Holistic Code Review[1]

Date assigned: 2/9/2016
Date due: 11:59pm on 2/16/2016

For this activity, you are going to be performing a holistic code review. In a holistic code review, an entire module is inspected and the author is provided with feedback.

For this activity, you are going to perform a code review on the CS 300 Data Structures Airport assignment. You will be randomly allocated to a team of 3 or 4 reviewers. The teams are listed at the end of this document. Each team will receive a different version of the Airport assignment.

I will provide you with the following in both electronic and hard copy form:

- Coding Standards
- Assignment Description
- Code to Review
- Sample Code Review Checklists

I have randomly assigned roles to each member of the team. The roles are:

- Moderator:
    - Schedules the code review meeting
    - Conducts the meeting
- Reader:
    - Presents the code during the meeting by paraphrasing it in their own words
- Scribe:
    - Records all issues raised during the code review meetings

Each reviewer will individually mark up the code in detail. Reviewers can use the code review checklists and coding standards to determine what to mark up. Each reviewer will then prioritize a list of their 5 most important comments/suggestions/questions about the code.

The Moderator will collect the 5 comments from each of the members of the team. The Moderator must also have their own 5 comments.

The team meets for 30-60 minutes. The Moderator goes around the room allowing each reviewer to raise their highest-priority issue and everyone discusses that issue. The scribe documents the gist of the discussion.

The meeting should end after 60 minutes, even if not all issues were discussed.

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[1] Variation on: https://homes.cs.washington.edu/~mernst/advice/code-review.html

Although the author is not present during the meeting, you need to act as though they were. Treat the author with respect and be kind. As much as possible, make all of your comments positive and oriented to improving the code.

The Scribe edits the notes from the meeting, and submits them to the Moderator. The Moderator is responsible for checking all of the meeting notes and sharing them with me (khoj0332) on GoogleDocs. The Moderator must also note any items that could be added to a Code Review Checklist in the future.

I must receive the complete meeting notes and additions to the checklist by 11:59pm on Tuesday, 2/16.

During class time on Thursday, 2/18, the moderator from each team will present the outcomes of their code review to the rest of the group. The moderator will present the issue raised, the sample code it was in, and a summary of the discussion.

Team Name	Ferrari	Mercedes	Lexus
Moderator	Kevin Jian	Lauren	Kevin Jo
Scribe	Evan	Abby	Jacob
Reader	Kelsey	Nicole	Bri
Reader	Alex		