

## **Homework 3 for CSE 216: System Sequence Diagram and Operation Contracts for Ordering Meal(10 points)**

Due date: **Feb 9th (Monday) 10am in class.**

Your task is to create a System Sequence Diagram and Operation Contracts for the Use Case UC-1 “Order Meal” that is posted to Blackboard in the file “More Use Case Examples”.

- Create the System Sequence Diagram for the Normal Course/Flow.
- Create Operational Contract for at least one system operations.
- Use the guidelines found in Larman, Chapt 10 and 11. In particular:
  - Use Fig. 10.3 as an SSD example.
  - Use abstract names for the System Events. (Sec. 10.6)
  - Use the contract in Sec. 11.1 as an example.
  - Use the classes from your domain model (HW 2) in the contract postconditions.

Please use pen or pencil and paper to create the model. Please turn this assignment in on paper at the beginning of class on Feb 9th.