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Data Structures and Algorithms II
Project 2
User's Manual

Program Description:
The program simulates real-time event-driven programming. The program simulates customers utilizing up to 10 services. Once the services are full, the program places those customers in a FIFO queue. While the event-driven simulation occurs, the program will compute the analytical model.

Setup and Compilation:
1. Download and unzip the submission from eLearning on a Linux box in the multi-platform lab.

2. The submission includes:
- testHeap.cpp
- minHeap.hpp
- minHeap.cpp
- customer.hpp
- customer.cpp
- testFifo.cpp
- Fifo.hpp
- fifo.cpp
- testStats.cpp
- stats.hpp
- stats.cpp
- simulation.hpp
- simulation.cpp
- README.md
- MakeFile

3.Environment: This program has been tested in the multi-platform lab and will run there.

4.Compiling. This program includes a `Makefile` at the command line in Linux, type `make all`.

Running the program:
User input:

lambda (l) = 2

mu (m) = 3

M = 2

Output: All output goes to the console.