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Data Structures and Algorithms II

Project 2

User’s Manual

Queueing Theory

*Instructions for Setup and Compilation*

1. Download and Unzip the submission from the eLearning dropbox onto a Linux box in the Multi-Platform Lab.
2. Change directory into the unzipped directory
3. The extracted/unzipped directory must include the following (at a minimum):
   1. Functional Decomposition document (in .docx format)
   2. User’s Manual (in .docx format)
   3. Main.c
   4. Priority.c
   5. Model.c
   6. Queue.c
   7. Priority.h
   8. Queue.h
   9. Model.h
   10. Makefile
4. To compile and build the program, use the Makefile provided. Run the command “make” once inside the unzipped folder.

(*Note: This program has been tested on Ubuntu bash on several machines using both gcc and make*)

1. To run the program, execute the command “./tree” to execute the executable named “tree” created in the same directory.

**User Input**

Type in the values for the different parameters of the program such as *n, lambda, mu and total servers,* as instructed by the program itself.

**Output**

All the output will go to the standard output, no relevant external files will be created during the runtime of the program.