

## CSC 493 Senior Projects

### R12: Report on the Work of Week 12: More Testing

#### *On the structure, format, and purpose of the weekly reports*

Be sure you have read [http://faculty.berea.edu/pearcej/csc493/R\\_OnReports.pdf](http://faculty.berea.edu/pearcej/csc493/R_OnReports.pdf) because you will be expected to follow the guidelines stated there for each weekly report. In particular, each weekly report must be formatted as described there and must include the cover page, the Application Development section, and the Executive section as described there.

#### *Summary of the task for inclusion in the Application Development Section*

This week, you will create a practice demo or demos and you will upload these videos to youtube before class. Here are some demos to give you ideas on how to demo your software:

- Excellent (but long) demo of a screen reader: <http://www.last-child.com/accessibility-and-screen-reader-introduction/>. Note the successful use of the inset in this demo.
- Aside from fairly the irritating music, this is a fine demo of free PhotoScape software: <http://revver.com/video/323771/photoscape-editor/>
- The website on Slides 2 Video software has a whole bunch of effective short video demos: <http://jslideshow.sourceforge.net/>

The style differences in these demos is quite striking. The screen reader demo uses a lot of voice-over while the PhotoScape and Slides 2 demos use no voiceover at all. The screen reader demo uses images of the developer/user while the others do not. The screen reader demo is quite long, while the PhotoScape video is shorter, and the Slides 2 demos are very short. Any of these styles is acceptable. It may be that the software movement is heading toward using many short demos, but this is not yet clear.

#### **Software suggestions and tips for making an effective demo**

- Screencasts and annotations can be done with many different software packages. In Windows, you might consider using Camtasia, which can be installed from our campus network. In Linux, one student recommended <http://www.openshot.org/>. Here is a list of other software you might consider using: <http://blogs.sitepoint.com/2010/02/05/17-screencasting-tools-for-virtual-training/>
- If you are wanting to use music, please remember that you must abide by copyright rules, thus, you may NOT use commercial music. Instead you might consider original music or open source music from Creative Commons: <http://search.creativecommons.org/> (click on the Jamendo tab)
- Here are some tips for making an effective screencast: <http://blogs.sitepoint.com/2010/02/04/tips-for-recording-screencasts/>

#### **As before, you will be submitting:**

- Your plain text document entitled README.txt and the code for all software components (submit all components regardless of whether or not they have changed, but indicating clearly what is new and/or improved) with header-style descriptions in each software component as well as internal documentation through comment lines.
- Your updated Weekly Report in pdf format.

#### *Application Development Section of the Report:*

The Application Section of the report should be divided into the following sections, revising only as needed and clearly indicating any revisions with what was changed and when it was changed.

- **The Project Concept Proposal** (indicate and date all updates)
- **About the Author (or other appropriate name)** (indicate and date all updates)
- **Inspiration** (indicate and date all updates)
- **Vision and Scope** (indicate and date all updates)
- **Software Requirements Specifications** (indicate and date all updates)
- **System Design and Architecture** (indicate and date all updates)  
*Be sure to update your software architecture as you expand the implementation!*
  
- **Implementation** (indicate and date all updates)  
*Be sure to list all submitted files with the README.txt listed first. Briefly describe the correspondence between all of the software components in each file and the related Software Design element of the Software Architecture as well as the date the software component was completed.*
  
- **Known Bugs and Other Issues – in YourProjectName 0.1 beta** (or appropriate name and #)
- **Test Plan and Test Cases**

*Please expand the following section:*

- **Software demo(s)**
  - *Add short explanation(s) and links to your practice demo(s).*
  - *Note that the practice demo(s) MUST be uploaded to youtube (or your favorite appropriate public youtube alternative) before class. However, in youtube you may make your practice demo(s) unlisted. Youtube unlisted videos give you a private URL for the video which won't be in YouTube's search results and it will not appear on the site for people who are just browsing. Essentially it will be hidden from the public. However, the members of the class will have access to the URL because we will be making suggestions on them in class.*
  - *Unlike the practice demo(s), the URL for the final demo will be publically listed on our class website.*

### ***Report Format and Submission:***

Convert the file to a pdf, name the file *yourusername-R12.pdf*, and submit into our course management system in time to meet the stated deadline.