

CSCI 2300, Fall 2018

Project Design [100 points]

For this phase of the project, you will need to create a detailed design to fulfil the requirements of your project. Create and submit the following design artifacts:

1. Class diagram: I've used an online tool to create class diagrams for this course. This tool can be accessed at www.draw.io. You are welcome to use any tool you wish. You can create multiple class diagrams, if one diagram becomes too complex/busy.
2. Class interfaces: create a .java file for each class in your design. Specify the interfaces of each class. The interfaces do not have to be implemented. If a method of an interface returns a value, have it return a "dummy" value. Your interfaces need to compile but do not need to work (yet). Create a javadoc style comments for your interfaces. Generate javadocs.
3. Traceability matrix: create a matrix mapping what design component and module within the component addresses each requirement. If multiple design components/modules address a given requirement, list all that apply.

SUBMIT:

1. Submit a PDF document with your class diagram(s) via email
2. Submit your interfaces (.java files) via git. Each group will have a git repo for their project. These repos should be available by Wednesday, Nov 7. Submit the generated javadocs via git as well.
3. Traceability matrix: submit a PDF document containing your traceability matrix via email.

NOTE: Please send items (1) and (3) in the same email. There should be one email submission per group.