

COMP 690 E-commerce Fall 2006 Written Assignment 4

Due in the digital drop box by Wed., Nov. 15, 11:00 PM

The following relate to the material in chapter 4 of your text.

1. Characterize the kinds of Web tasks that are I/O intensive and those that are CPU intensive. Try to generalize, explaining why your generalizations hold. What are the main strategies to accommodate I/O-intensive tasks and those to accommodate CPU-intensive tasks? Again, offer and justify generalizations.
2. Summarize the material presented in the section "System Analysis/Planning: Identify Business Objectives, System Functionality, and Information Requirements" (pp. 199-201). Do this from the perspective of what you have learned about software engineering in computer science. How is the perspective of the authors different from what you are accustomed to in computer science?
3. Explain active content of Web pages. What are its advantages? How is it done? How might Perl be used in this respect (*cf.* the CGI .pm module)?

For each question, write about a half page single-spaced, 12 point. The actual length of your answer will depend on how succinctly you can answer the question. Length is not a primary grading criterion, but, if you write less than a quarter of a page (single spaced), you probably are leaving out something important, and, if you write more than a page, you probably are creating work for yourself without enhancing your grade.