

CSCI E97
Grade Sheet for Assignment 3

Student _____ Graded by _____

Grade ____/40

Design Document (20 points)

The design document (in PDF format) has a clear overview of the problem and presents a short description of the organization of the document. The requirements section provides a brief and accurate overview of the Store Controller requirements. Includes a Use Case Diagram with text describing the actors and use cases.	/4
The class diagram/dictionary provides a clear model of the Store Controller classes. The diagram should show all dependencies and associations (including composition) as well as inheritance relationships. Define the features of each class (attributes and associations) and methods of each class (except get and set methods). The class dictionary provides details on classes, properties, associations, and methods, including type information and descriptions. It provides sufficient detail about how someone uses the Store Controller Service.	/4
The Sequence diagram provides a detailed description of the classes and methods used to support the event and action workflow between the components of the Store Model and Store Controller.	/4
The design applies the Command Pattern and Observer Pattern in the interaction between the Controller Service and the Model Services.	/4
General quality of document (clarity of design, completeness, readability). The design document makes it clear how the design meets the requirements. Remember to reference requirements for the implementation section. Each diagram is followed by a brief description of the diagram.	/4
Grade	/20

Implementation (20 points)

<p>Include a Results document (in pdf format) describing your results:</p> <ul style="list-style-type: none">• Did the design document make the implementation easier?• How could the design have been better, clearer, or made the implementation easier?• Did the design review help improve your design?• How did you find the integration of the components?• Your comments on your peer's designs• Comments from your peer design review partners• Changes to your design based on the peer design review or implementation	/4
<p>Code compiles with the command</p> <pre>javac com/cscie97/store/controller/*.java com/cscie97/store/test/*.java com/cscie97/store/model/*.java com/cscie97/ledger/*.java</pre>	/4
<p>The program should run with the command</p> <pre>java -cp . com.cscie97.store.test.TestDriver</pre> <p>The test driver loads in the store configuration and sets sensor and appliance values. The controller responds to sensor events following the rules defined. Controller actions are output to the console. The test driver should also demonstrate customer account management using the ledger developed in assignment 1.</p>	/4
<p>Additional tests to demonstrate functionality and exception handling. Also description/documentation for these additional tests and their expected output.</p>	/4
<p>General quality of implementation including JavaDoc and code structure. Does the implementation follow the design document?</p>	/4
Grade	/20