CSCI E97
Grade Sheet for Assignment 5

Student _____ Graded by _____
Grade: _/45 + /5 => _/50_____

Design Document (45 points)

The design document (in PDF format) ● Provides a **clear overview of the problem** ● Presents a short description of the **organization of the rest of the document** ● Provides an **overview of the requirements** **Use case diagram** ● With notes describing the actors and use cases	/5
Module component diagram Provides a module component diagram of services with descriptive text. Shows inter module dependencies.	/5

Class diagram
● For each service:
  ○ Asteroid Inventory
  ○ Spacecraft Management
  ○ Mission Management
● Provides a clear model of the classes.
● The diagram should show all dependencies and associations as well as inheritance relationships.
● For each class, define attributes, associations, and methods
● Cardinality of associations are specified
	/5

Class dictionary
● For each service:
  ○ Asteroid Inventory
  ○ Spacecraft Management
  ○ Mission Management
● Provides details on classes, properties, associations and methods, including type information and descriptions.
	/5

● Provides sufficient detail about how to implement the classes.	
Sequence diagrams ● Message flow for receiving status message from a spacecraft where spacecraft has discovered water on target asteroid ● Message flow for receiving a status message where the spacecraft has completed its mission ● Message flow for provisioning a new mission	/5
Activity diagram ● Provides a clear overview of the activities to provision a new mission.	/5
User interfaces are defined with wire frames. Interaction with service interfaces is defined.	/5
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) **Design patterns** are included in the design and their use is highlighted.	/5
General quality of document (clarity of design, completeness, readability) **Includes sections on Testing and Risk**.	/5
Other comments	
Grade	/45

Results document (5 points)

Document (in pdf format) describing your resul	/5
● Comments from peer design review ● What design patterns did you apply in this design? ● Did the modular approach to the design help? ● Did you find that you needed to go back and update modules to support modules designed later? ● Did the design review help improve you design? ● Did the reuse of the Authentication Service help or hinder your design? ● Do you think you could implement this design?	
Grade	/5