CSE 460

Programming Assignment Report

Posting ID: [Your Posting ID]

[Date]

Fall 2019

1. Description and Assumptions

Provide a brief overview of your software system. List any assumptions you made about the requirements that we should be aware of.

1. Use Case Diagrams

Insert Astah use case diagram(s) to show the purpose of your software. Give descriptions of the import of the actors and use case scenarios.

1. Class Diagrams

Insert here one or more Astah class diagram(s) that compliment your code. The diagram should match your code as much as possible. Pay close attention to details, like cardinality, stereotype, etc. It is **not** necessary to include property sheets (like Base, Operation, and Attribute tabs). Each class diagram should provide a description of its purpose (use). The description of a class diagram focuses on the collective roles of its constituents (i.e., what do these classes and interfaces do together). Note that each class defined in Astah should have a description and therefore need not be duplicated in this report.

1. Sequence Diagrams

Insert one or more sequence diagram(s) that show the interactions between your classes. You may want different sequence diagrams for different queries, so that you can capture the dynamics of most of the system. Include a short description after each diagram. Each sequence diagram should provide a description of its purpose (use).

1. State Machine Diagrams

Insert one or more state machine diagram(s) that show the behavior of parts of the software. The diagrams should show how different states affect what results are produced. Each sequence diagram should provide a description of its purpose (use).

1. Readme

What should we know about your design and implementation? Tell any considerations we need to know to run and test your software. This should also be a text file with your submission.

1. Appendix & Credits

This is optional. If you stumbled upon some articles, code snippets, GitHub repos, etc. that inspired you in some way, please credit them here. If you have anything else you want to say or include to perfect your report, put them here.