

COMP406, Simulation and Modeling
HW-1 Spring 2015

For each of the systems:

- Optimize the process in a fast food restaurant: the customers wait to order, and wait at the cashier to pay and wait to receive their orders .
 - Minimize the waiting time for customers at an ATM bank machine.
1. Suggest a simulation model, Explain the conceptual and the specification models and discuss what variables should be effective in the simulation.
 2. Discuss whether the simulation model should be static or dynamic, deterministic or stochastic, continuous or discrete.