

**CSCI E97**  
**Grade Sheet for Assignment 4**

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 rest of the document. The requirements section provides a brief and accurate overview of the Entitlement Service requirements. Includes a <b>use case diagram</b> , with notes describing each actor and use case.	/4
The <b>class diagram</b> provides a clear model of the Entitlement Service classes. The diagram should show all dependencies and associations as well as inheritance relationships. Define features and methods of each class. The <b>class dictionary</b> provides details on classes, properties, associations and methods, including type information and descriptions. Provides sufficient detail about how to use the public methods.	/4
The <b>sequence diagram</b> provides a clear description of the interaction between the Entitlement Service, Model Service, and Controller Service.	/4
The use of the following patterns: <b>Visitor, Abstract Factory, Singleton, and Composite</b> are included and highlighted in the design.	/4
The design document makes it clear how the design meets the requirements. (requirements should be referenced from implementation section to help clarify how the design addresses requirements). General quality of document (clarity of design,	/4

completeness, readability) Includes sections on Testing and Risk.	
Other comments	
<b>Grade</b>	/20

### Implementation (20 points)

<p>Document (in pdf format) describing your results.</p> <ul style="list-style-type: none"> <li>• Comments from peer design review and optionally the functional review</li> <li>• Your comments for your review partners</li> <li>• Any implementation changes that you made to your design and how they continue to support the requirements</li> <li>• How could the design have been better, clearer, or made the implementation easier?</li> <li>• Did the <b>design review</b> help improve your design?</li> <li>• Is the design process getting easier?</li> </ul>	/4
<p>Code compiles with the command</p> <pre>javac cscie97/asn4/housemate/controller /*.java cscie97/asn4/housemate/model/*.ja va cscie97/asn4/housemate/entitlemen t/*.java cscie97/asn4/housemate/test/*.jav a</pre>	/4
<p>Program should run with the command</p> <pre>java -cp . cscie97.asn4.housemate.test.TestD river housemate3.txt</pre>	/4

Test Driver processes the input file and generates the expected results.	
Additional test input files and exception handling.	/4
General quality of implementation including JavaDoc and code structure. Does the implementation follow the design document?	/4
Additional Comments	
<b>Grade</b>	<b>/20</b>