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Data Structure II

Project 2

User's Manuel

Setup and Compilation-

- Download and unzip the files listed below into a Linux base system using GCC
- All files included are:
  - main.c
  - queue.c
  - queue.h
  - matfuncs.c
  - matfuncs.h
  - makefile

• Environment: A UNIX based system should be used with a gcc complier.

• Compiling: to compile the program you must enter make into the window on your UNIX system. This will compile the files and output a file named *market*.

• Running the Program: Type ./market to run the program. The program will prompt the user for inputs of average arrivals and the average served in a time period. It will take these averages to randomize numbers for a generator. Also it will ask the user for the number of customers they would like to simulate.

• Output: The output will display the math done on the screen as well as the inputs. The simulation will not display and will run in the background.