Delectable Project Memo

Project status: Completed
Repository: https://github.com/pduangchalomnin/delectable
Lines of code (Measured by Metric - Eclipse's Plugin)

Total Lines of Code	3323
edu.iit.cs445.delectable.unitTest	1214
edu.iit.cs445.delectable.entity	813
edu.iit.cs445.delectable.interactor	549
edu.iit.cs445.delectable.rest	545
edu.iit.cs445.delectable.rest.presenter	202

Unit test: jUnit4
Unit test coverage (Measured by EclEmma -Eclipse's Plugin)

Element	Coverage	Covered Instructions	Missed Instructions	Total Instructions
edu.iit.cs445.delectable.entity	93.4 %	1,227	87	1,314
edu.iit.cs445.delectable.interactor	97.1 %	1,110	33	1,143

Cyclomatic complexity: 5
Number of hours needed for coding: ~60 Hours
Number of hours spent preparing for submission: ~5 Hours

List of challenges
- How to store orders list? How to retrieve it?
  - Create class called OrdersList to handle orders and have a method for retrieving data.
- How to prevent change of food price in order when the price is changing in menu?
  - Create a property of total amount of order to store the amount instead of re-calculating the amount every time getAmount() is called.
- How to make a deployable a war file?
  - To deploy a war file to Tomcat, the war file needs to consist of two directory META-INF and WEB-INF. The class files of our program have to be in the folder named classes inside WEB-INF.

Recommendations
   Tutorial about Tomcat environment and how to build and deploy war file.

Extra implementation
- Order status can be changed to 'delivered'.