

Team Term Project Deliverable #3

Preparation: For those teams that have been instructed to re-work their test plans, do so and resubmit with this deliverable.

Task: Design and build a testing framework that can be used to implement your test plan. The testing framework should have at least the following properties, processes and outcomes:

1. architectural description – based on this list and your ideas
2. documentation - how-to(s)
3. fully automated: the framework includes a program or script that can load a set of already-specified test cases and run them
4. a test case specification including
 1. test number or ID
 2. requirement(s) being tested
 3. component(s) being tested
 4. test input(s) including command-line argument(s)
 5. expected outcome(s)
 6. file format
5. a set of test cases (just a few for now, you will expand later: the goal here is to get the framework up and running) created using your specification
6. a reporting mechanism that fully reports on the execution of each test case in a professional-looking document of type .txt or .html

Report: This is chapter 3 of your project book. Report on your experiences and provide the details produced in the task above. Be ready to demonstrate your framework in class 25.October.2010.

Due: by NOON, 25.October.2010: [team-name]_deliverable3.pdf

Note: As you are building a coherent document with each deliverable as a chapter, you may submit the completed document-to-date with the above-specified name.