

53 Restaurant Ordering System

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CSCI 5448 Spring 2017



Vision

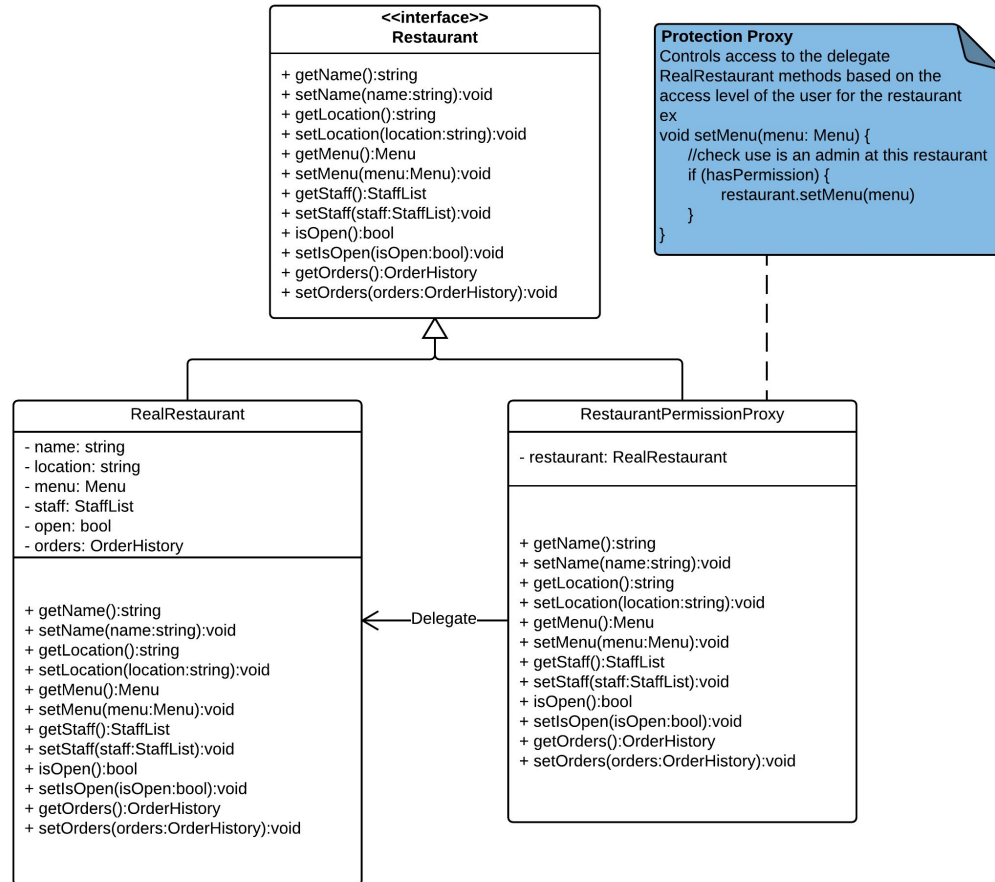
A system that customers can use to view a restaurant menu, select items for an order and place the order to the restaurant staff.

Technology Used

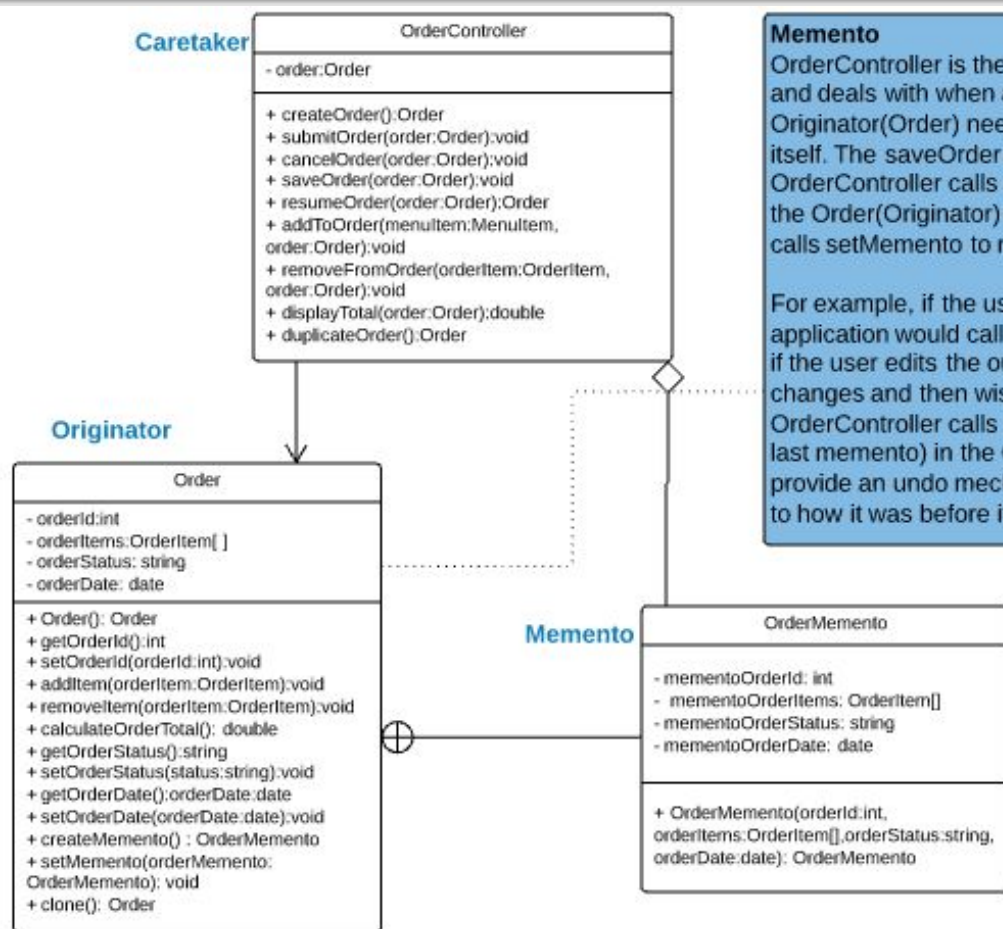
- Spring MVC
- Hibernate
- Mysql database

Live Demo (Use Cases)

Proxy Design Pattern



Memento Design Pattern

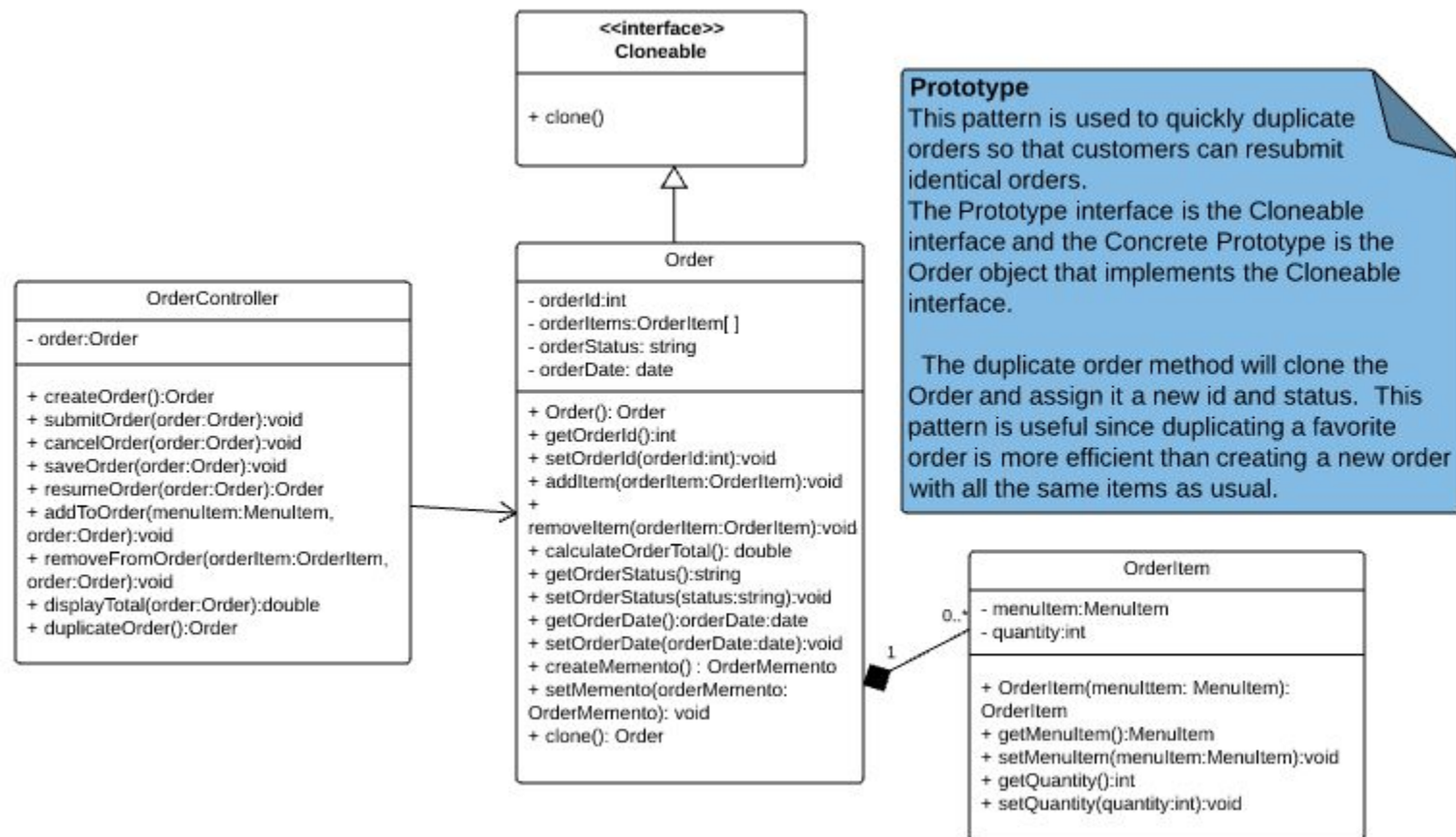


Memento

OrderController is the Caretaker object and deals with when and why the Originator(Order) needs to save or restore itself. The saveOrder method in the Order(Originator) class calls createMemento method in the Order(Originator) class and resumeOrder calls setMemento to restore the Order.

For example, if the user selects to Save then the application would call createMemento(save) and if the user edits the order further without saving changes and then wishes to restore, then the OrderController calls the setMemento(to restore last memento) in the Order object in order to provide an undo mechanism to restore the Order to how it was before it was modified.

Prototype Design Pattern



Link to Recorded Demo

Group GitHub

<https://github.com/chandlerbaggett/5448Project>

Demo:

https://github.com/chandlerbaggett/5448Project/blob/master/53_RestaurantOrderingSystem_Video_Demo.webm