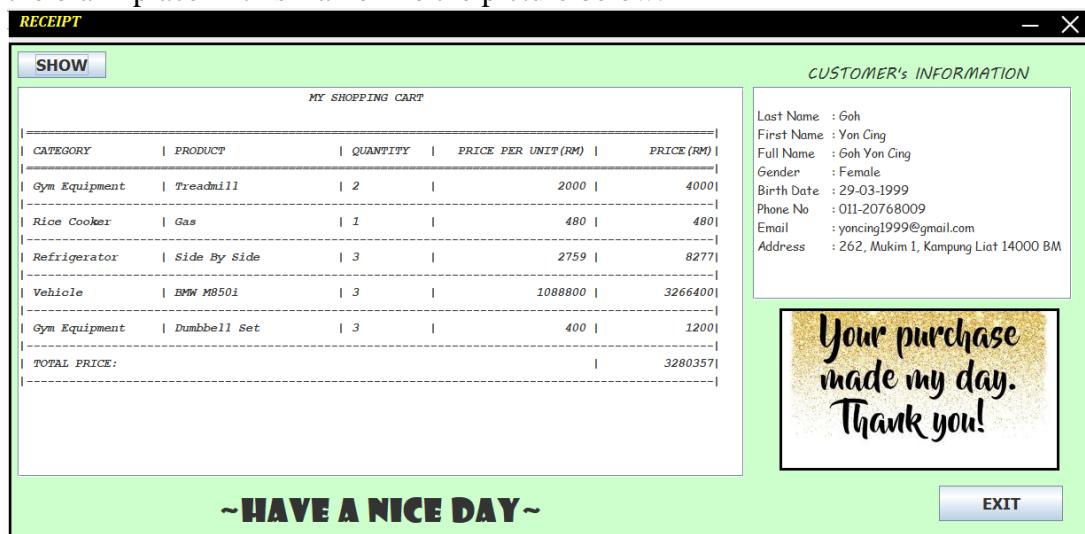
DISPLAY BUTTON

FRAME 4 – RECEIPT FRAME

When consumers click the display button, receipt frame will show out. This frame has a show button and exit button like the picture below.



When consumers click the show button, receipt and customer's information will show out at the blank place in this frame like the picture below.



In this frame, consumers can know what they buy and their personal information. The sellers will ship the goods to the address in the customer's information.

When consumers click the exit button, the frame will close.