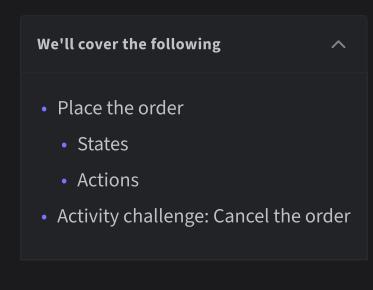
Activity Diagram for the Restaurant Management System

Create some activity diagrams for the restaurant management system problem.



to the other in the system. There can be different activity diagrams that we can create for our restaurant management system. In this lesson, we'll create activity diagrams for the following two activities:

• Place the order

Activities diagrams are a great way to visualize the flow of messages from one activity

- Activity challenge: How to cancel the order
- Place the order

The following are the states and actions that will be involved in this activity diagram.

States

Initial state: A guest arrives at the restaurant and asks for a table.

Final state: The guest successfully placed a food order.

The guest arrives at the restaurant reception and asks for a table. The receptionist

The guest arrives at the restaurant reception and asks for a table. The receptionist checks for table availability. The guest will sit at the table if the table is available. If the

Actions

table is unavailable, the guest will wait for a free table.

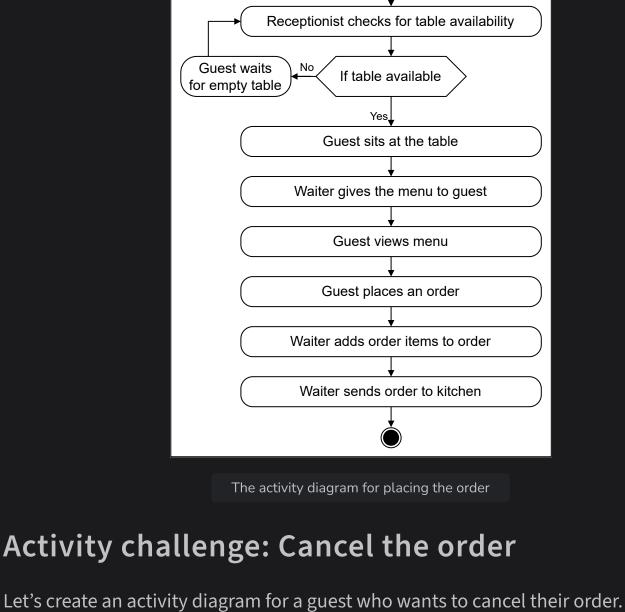
The waiter will appear with the menu when a guest sits at the table. The guest will

decide to order from the menu. The waiter will send it to the kitchen.

Based on the order above, the activity diagram of the table booking and the food

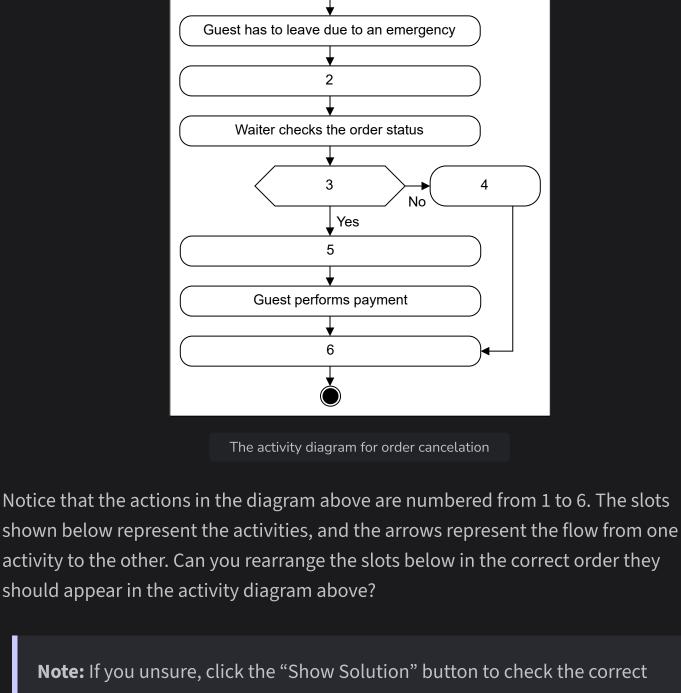
order are shown below:

Guest arrives at restaurant reception



A skeleton of the activity diagram is given below.

Waiter places the order



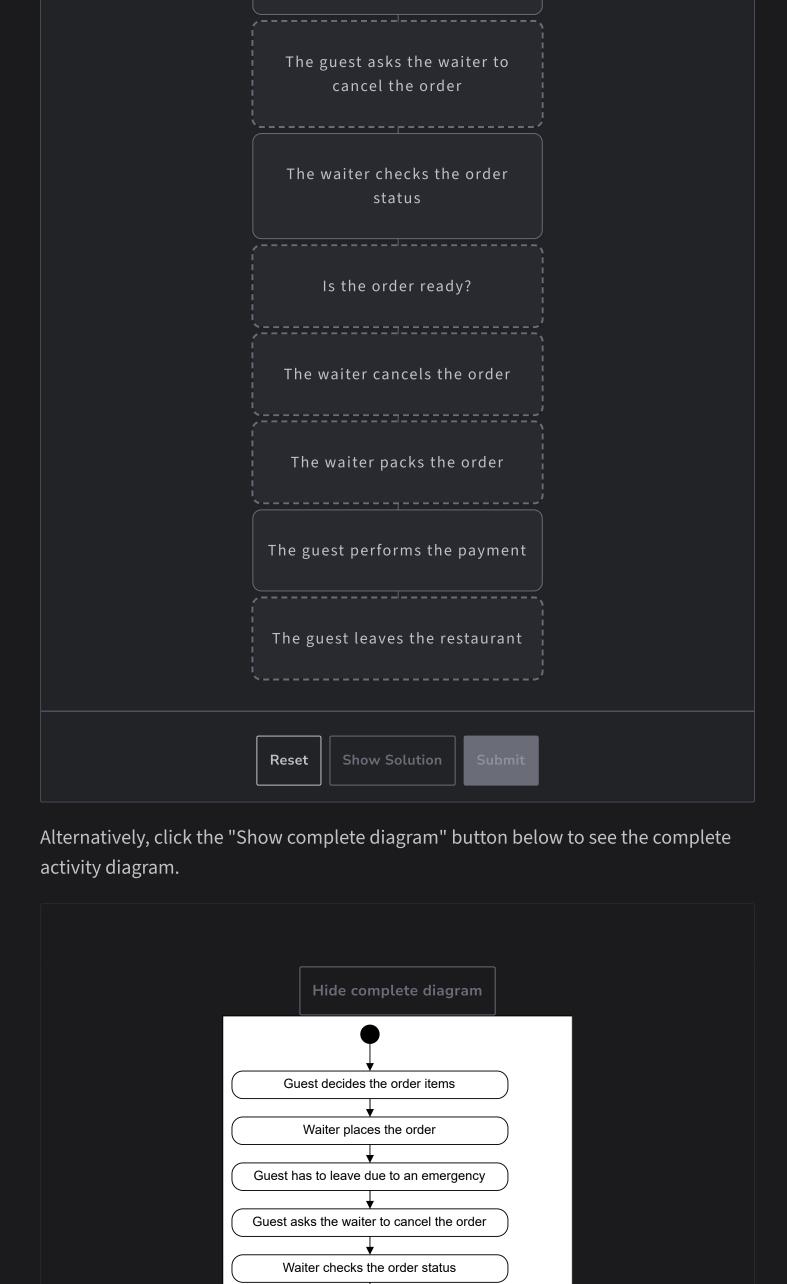
The guest decides on the order items

The waiter places the order

The guest has to leave due to an emergency

Fill in the missing slots with the correct actions for a guest who wants to cancel the order.

answer.



We've looked at some of the activity diagrams of our restaurant management system. In the next lesson, we will present the code for our designed classes in some of the most popular languages.

Is order ready?

Waiter packs the order

Guest performs payment

Guest leaves the restaurant

Waiter cancels

the order

Complete



co Diagram for the Rostaurant Man

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