

CSCI 524 Assignment 02
Introduction to Software Systems Analysis and Design
60 points

Answer the following questions in your own words based on the concepts and contents that we have studied in the lectures.

1. (10 points) What is the difference between systems analysis and design?

2. (15 points) What is the purpose of the system development life cycle (SDLC)?

3. (15 points) What are the six core processes for software systems development?

4. (20 points) For each of the figures in lecture 01, which ones show the Tradeshow System overall, and which figures show the components that apply to the Supplier Subsystem?
 - a. System Vision Document (Figure 1-8)
 - b. Work Breakdown Structure (Figure 1-9)
 - c. List of Use Cases (Figure 1-11)
 - d. List of Domain Classes (Figure 1-12)
 - e. Domain Class Diagram (Figure 1-13)
 - f. Use Case Diagram (Figure 1-14)
 - g. Activity Diagram (Figure 1-15)
 - h. Initial Screen Layout (Figure 1-16)
 - i. Database Design (Figure 1-17)
 - j. Component Diagram (Figure 1-18)
 - k. Design Class Diagram (Figure 1-19)
 - l. Software Architecture (Figure 1-20)
 - m. Code for SupplierView Class (Figure 1-21)
 - n. Screen Capture (Figure 1-23)

What to submit:

- Your answers in a .doc, .docx, or .pdf document with up to 20 % similarity on Turnitin
- Submit it electrically through D2L