Assignment 4 – CS 618 Software Design

Due at start of class on April 12, 2016

You are asked to examine the projects of others, giving you two responsibilities: reviewee and reviewer.

As authors of a project that will be reviewed by others (reviewee), please provide all the latest artifacts (updated per instructor comments) to your reviewers NLT class time April 1.

As reviewers of a project, please do the following:

Use Active Reviews as the basis for your design review (Active Reviews for Intermediate Designs (ARID) from CMU and the SEI). These reviews are discussed in the Software Architecture evaluation book, a tutorial can be found here:

<http://www.sei.cmu.edu/library/abstracts/reports/00tn009.cfm>

The basic process includes brainstorming use and/or change scenarios, then analyzing the design to see how it accommodates the scenario (for example, changing from semesters to quarters -- adding new add/drop rules, other maintenance tasks, etc.). You may brainstorm to come up with scenarios, but please do not use more than five.

Next, you should perform a review of your design review (look at your write up, look at your checklist, did you do everything required to perform an adequate design review).  Prepare a short write up that describes what you learned in the process of reviewing your colleagues’ project as well as in performing the review of your design review report.

This work may be done in teams (preferably working with your partner(s) from the midterm project).