

ECSE223: Iteration 6

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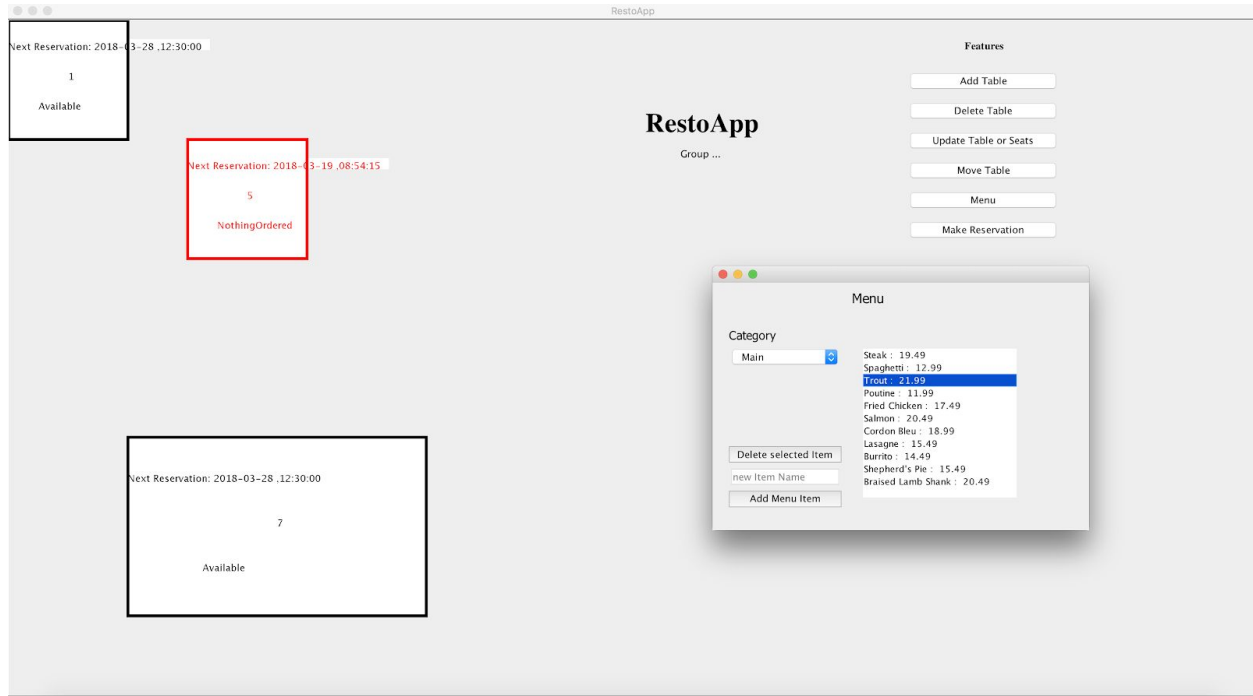
a) Description of the new feature

The new feature added to our application gives a customer the option to rate a menu item. When a bill is issued, a customer will be able to rate any (or none) of the items he ordered (out of 5 stars). The application will also have an option to display the Menu Items ranked by their rating. We therefore added a rating class to our model, it has a many to 0..1 association to the OrderItem class. It also has an attribute number of stars. The UI and the controller methods will make sure that the number of stars will never exceed a value of 5 as shown in the UI mockup.

Feature 1: Update a Menu Item (Jason Daou):

UI mockup:

As in previous iterations, this window appears upon clicking the Menu Button:



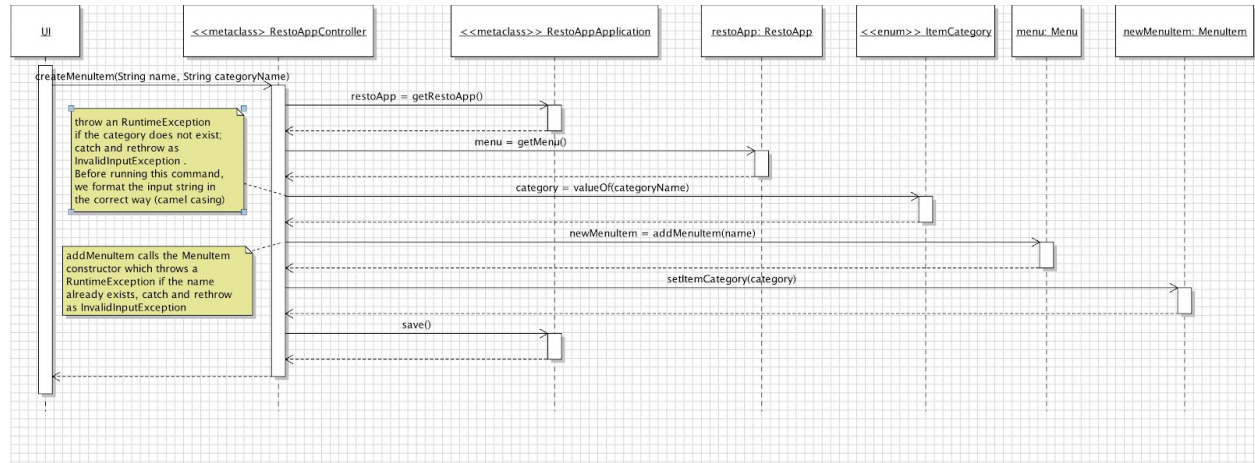
Specification of the controller interface:

Public static void CreateMenuItem(String name, String categoryName) throws
InvalidInputException

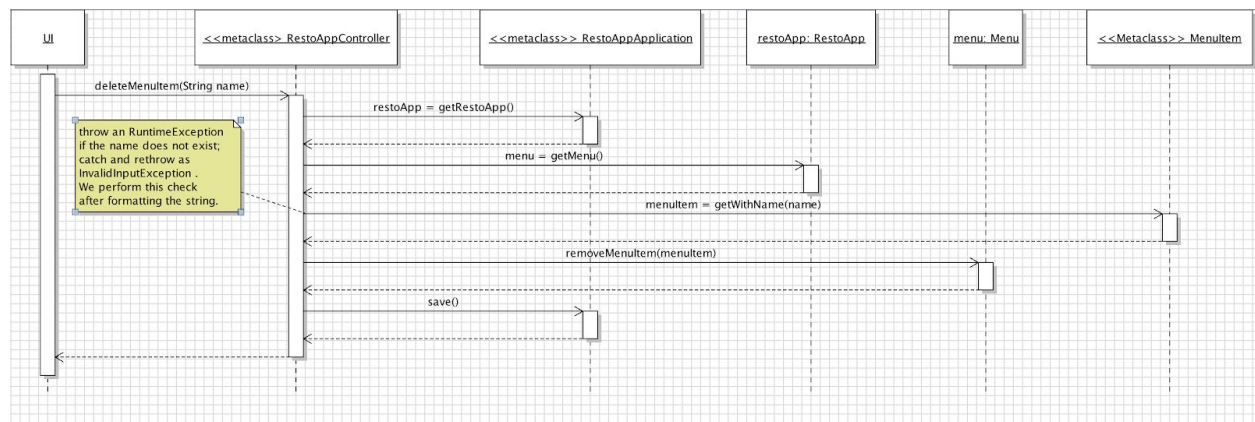
Public static void DeleteMenuItem(String name) throws InvalidInputException

Sequence diagrams:

Create a new Menu Item:



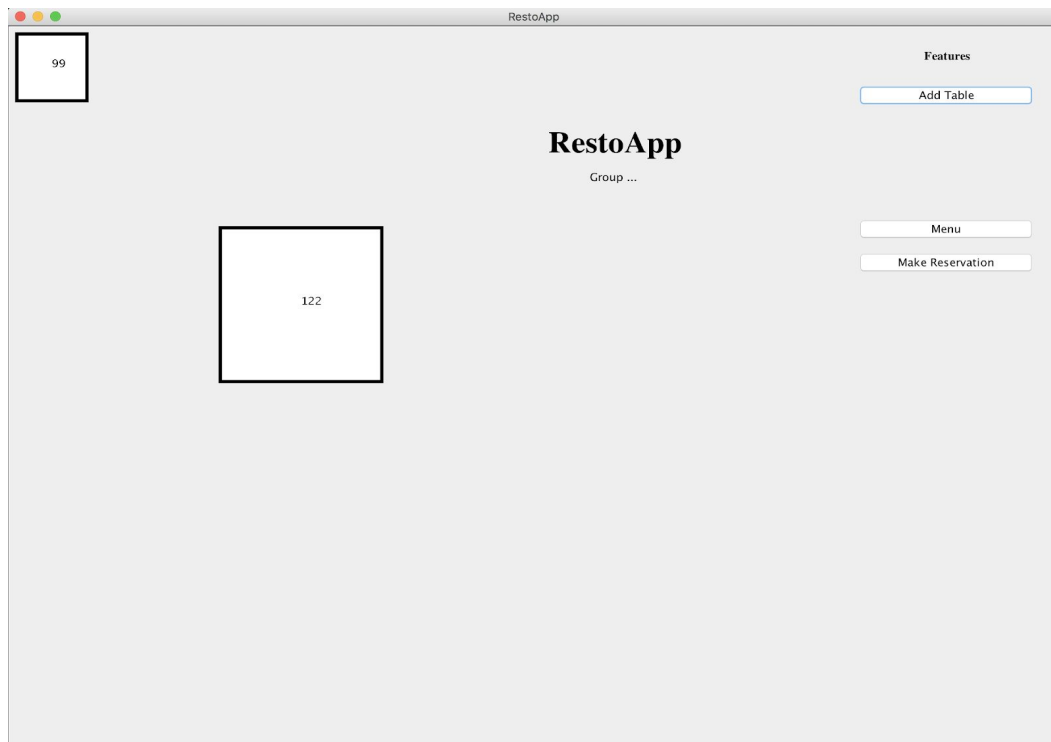
Delete an existing Menu Item:



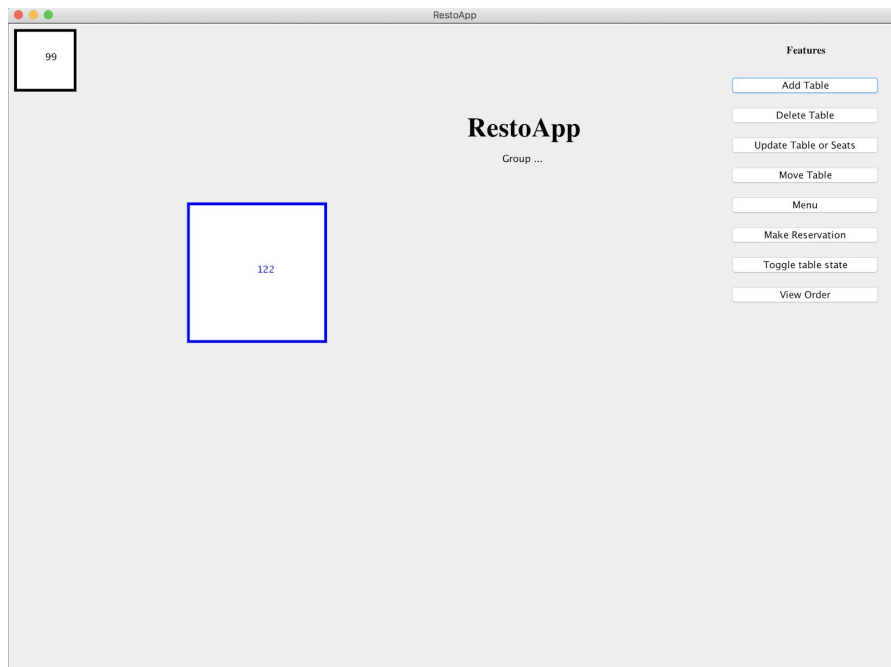
Feature 2: View Order (Karl Eid):

UI mockup:

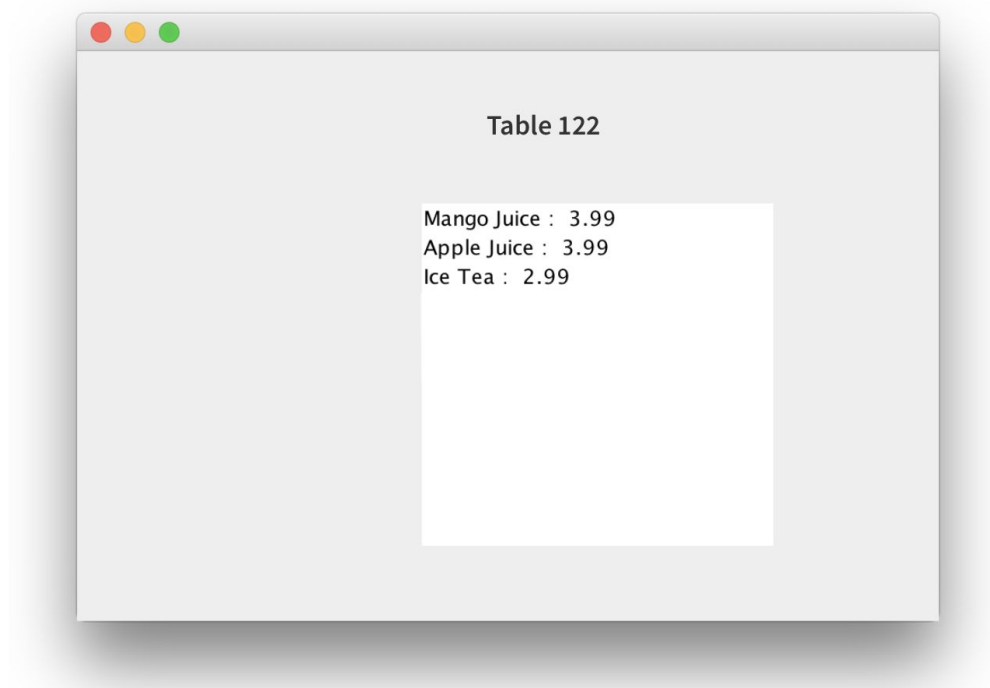
1.



2.



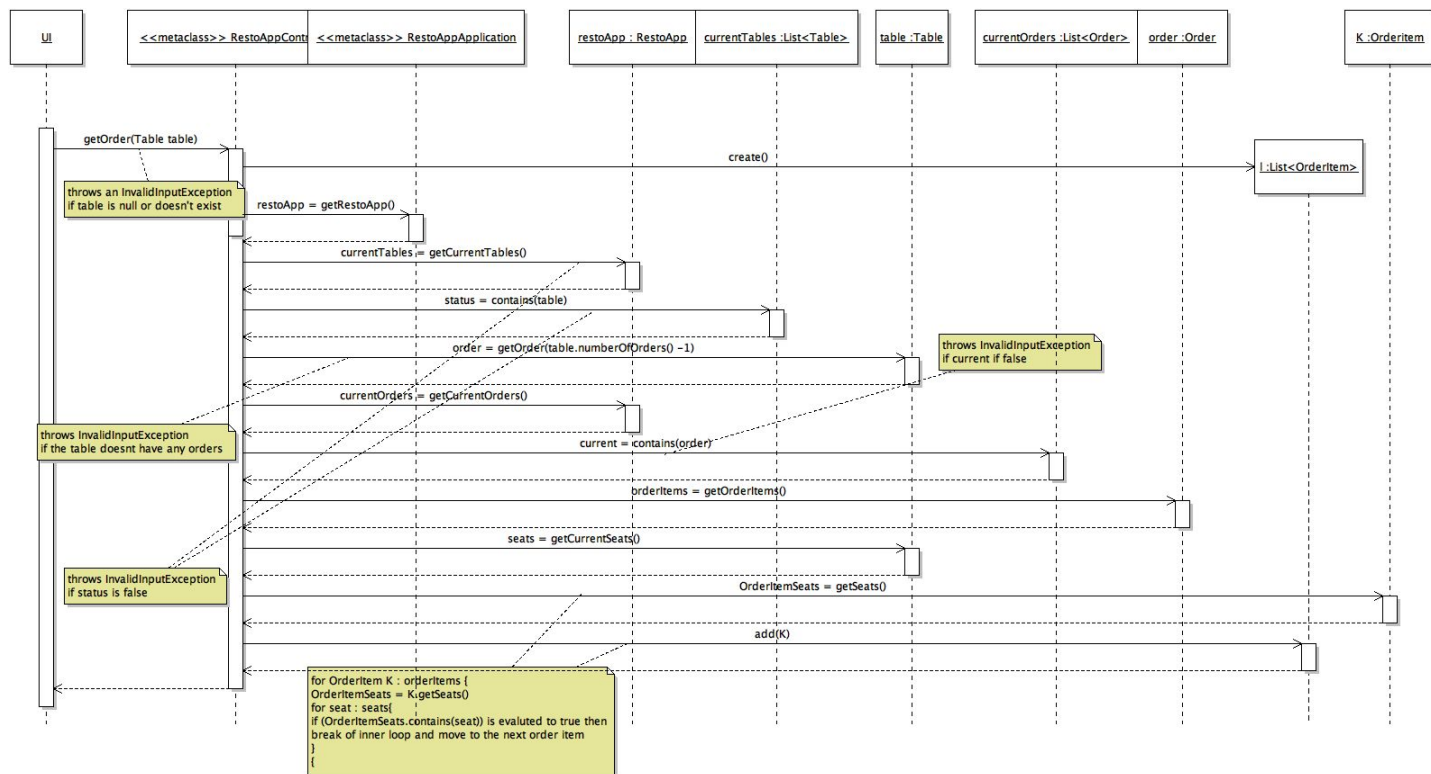
3.



Specification of the controller interface:

Public static void getOrder(Table table) throws InvalidInputException

Sequence diagrams:



Feature 3: Cancel an ordered item or whole order (Abed Atassi)

Specification of the controller interface:

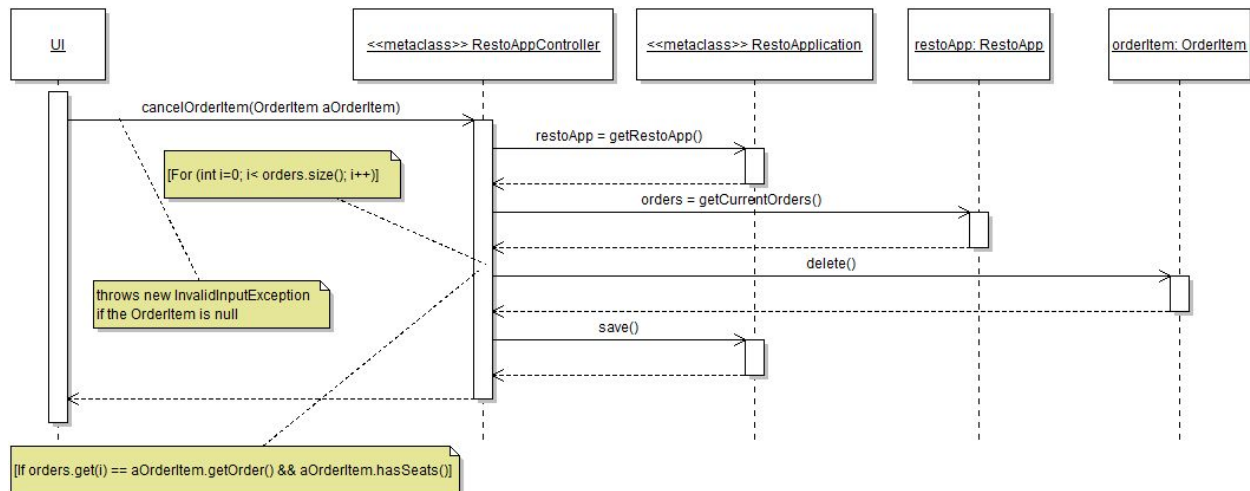
Public static void cancelOrderItem(OrderItem aOrderItem) throws InputException

Public static void cancelOrderForTable(Table table) throws InputException

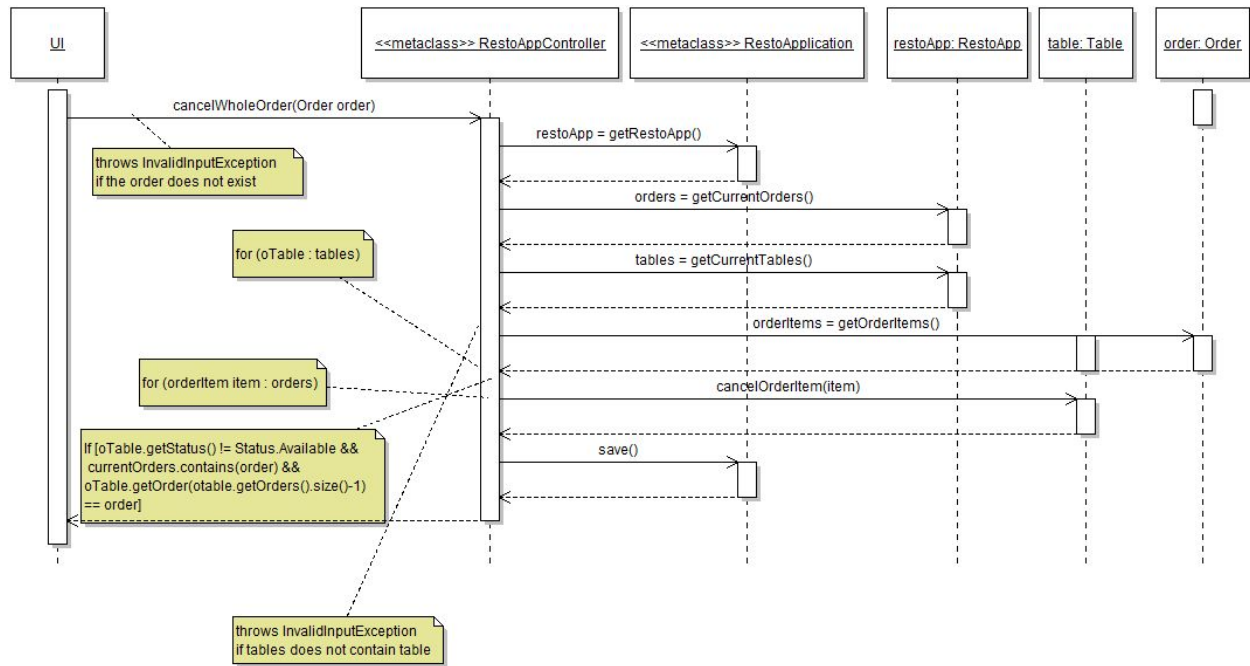
Public static void cancelOrderWholeOrder(Order order) throws InputException

Sequence diagrams:

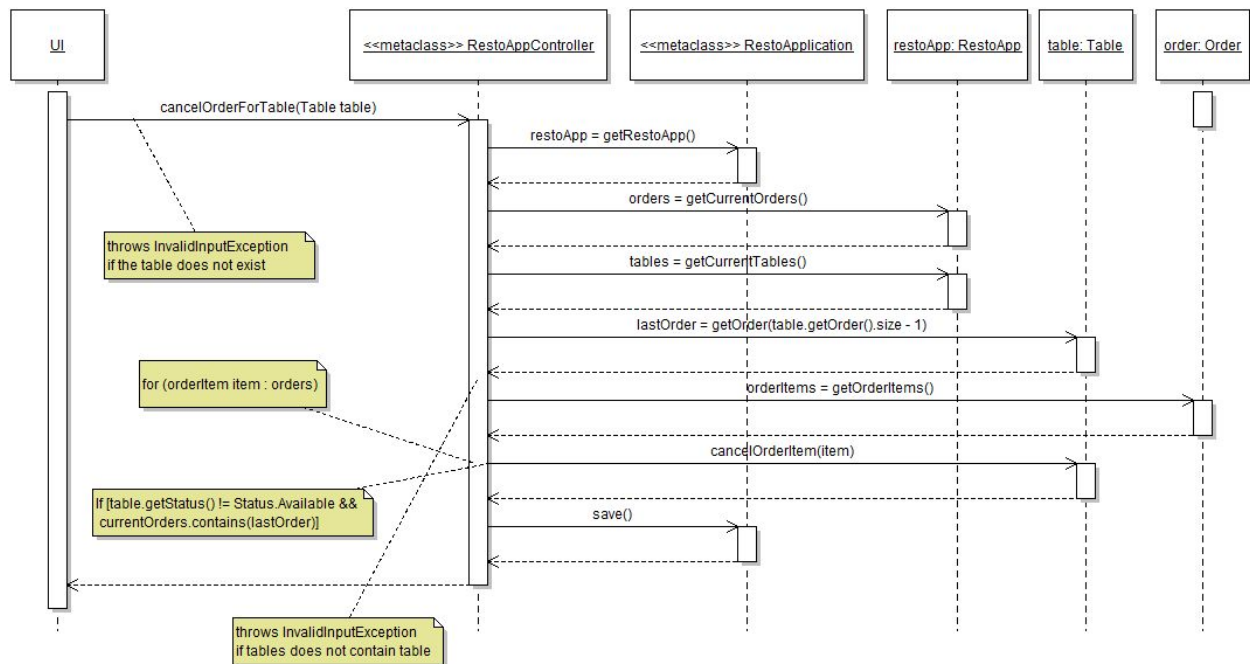
CancelOrderItem(OrderItem aOrderItem)



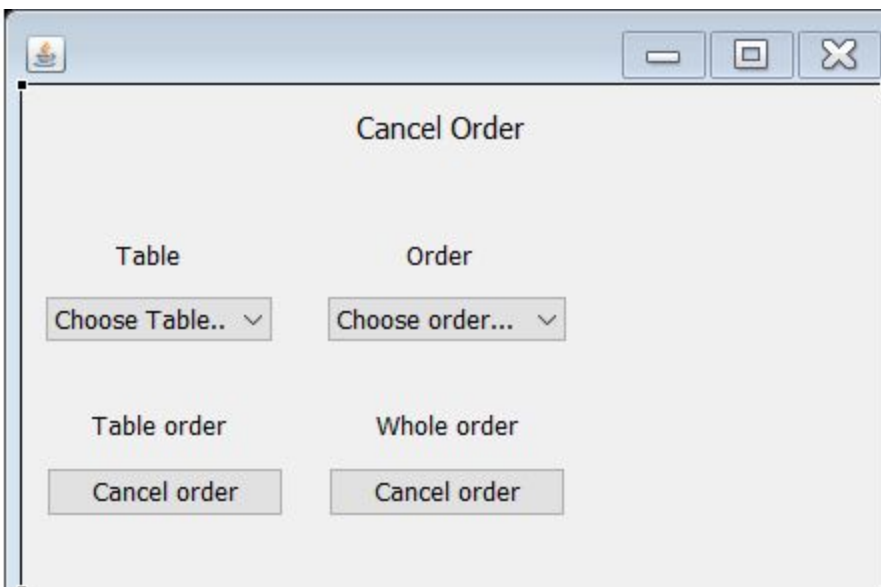
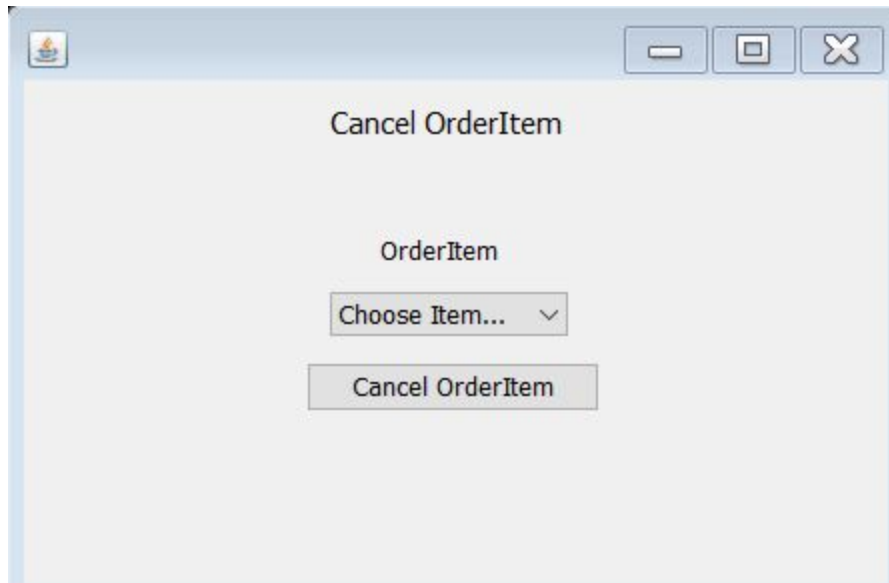
CancelWholeOrder(Table table, Seat seat, Order order)



CancelOrderForTable(Table table, Order order)



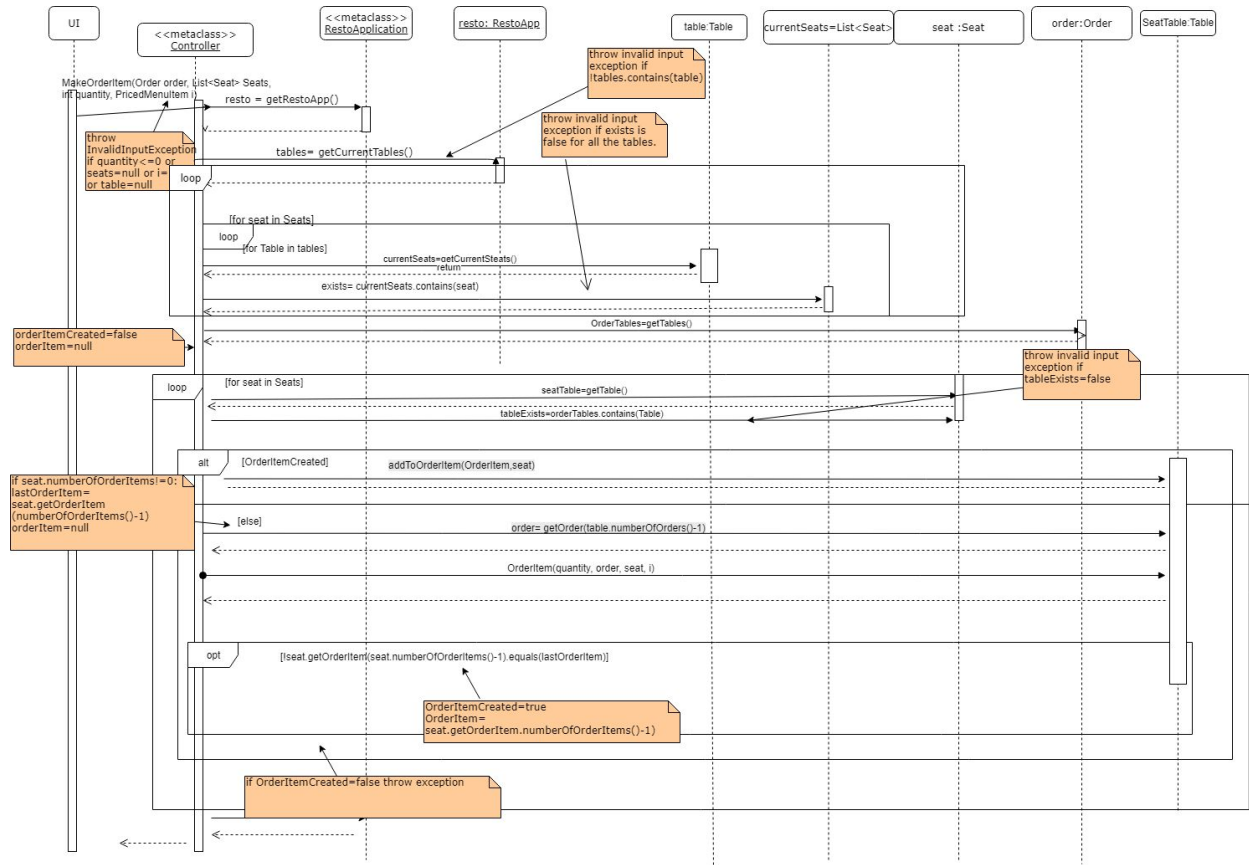
UI mockup:



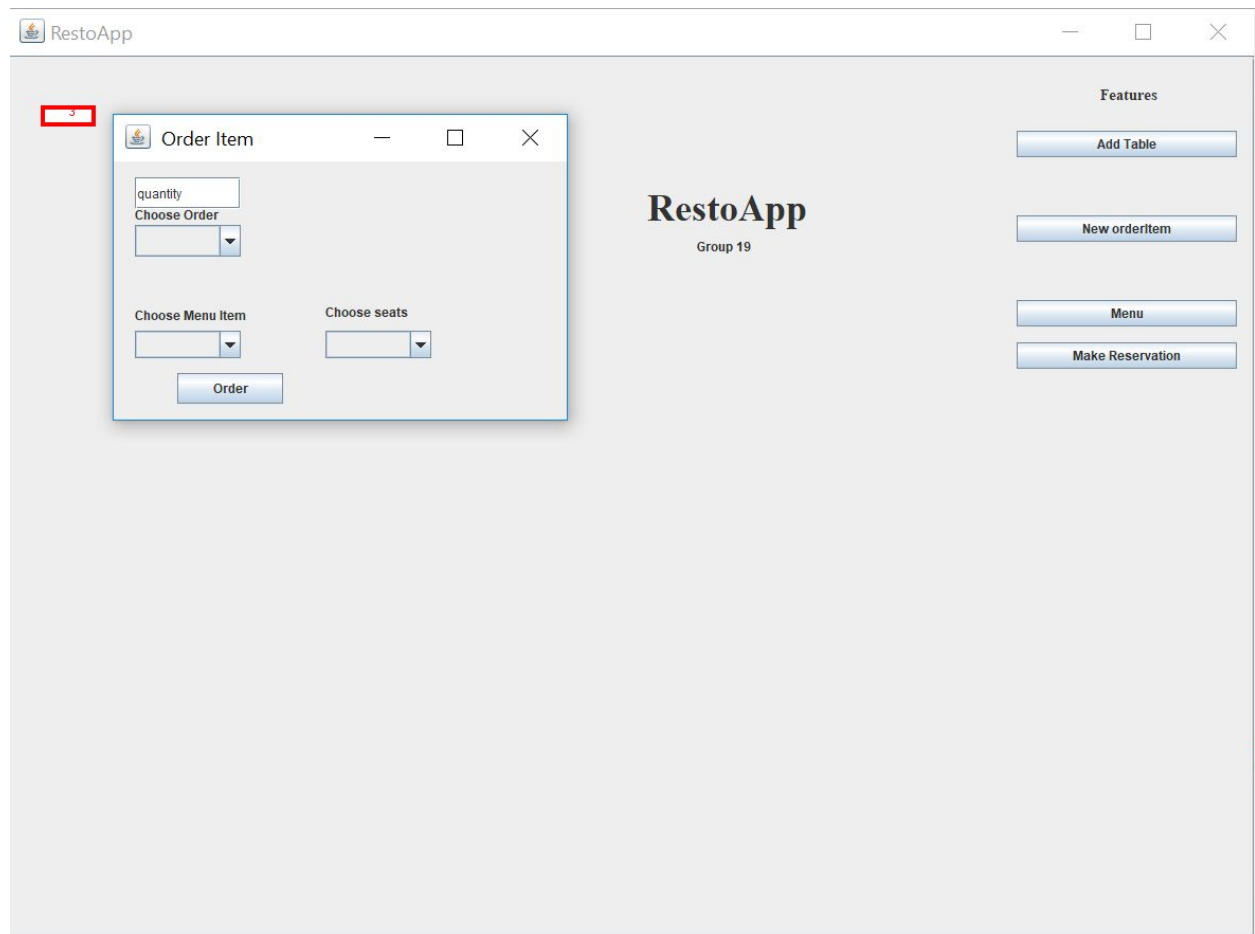
Feature 4: Making an order for a customer at a seat or several customers.(Reem Madkour)

Controller Interface : MakeOrderItem(Order order, List<Seat> seats, int quantity, PricedMenuItem i)

Sequence diagram:

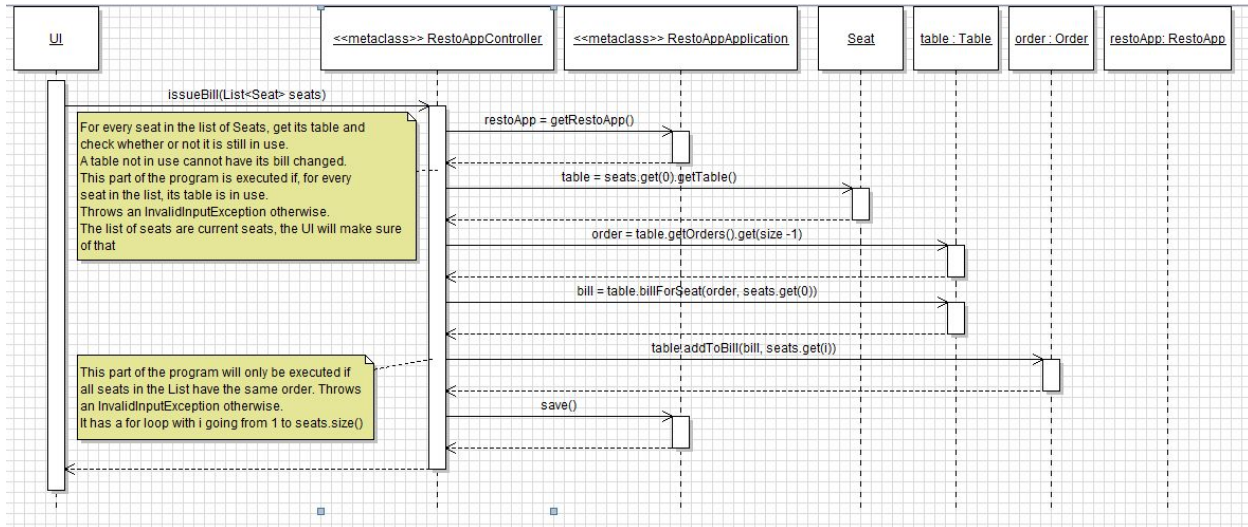


UI Mockup:



Feature 5: Issue Bill (Nicolas Abdelnour)

Controller Interface : public static void issueBill(List<Seat> seats) throws InputException.



UI MockUp: (The waiter selects as many customers from an order to issue a bill to)

The UI MockUp is a window titled "Issue Bill" with standard window controls (minimize, maximize, close). It contains two main sections: "Order Number" and "Seats Number".

The "Order Number" section has a dropdown menu with the value "1" selected.

The "Seats Number" section has a list box containing the numbers 1, 2, 3, and 4. The numbers 2 and 3 are highlighted in blue, indicating they are selected.

At the bottom right of the window is a button labeled "Issue Bill".

New Feature: Rate an order (Esa Khan):

UI mockup:

A combo box allows the user to select an order from their list, rate the item and submit the rating:

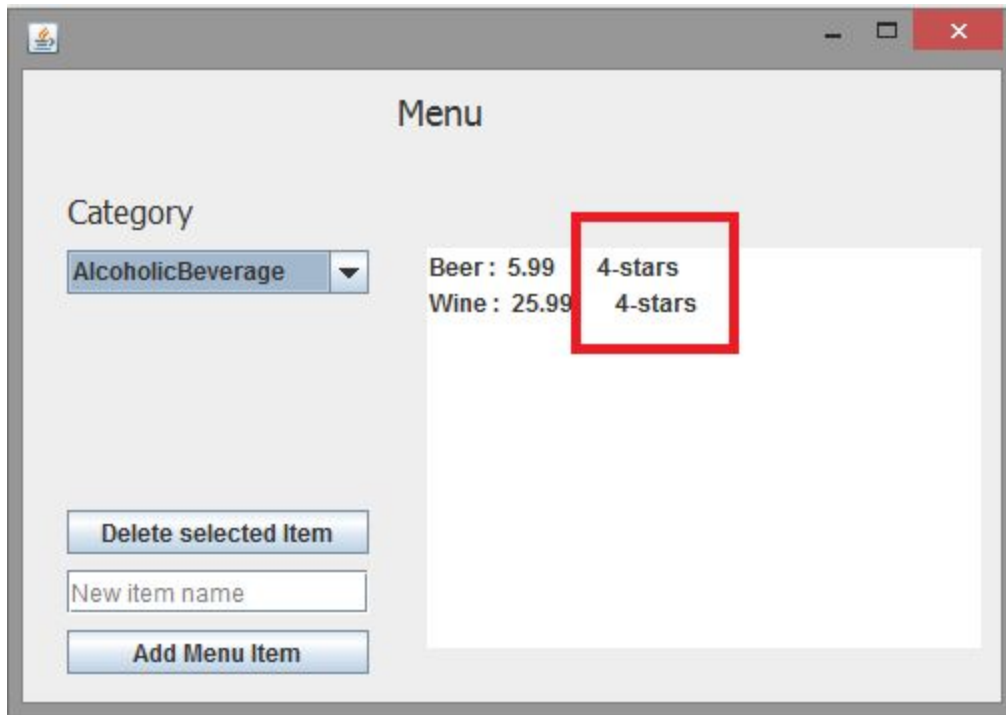


The image shows a window titled "Menu Rating" with a standard Windows-style title bar (minimize, maximize, close buttons). Inside the window, there is a light gray background. At the top, there is a blue button labeled "Select a menu item:" with a small downward arrow on its right side. Below this button, there are five gray, outlined stars arranged horizontally. At the bottom of the window, there is a blue button labeled "Confirm rating".



The image shows the same "Menu Rating" window, but with a different state. The "Select a menu item:" button is still at the top. In the center, the first three stars are now filled with a yellow color, while the last two stars remain gray and outlined. The "Confirm rating" button is still at the bottom.

Displaying menu items in order of rating:



The screenshot shows a window titled "Menu" with a standard Windows-style title bar. On the left, there is a "Category" dropdown menu currently set to "AlcoholicBeverage". Below this are three controls: a "Delete selected Item" button, a text input field labeled "New item name", and an "Add Menu Item" button. On the right, a list of menu items is displayed. The items are "Beer : 5.99" and "Wine : 25.99", both followed by "4-stars". A red rectangular box highlights the "4-stars" text for both items, indicating they are sorted by rating.

Item	Price	Rating
Beer	5.99	4-stars
Wine	25.99	4-stars

Specification of the controller interface:

Public static void rateOrderItem(OrderItem orderItem, Rating rating) throws
InvalidInputException

Sequence diagrams:

