

CSE 403 – Spring 2008 Assignment 4 – Zero Feature Release

Due date: Wed April 30, before 10pm, turnin –c cse403 –p zfr

CS Rocks Inc. wants to make sure you are off to a running start with their product development. This assignment proves to them that you have the development infrastructure in place for a successful delivery.

Deliverables

A description of the implementation practices in your team, based on four elements of the Joel Test (<http://www.joelonsoftware.com/articles/fog0000000043.html>) and two elements of the CSRocks test, not covered in earlier deliverables. The list below shows the question for you to address in your description, and suggested artifacts that would clearly indicate how you have addressed the issue. Equivalent artifacts are acceptable, as long as they address the question. Note, do not just provide the artifact; briefly answer the question with the artifact supporting your answer.

1. *Do you use source control? What are you doing for source control management?*

Artifact: A pointer to your source control repository along with a command to run to look at the revision history of several of the major files, as well as the output of such an action, showing revision levels and reasons for several major files.

2. *Do you make daily builds? What are you doing to monitor the daily health of the system?*

Artifact: Description of your process for a clean daily build. Any meaningful output your process generates. This may be the report used to notify the team of the results.

3. *Do you have a bug database? How are you managing the defects in your project?*

Artifact: A set of directions describing briefly how to find your bug-tracking system, and examine the list of current bugs. The CSRocks execs will follow these directions and examine whether the bug tracking system exists, is usable, and is being used. Please provide the execs with accounts and passwords.

4. *Do you have testers? Are you considering testing from the start? How will you automate your tests?*

Artifact: Description of the tools you will use to automate your tests, along with output that early runs of this testing generator produces on your product.

5. *Do you have a skeleton framework in place, showing early progress?*

Artifact: (a) Describe what development toolset is being used. (b) Provide a url to reach the (zero feature) front page of your product. (c) Provide details of how to access the data on the server side of the product (this may be database access commands).

6. *Do you ensure quality software? How do you ensure the software being developed is well written?*

Artifact: A description of how your team has agreed to ensure coding quality. This may be through a style guide, a peer review before checkin, an automated review by Eclipse, etc. Please provide details, and consider how you can document the results in the beta and final release deliverable.

Turnin

One of your team members should turn in all the deliverable material together so that there is one coordinated input for the team. Use the “turnin” script, “**attu% turnin -c cse403 -p zfr <files>**”. Put the team name in the filename of all components submitted, i.e., cool_system_artifacts.tar, cool_system_zfr.doc.