Homework #4

Assigned: March 5
Due: March 30

Select one of the following topics that you would like to learn more about for this assignment:

1. Technical Debt
2. DevOps
3. Software Product Line Engineering
4. Software Analytics
5. Test Driven Development

For this assignment, assume you are working for a large software development firm, which utilizes agile software development practices.

Part 1 (1 page).

Develop a one-page proposal to the company president advocating the need for training software leaders in your organization on the topic you chose. Your one-page proposal must consist of the following sections:

a) ***Why is This Important***. In this section, you need to explain to the president why your selected topic is important for the software leaders in your organization. What is the potential value of this training.

b) ***Training Objectives***. Identify 3 of what you believe are the most important objectives you hope to accomplish via the training. In other words, what are the 3 things that you expect the software leaders attending your training are going to be able to know or how to do.

c) ***Best Reference for Further Investigation.*** Identify what you believe is the best reference for your president to read on this topic. Explain why you chose this reference amongst all of the other possibilities.

Part 2 (1 page).

Select one of your training objectives from Part 1. Develop a one-page outline of the information you would cover in the training to accomplish this objective. The outline should include the main topics to be addressed.

Be sure to cite all references used and as always be sure that your paper is written in your own words (no cutting and pasting).