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 Authentication Service requirements. Includes a **use case diagram**, with notes describing each actor and use case.	/4
The **class diagram** provides a clear model of the Authentication Service classes. The diagram should show all dependencies and associations as well as inheritance relationships. Define the features and methods of each class. The **class dictionary** provides details on classes, properties, associations, and methods, including type information and descriptions. It provides sufficient detail about how to use public methods.	/4
The **sequence diagram** provides a clear description of the interaction between the Authentication Service, Model Service, and Controller Service.	/4
The use of the following patterns: **Visitor, Singleton, and Composite** 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 the implementation section to help clarify how the design addresses requirements**). The general quality of the document (clarity of design, completeness, readability). Includes sections on Testing and Risk.	/4
Other comments	
Grade	/20

Implementation (20 points)

Document (in pdf format) describing your results. ● Did the application of the design patterns help or hinder your design and implementation? Please explain how. ● How could the design have been better, clearer, or made the implementation easier? ● Any implementation changes that you made to your design and how they continue to support the requirements ● Is the design process getting easier? ● Did the **design review** help improve your design? ● Your comments for your review partners ● Comments from peer design review and optionally the functional review	/4

Code compiles with the command
`javac cscie97/smartcity/controller/*.java`
`cscie97/smartcity/model/*.java`
`cscie97/smartcity/authentication/*.java`
`com/cscie97/ledger/*.java`
`cscie97/smartcity/test/*.java`
	/4

The program should run with the command
`java -cp . cscie97.smartcity.test.TestDriver`
`smart_city.script`
Test Driver processes the input file and generates the expected results.
	/4

Additional test input files and exception handling.	/4
The general quality of implementation including JavaDoc and code structure. Does the implementation follow the design document?	/4
Additional Comments	
Grade	/20