ME 635: Modelling and Simulation

Homework 2

Simulation models using Arena

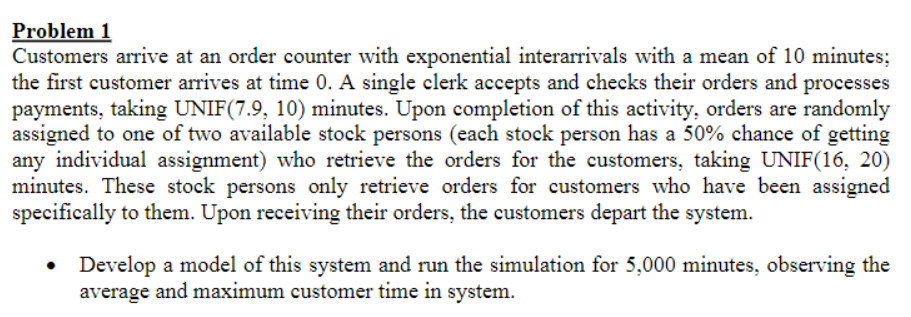
09/19/2022

I pledge my honor that I have abided by the Stevens Honor System.

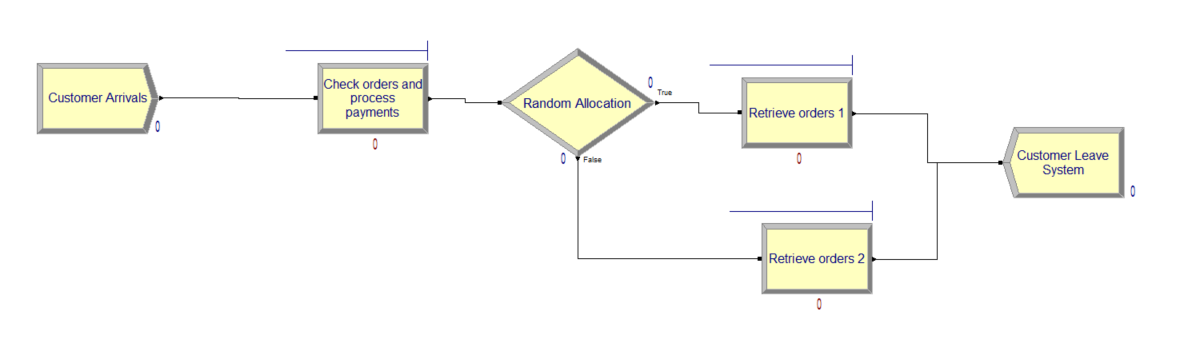
Submitted by,

Viral Panchal.

Q1.



Model:



# [Q1\_ViralPanchal\_zip file](Q1.zip)

*(The zip file has the arena models and pdf report generated.)*

Results:

Table

Description automatically generated

Average customer time is 100.23 minutes

Maximum customer time is 217.76 minutes

Q2.

Text

Description automatically generated

Model:

Graphical user interface, diagram

Description automatically generated

# [Q2\_ViralPanchal\_zipfile](Q2.zip)

*( The zip file has the arena models and pdf report generated.)*

Result:

Chart, table

Description automatically generated with medium confidence

Number of good parts = 441

Number of inspected parts = 44

Number of scrapped parts = 4