

CS777 - Beginnings

Spring 2009

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Private research and reflection prior to starting the course so that you can each bring your own perspective and experiences to the class.

Intro

Answer all these questions on a single page:

Who are you? What do you do? Job? Company? What is your first degree? What is your current degree? What classes have you taken at Pace already? What classes are you taking at the same time as CS777?

Part A

Create a single page summary to explain what you believe software quality is and what it involves.

Part B

Create a single page summary to explain what you interpret software quality assurance (SQA) to mean and involve.

Part C

Create a single page summary to explain what is meant by software reliability and when/why it matters.

You are to email me these 4 pages (intro, part A, part B, part C) by Friday January 30.

You are also to do the following task, but you do not need to email me anything on it.... Just be prepared to discuss this when I ask you in class.

Part D

Prepare some informal notes (however long you need them to be) to clarify and then justify your claims about the level of quality you believe you attained on your project for CS615/CS616.

If you have not taken one of the introduction Software Engineering courses at Pace then I assume you are a practitioner, so summarise what you do on your projects or in your company instead – and be prepared to discuss your most recent project.

You are to summarise the SQA techniques/practices you believe you applied (or not) on your project work. Do you consider your project work to have been competently tested? How did you test it? Do you think your software was ready

to deploy? If you answered no to the latter questions, explain how you think you would determine whether the testing is sufficient and whether your software product is ready to roll out.

This practical retrospective should support your answers to parts A, B and C.

SUMMARY

Each student is to prepare a 5-minute presentation to present their answers to ALL the above questions to the class on Monday 2 February. Create 5 powerpoints if possible, one slide for intro, one slide for part A, one slide for part B, one slide for part C and one slide for part D. Do not email this to be, just bring it to class to project.

It is really important you do some INDEPENDENT thinking before we start exploring these topics on the course. I want to know what you think and what you expect we will be covering. I want to draw on your knowledge and experiences where possible. Your personalised interpretations and responses to these questions will help me set the context for the course.