# *Development Project II (420-E63-HR)*

# *Assignment 2 – Code inspection*

Date assigned: Tuesday, January 23, 2018

Date due: **Wednesday, January 24, 2018, 6:00PM**

**Learning Objectives**

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

* Understand the purpose of a code inspection meeting
* Participate in a code inspection meeting
* Understand the roles and responsibilities of attendees of a code inspection meeting
* Familiarize with the coding standard and the expectations of the team so that the team normalizes to a common style and quality.

To do:

There are individual and team portions of this assignment. **YourUserName\_Teamxx\_E63\_A01\_SetupAndPrep.docx.** Include your (short) username and team number.

# Section 1 – Individual Work

## Part A – Preparation

1. You must prepare for the code inspection meeting. Take a look at this PDF file and read section 5 to understand the roles and responsibilities. This shouldn’t take more than 15-20 minutes. 

What are the roles to be established at the beginning of the meeting?

|  |  |
| --- | --- |
| Role | Responsibility (short description) |
| **Author** | The person who wrote the code that is being inspected |
| **Moderator** | The person who directs the meeting |
| **Reader** | Presents portions of the work product to the inspection team to  elicit comments, issues, or questions from inspectors. |
| **Recorder** | Records and classifies issues raised during inspection meeting. |
| **Inspector** | Goes and looks for issues in the code prior to the code inspection |
| **Verifier** | Performs follow-up to determine whether rework has been  performed appropriately and correctly. |
| **Peer Review**  **Coordinator** | Custodian of the project’s inspection metrics database. Maintains records of inspections conducted and data from the Inspection Summary Report for each inspection. Generates reports on inspection data for management, process improvement team, and peer review process owner. |

Ensure that you’re familiar with the roles and responsibilities. You may be asked to take on one of the roles.

1. Print out the assigned code with line numbers showing. Read the assigned code in advance so that you have familiarity with it and not puzzling your way through it in the group meeting. You’ll be asked what preparation was done and it’ll be recorded.
2. Bring the printed code for inspection to the group meeting with any notes or markup you’ve made on them.

# Section 2 – Team work

As per the process at the beginning of the meeting the roles are assigned.

The moderator opens, the reader begins.

Deliverables include:

1. The Inspection Summary Report 
2. The Inspection Issue Log 

**One member of your team must print out and bring the forms to the meeting.**

At the end of the meeting, return the forms to your professor. Copies will be returned to the team to address the code inspection comments.

**To submit**

When you have completed the individual assignment, upload the **YourUserName\_E63\_A02\_CodeInspection.docx** document to Moodle.

See Moodle for marking Rubric.