# *Systems IV Assignment 9 - PEA Deliverable 12/ Video Outline*

Date assigned: Tuesday, April 10, 2018

PEA date due: **Tuesday April 10, 2018 at the end of the lab**

Video outline: **Tuesday, April 17, 2018 at 2:00 p.m.**

**Learning Objectives**

Upon successful completion of this assignment, the student will be able to:

* Fulfill the requirements for PEA Deliverable 09 (Maintenance)
* Prepare an outline for the Training Video

To do:

**Part A - PEA**

**Create a folder named YourUserName E42 A09 in your H:\3rdYear\420-E42 folder to hold all the folders and files for this assignment.**

**Copy the folder named YourUserName E42 PEA from the YourUserName E42 A08 folder to the YourUserName E42 A09 folder.**

1. Make the changes/corrections identified in the work submitted for Assignment 08.
2. Based on the discussion in class, set up the links and documents for the following PEA Deliverable.

**Deliverable 12: Maintenance**

* An overview of types of maintenance projects.
  + Describe the different types of maintenance projects that were studied (Corrective, Adaptive, Perfective, Preventive) and the differences between them.
  + Identify the type(s) of maintenance completed in the Maintenance course.
* An introduction to the systems that were maintained.
  + Write a 1 paragraph summary of the project. Specify the purpose of the maintenance project and when it took place. Describe what your system is used for and who the target user base is.
* A summary of the modifications done to the system.
  + Write 1 paragraph explaining the concept of refactoring. Describe what refactoring means, and explain the benefits of refactoring. Describe the refactoring that is being done in the maintenance project.
  + Write a 1 paragraph summary describing the modifications done to the system.
* A brief overview of the methodology used to update the system.
  + Provide a description of the Agile methodology used during maintenance development, and the use of daily scrums to deliver your sprint(s). Describe how testing is being performed.
* A description of the team environment including list of team members.
  + Write a short paragraph summarizing the team environment in the Maintenance Project course and describing how work got allocated in the Agile environment.
  + Include a list of the team members.

**Part B – Training Outline**

In this portion you should submit a training outline describing in detail the Training Video that you plan to make. Name your document YourUserName E42 A09 Training Outline.

1. Prepare an outline of your training session. Your outline should include the following items:

* Content - A **detailed** list of the topics that will be covered, in the order that they will be covered. Remember that training topics should be organized to begin with lower-level skills and progress to higher-level skills. Introduce concepts and vocabulary first, followed by explanations of concepts, followed by building basic skills and abilities.
* Format - A description of your training format. We agreed that it would be a video, but what will you show during the video? Slides? Prezi? Captures from the system? Break down your training session into 2 minute increments, and outline the flow of your session. Identify which team member will do which portions of the training.
* Learning Style – a paragraph summarizing how you will incorporate the different learning styles into your training (visual learner, auditory learner, experiential learner).
* Handouts – a description of the handouts that you will provide the trainees with. You do not need to prepare the handout this week (that will come later), but you need to outline what the content of the handout will be.

**To submit:**

When you have completed the assignment, copy the **YourUserName E42 A09** folder, containing the following, to the Moodle page for the course:

* YourUserName E42 PEA folder, containing all the files in the digital portfolio
* YourUserName\_E42\_PEA\_A09.docx containing the content from the pages you wrote today in Word format.
* YourUserName E42 A09 Training Outline (Due April 17th)