EECS 293
Software Craftsmanship
2015 Fall Semester

Programming Assignment 12

Due at the beginning of your discussion session on

November 17-20, 2015

No late assignment will be accepted after December 4, 2015

Reading

- Section 6.2, "Present a consistent level of abstraction in the class interface" in Code Complete
- Section 6.3 in Code Complete
- Section 19.6 in Code Complete
- Items 1, 2, 17, 18 in Effective Java

Programming

Make any changes to the AirVille design as required after the review and this week's lecture. Implement your design:

- Interfaces and classes
- Methods (according to your pseudo-code, if any)
- Error-handling

Test cases are required to validate and improve your design. No test cases are required for automatically generated methods. Focus on unit tests, plus a single stress test.

General Considerations

After Programming Assignment 8, your code should have an extensive unit test suite. Your code should have a reasonable number of comments, but documentation is going to be the topic of the next assignment. As a general guideline, comments should be similar to those accepted in EECS 132.

Submission

Create a repository called airville.git. Make small regular commits and push your revised code and test cases on the git repository.

Grading Guidelines

An automatic C (or less) is triggered by

- Any routine with complexity greater than 4.
- Any substantially repeated piece of code.
- Improperly named routines.