CptS 322 Software Engineering Principles I

Spring 2018

Homework 1

(Due Friday/ January 19th, 2017 on)

1. (10 points) Umbrella activities occur throughout the software process. Do you think they are applied evenly across the process, or are some concentrated in one or more framework activities?

2. (10 points) When we say that framework activities are applicable to all projects, does this mean that the same work tasks are applied for all projects, regardless of size and complexity? Please explain.

3. (10 points) Fill out the following table to document the problems you encountered and the web searches you used for answering the above two questions. Fill out the four columns shown below. List at least 5 search phrases that you've used for this homework. Give a simple yes/no in the fourth column to indicate whether the search phrase led you to helpful results.

The following is an example for your reference.

Question/Issue You Needed to Resolve	Search Engine or Site Used	Search Query Used	Were Results Helpful? (Yes/No)
Need to understand what DataGridView events can be responded to	Google.com	DataGridView Events	Yes
Need to figure out how to obtain cell value	Bing.com	Get text value from cell in C#	No
Need to know how to draw an architecture context diagram	Stackoverflow.com	Architecture context diagram in Visio	No
Want to differentiate between sequence diagram and communication diagram	http://www.uml-diagrams.org/	sequence diagram vs communication diagram	Yes
Need to understand black-box testing	Yahoo.com	What is black-box testing	Yes