CSCI E97
Grade Sheet for Assignment 3

Student _____ Graded by _____

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 House Mate 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 House Mate Controller classes. The diagram should show all dependencies and associations (including composition) as well as inheritance relationships. Define 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. Provides sufficient detail about how someone uses the House Mate Controller Service.	/4
The **Sequence diagram** provides a good description of the classes and methods used to support controller functions.	/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	/4

implementation section.	
Other comments	
Grade	/20

Implementation (20 points)

Document (in pdf format) describing your results. ● Comments from your peer design review partners ● Your comments on your peer's designs ● Updates to your design based on the peer design review or implementation ● 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	/4
Code compiles with the command `javac cscie97/asn3/housemate/controller /*.java cscie97/asn3/housemate/test/*.jav a cscie97/asn3/housemate/model/*.ja va` cscie97/asn3/knowledge/engine/*.java	/4
Program should run with the command `java -cp . cscie97.asn3.housemate.test.TestD river` The test driver loads in the house configuration and sets sensor and controller values. The controller responds following the rules defined. Controller actions are output to the console. The test driver should also demonstrate occupant tracking utilizing the knowledge graph developed in assignment 1.	/4
Additional tests to demonstrate functionality	/4

and exception handling.	
General quality of implementation including JavaDoc and code structure. Does the implementation follow the design document?	/4
Grade	/20