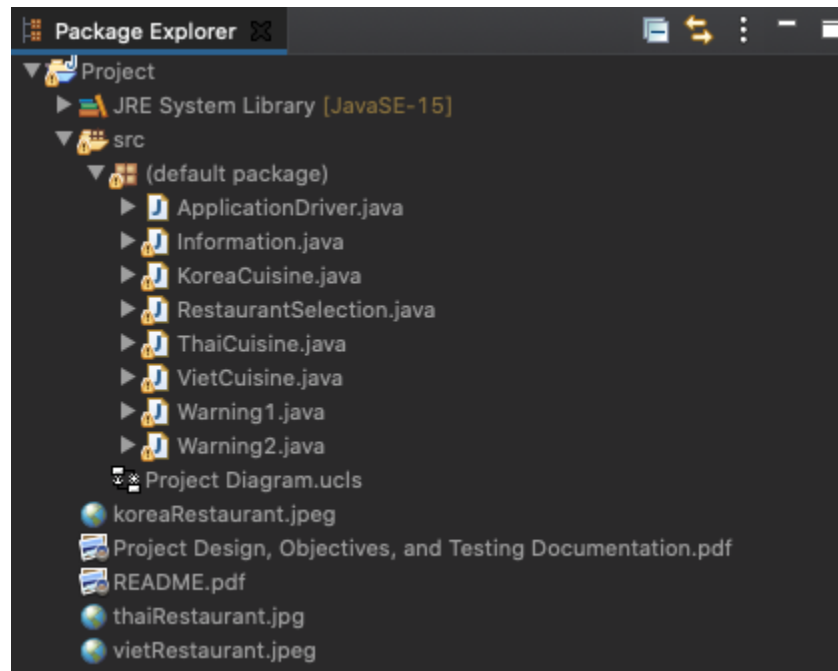


- **Getting Started**

- Download the project's zip file to your machine.
- Extract the zip file and open it with Eclipse (If you haven't got Eclipse on your computer, you can install it here <https://www.eclipse.org/downloads/>).
- The project should be ready to be compiled and run by you. If for some reasons the project does not go through successfully, it might have been the case that the files location are incorrect. Please put all **.java files** and the **Project Diagram.ucls** file into the source folder and all other files outside as the image below shows.



- **Usage**

- Open the **ApplicationDriver.java** file and click the **Run** button on Eclipse. A small window should pop up as below. This is the restaurant selection's window which user can choose a restaurant they want to visit and order foods/ drinks from.

WELCOME TO THE HEAVEN OF FOODS

WELCOME TO BB'S RESTAURANT CHAINS!

Please select your favorite restaurant to either dine in or takeout

Vietnamese Korean Thai

- For demonstration purpose here, I will select Vietnamese restaurant to visit and order from as Vietnamese foods are my favorite. After selecting “Vietnamese”, the restaurant selection’s window will disappear and the “Majestic Vietnamese Restaurant” window will appear as below.

Majestic Vietnamese Restaurant

BACK

All Prices Are In USD For Your Information

Customer Name

Contact Number

Reset Calculate Print Receipt

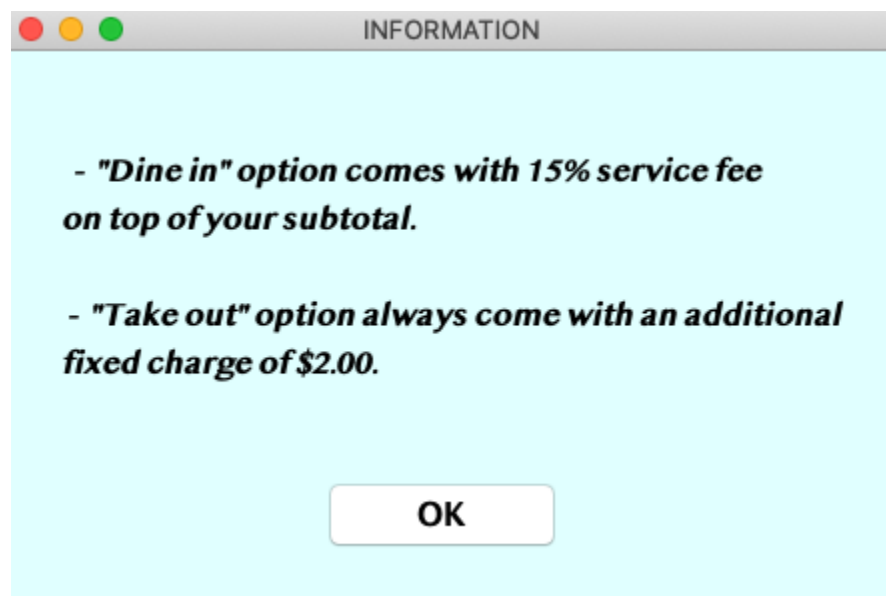
Welcome to Majestic Vietnamese Restaurant!
What are on your mind today?
(Please remember to enter the quantity to the box next to the item you selected)

Category	Item	Price	Quantity
Appetizer	<input type="checkbox"/> Summer Rolls	(6.99)	<input type="text" value="0"/>
	<input type="checkbox"/> Beef Jerky Salad	(5.99)	<input type="text" value="0"/>
	<input type="checkbox"/> Roasted Peanut	(2.99)	<input type="text" value="0"/>
Entree	<input type="checkbox"/> Bun Cha	(11.99)	<input type="text" value="0"/>
	<input type="checkbox"/> Grilled Pork Rice	(8.99)	<input type="text" value="0"/>
	<input type="checkbox"/> Beef Pho	(9.99)	<input type="text" value="0"/>
	<input type="checkbox"/> Chicken Noodle Soup	(8.00)	<input type="text" value="0"/>
Dessert	<input type="checkbox"/> 3 Color Dessert	(5.99)	<input type="text" value="0"/>
	<input type="checkbox"/> Sliced Fruit	(7.95)	<input type="text" value="0"/>
Wine	<input type="checkbox"/> Plum Wine	(14.00)	<input type="text" value="0"/>
	<input type="checkbox"/> Rice Spirit	(20.00)	<input type="text" value="0"/>
	<input type="checkbox"/> Vang Da Lat	(40.00)	<input type="text" value="0"/>
Soft Drinks	<input type="checkbox"/> Bubble Tea	(5.99)	<input type="text" value="0"/>
	<input type="checkbox"/> Water	(1.99)	<input type="text" value="0"/>

SERVICE OPTIONS ☐ Dine in ☐ Take out

Subtotal
Tax (6.25%)
Service Fee
Total

- Customer can always go back to the restaurant selection's window if they change their mind by clicking the big **BACK** button on the top left corner of the restaurant's window.
- Here, in the "Majestic Vietnamese Restaurant" window (as well as other restaurants' window), customer will see the **Customer Name** and **Contact Number** fields. That's where they will enter basic information for their order like what people do in real life. I have also designed and coded the **Contact Number** field so that customer **cannot enter anything beside number character in**, thus making sense for the purpose of that field. For the **Customer Name** field, there is no limit on people's name so I didn't touch it.
- Next, customer will go and select their desired foods and drinks. I have designed and coded the app so that **only when customer selects (check the box of) a food or drink that they can enter the quantity they want for that item and only number character can be entered as it's in quantity unit**. If they uncheck it, the quantity box resumes 0 as default.
- After customer has selected all the foods and drinks that they want, they will have to select an option for their service. There are two service options: **Dine in** and **Take out**. Customer can have a better understanding about the difference between those two if they click on **the question mark box** next to the Service Fee line in the billing section on the bottom right of the app. An **INFORMATION window** will pop up showing all the details about Service Options for customer's reference. Customer can click on the **OK button** on the window to turn it off.



- If after a while customers realized that they are not happy with their current order (and it would take them quite some times to adjust the order) or they want to do a new order after finishing one, they can click on the **Reset** button and the application will reset everything just like when we select a restaurant in the beginning.
- When customer has finished “customizing” their order, they can click on the **Calculate** button to see their final order and what is the total billing for it. An example has been provided below for your reference.

Majestic Vietnamese Restaurant

BACK

All Prices Are In USD For Your Information

Customer Name

Brian Chelsea

Reset

Calculate

Print Receipt

Contact Number

8897091097

Appetizer

☒ Summer Rolls (6.99) 2
☐ Beef Jerky Salad (5.99) 0
☐ Roasted Peanut (2.99) 0

Entree

☐ Bun Cha (11.99) 0
☒ Grilled Pork Rice (8.99) 1
☐ Beef Pho (9.99) 0
☐ Chicken Noodle Soup (8.00) 0

Dessert

☐ 3 Color Dessert (5.99) 0
☐ Sliced Fruit (7.95) 0

Wine

☐ Plum Wine (14.00) 0
☐ Rice Spirit (20.00) 0
☐ Vang Da Lat (40.00) 0

Soft Drinks

☒ Bubble Tea (5.99) 2
☐ Water (1.99) 0

SERVICE OPTIONS

☐ Dine in
☒ Take out

Welcome to Majestic Vietnamese Restaurant!
What are on your mind today?
(Please remember to enter the quantity to the box next to the item you selected)

Customer Name: Brian Chelsea
Contact Number: 8897091097

Your order includes:

- Summer Rolls (6.99) x 2
- Grilled Pork Rice (8.99) x 1
- Bubble Tea (5.99) x 2

Subtotal

\$34.95

Tax (6.25%)

\$2.18

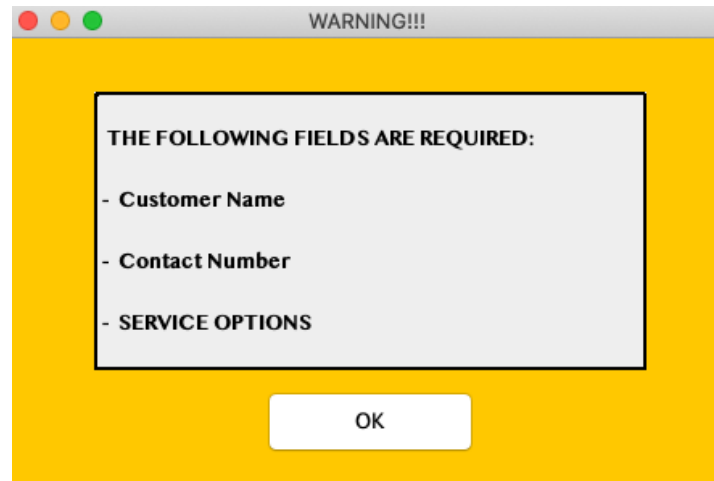
Service Fee ?

\$2.00

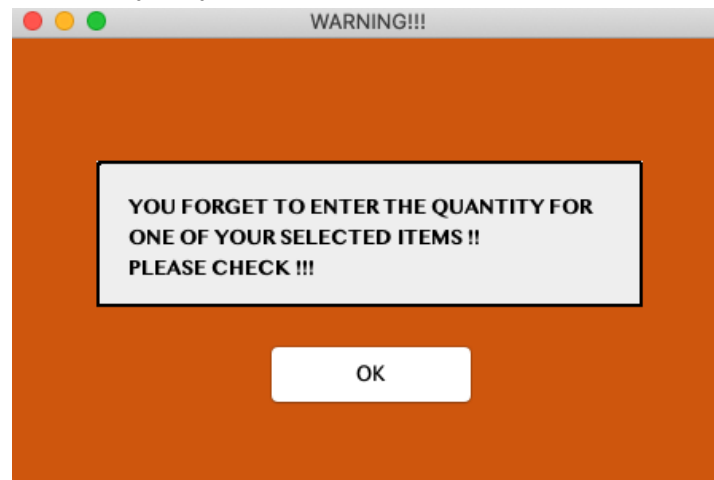
Total

\$39.13

- Information about the two warning windows that will pop up in some cases:
- + **The first warning** will pop up when the customer forgets (or sometime does it on purpose for some reasons) to enter information in either **Customer Name** or **Contact Number** fields or doesn't select an option in the **SERVICE OPTIONS** section.



- + **The second warning** will pop up when the customer selects an item from the menu but doesn't put in the quantity they want for that item.



- + Customer can click on the **OK button** on the warning window to turn it off.
- Please feel free to discover the other two restaurants Thai and Korean and let me know any new restaurant ideas to add or if you guys want to have more functionalities in the application. All ideas and contributions are greatly appreciated.