Tuesday April 12th and Thursday April 14th are “testing days”, where we will use class time to perform system and usability testing of each team’s applications. Complete the following steps, and write up a short report on your results. Your report must include: (1) a description of each test you had performed on your application; (2) the results/findings of each test; and (3) what modifications/changes you made to your application based on the results/findings.

**STEP 1**: Your team will need to develop at least two usability tests (one for each day), where each test should take approximately 15–20 minutes for a user to perform. You will perform each usability test twice (on two different users). Each usability test should be thought out and represent important functionality of your system, but should not be trivial. A non-trivial usability test requires users to perform relatively complex tasks using your applications, and typically involves users having to many sub-tasks in (following a path through) your application. For some projects you will need to be creative in terms of how you perform the tests. Again, the key is for you to gain new insights into the usability of your system to make any necessary changes. Also remember that good usability instructions are “declarative” and not “procedural” (i.e., are not step-by-step “prescriptive” instructions).

**STEP 2**: You will perform your first usability test twice on Tuesday, April 12th and your second usability twice on Thursday, April 14th. On both days, another group will also perform a system test of your application (i.e., try to break it). Thus, you need to come prepared on the 12th and 14th to do system and usability tests. Be sure to keep notes on how the tests went and the results/findings of the tests.

**STEP 3**: For each test result, determine what changes could be made to improve the usability or functioning (in the case of bugs found during system testing) of your application. Determine as a team what changes/bug fixes you will perform. Finally, write up your testing report and hand it in during class on April 19th.