

## CS 736 Software Performance Engineering Homework Assignment #3

**Assigned: Thursday, September 30, 2010**

**Due: Thursday, October 7, 2010 at the beginning of the class (HARD COPY)**

**No assignments will be accepted after 12:30 pm on Tuesday, October 12, 2010**

Revise the solution of your homework assignment #1 following the comments given in your assignment and in the [slides posted on the class Web page](#).

- (d) What would be the appropriate system execution model for the software execution model of the `Checking out books` scenario developed in Homework #1? Explain your choice. Build and solve the system execution model assuming that the arrival rate is 30 requests/hour. Identify the bottleneck device. (35 points)