CS 3100 Project 1

Summer 2019

Grading rubric

1. If the program cannot be compiled, deduct 90 points. If the program crashes or has segmentation faults in the beginning of the program, deduct 80 points.

2. All the submitted project files should have: Course Number / Course Title, your name, prof.’s name, date, and the project name. If you did not include these required contents in your submitted files, then 5 points will be deducted. Compress all these files into a zip file, and just submit the zip file. If you do not submit one zip file, instead of submitting multiple source files, 5 points will be deducted. You also need to submit a compiling command to compile your source codes. If not, another 5 points will be deducted.

3. Main() function: 20 points. In the main function, if no menu, deduct 10 points. If in the main() function, while reading the file, if EOF is not checked, deduct 3 points. For each member function that is not tested, deduct 1 point.

4. Equal member function: 10 points.

5. Constructor: 7 points.

6. copy constructor: 7 points.

7. Destructor: 7 points.

8. enqueue() member function: 6 points. If in the enqueue() function, whether the queue is full or not is not checked, deduct 2 points.

9. dequeue() member function: 6 points. If in the dequeue() function, whether the queue is empty or not is not checked, deduct 2 points.

10. front() member function: 5 points. If in the front() function, whether the queue is empty or not is not checked, deduct 3 points.

11. back() member function: 5 points. If in the back() function, whether the queue is empty or not is not checked, deduct 3 points.

12. print() member function: 6 points.

11. the size(), isEmptry(), getCapacity() member functions: 2 points each.