CS2303: Systems Programming Concepts

C-term, 2018: Assignment 4 Grading Form

Student Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Grader’s initials \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

For each section, your points depend on whatever is appropriate for that section: For example: whether the program runs without crashing, whether the comments are complete and understandable, etc.

**Notice: if the program can not be compiled or run successfully, a “0” will be assigned directly.**

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| --- | --- | --- | --- |
| **Feature** | **Max**  **Points** | **Points**  **Earned** | **Comments** |
| Program compiles and runs without warnings | 5 |  |  |
| Proper indentation in source files to show structure | 5 |  |  |
| Complete internal comments | 10 |  |  |
| Proper Doxygen-compatible header comments for every function | 10 |  |  |
| Meaningful function and variable names | 5 |  |  |
| Well-written “readme” file, including results and conclusions drawn from testing. | 10 |  |  |
| Correct make file | 3 |  |  |
| Correct Doxyfile | 2 |  |  |
| Correct use of rand() to generate random numbers | 5 |  |  |
| Correct use of srand() to set seed | 5 |  |  |
| Appropriate classes and hierarchy | 5 |  |  |
| Event queue as priority queue by time. | 10 |  |  |
| Proper responses to events (i.e. action() method) | 15 |  |  |
| Calculation and output of statistics | 10 |  |  |
| **Extra credit: Alternate queue using STL.** | 20 |  |  |
| Late | -20 daily |  |  |
| **Total** | **100** |  |  |