

Project API Documentation Bounty: 200 points

Senior Seminar

CMSC 461

Spring 2026

Name: _____

Project API Documentation

Use Doxygen or Docbook to build “internal API documentation” for your project. Essentially, that is a list of every function provided by your back-end that contains a description of:

1. Its name and purpose
2. Its inputs (arguments)
3. Any preconditions on those inputs (must they be in a certain range, already initialized, etc?)
4. Its outputs (return value and any output/reference parameters) and any post conditions that will be true when it finishes.
5. Its side effects (does it print anything, modify global state, etc)

This is potentially a huge task and will require coordination from nearly every member of the group, so I will give the 200 points to each member of your group that works on this as long as they contribute more than 15% of the final document.

To submit, print out the API generated by the tool and attach it to these instructions. Each member should submit their own copy of this page.