Assignment 5:
Implementation

Statement of Work

In the detailed design we refined and extended our analysis objects according to the subsystems defined in the system design. In this assignment we will map the detailed design to C# source code to produce a running implementation.

Required Deliverables

For this deliverable your group must provide:

1. C# source code that covers all aspects of the system according to your requirements analysis document minus the simplifications below.

2. NUnit test cases for the non-trivial behavior of the system

3. Code contracts for non-trivial behavior of the system

4. XML comments for non-trivial methods and classes

5. A brief document covering any system or acceptance tests you should do to verify the system.

Moreover, you must prepare a 5 minute presentation with demo that will be presented to the client. Include any in insights you have learned through using unit tests and code contracts. Please individually send me a one paragraph evaluation of what you have learned in the course and what you would have done differently now that you have seen the entire process.

Due Dates

Your group must turn in the deliverable by end of day June 6th, 2017. Late submissions will not be accepted.
**Simplifications**

The client has been delighted by your work so far! Great job! However, the business analysis has decided that it will be too costly to include most of the functionality of your designed system. They have suggested the following simplifications:

1. The address is just typed in, you do not need to use the GPS
2. You do not need a network notification system, provide a refresh mechanism in its place.
3. The demo should run on a single machine.

**Guidelines**

- Your source code should compile and run under the current version of Visual Studio
- All tests should compile and succeed in Visual Studio
- Run the static analysis on your source code. Fix all the warnings or justify why they are not fixable.
- Do not worry about making the interface look like your storyboards. Just enough to get the idea across.