# CMSC 345

**Software Design and Development**

UMBC-CMSC 447 Section 2 Team 4
Team Awesome

# Planes for Hire

# Code Inspection Report Template

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**Purpose of This Assignment**

- To achieve group consensus on developing or adopting practical coding and commenting conventions.

- To learn how to perform code inspections among "egoless" team members.

- To appreciate how error correction costs can be significantly reduced by discovery during the coding phase rather than later during testing or after installation.

**Required Activities**

- Define project-specific commenting and coding conventions (or adopt/modify other popular conventions).

- Compile and build all code without fatal errors and with only minimal warnings.

- Inspect together, <u>as a full team</u>, all significant pieces of code written to date. (Code inspection meetings may be virtual rather than physical, although this may be more difficult.) You will need to take copious notes during inspection meetings in order to fulfill the content requirements of the Code Inspection Report. Understand what information you will need to record <u>before</u> each meeting.

*Planes for Hire*
Code Inspection Report


# Table of Contents

# 1. Introduction

## 1.1 Purpose of This Document

The purpose of this document is to provide an overview of the coding practices that were adhered to in the the creation of the Planes for Hire application. Practices that will be included are coding and commenting conventions as well as any software defects, in addition to a review of all systems. Lastly, meetings will be outlined. Since no actual code has been written yet, we have no code to inspect. There will be more results and elaboration for Spiral 2.

## 1.2  References

1. Refsnes Data (1999-2015). w3schools.com. Retrieved from "http://www.w3schools.com/googleapi/"
2. The PH Group (2001-2015). PHP. Retrieved from "http://php.net/"
3. QuinStreet Inc (2015). SQLCourse.com. Retrieved from "http://www.sqlcourse.com/"
4. Planes for Hire System Requirements
5. Planes for Hire Design Document

## 1.3  Coding and Commenting Conventions

We will be using camel case variable names and with c style coding conventions. More descriptions will be added for Spiral 2.

# 2.  Code Inspection Process

## 2.1  Description

There is no code to inspect yet so we do not have a process. We do not wish to give an ideal process that we most likely won't follow. There will be more for Spiral 2.

# Appendix A – Team Review Sign-off

This document has been collaboratively written by all members the team. Additionally, all team members have reviewed this document and agree on both the content and the format. Any disagreements or concerns are addressed in team comments below.

**Team**

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# Appendix B – Team Review Sign-off

This document has been collaboratively written by all members the team. Additionally, all team members have reviewed this document and agree on both the content and the format. Any disagreements or concerns are addressed in team comments below.

**Team**

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# Appendix C – Document Contributions

Roberto wrote the purpose of the document, appendices, and the very brief description for 2.1. Sundar wrote references. He played a role in editing and reviewing the document as well as creating and assembling the documents. Tam and Sundar wrote section 1.3.