



Final Project

Synopsis

Each of you is required to complete a final project, which will be due on the last day of class, which is December 12. After it is submitted, I will review it and suggest changes to be made. You will present the possibly revised project to the class on the day of the scheduled final exam, December 21, with about a 5 to 10 minute oral presentation. Each of you will submit a detailed preliminary requirements specification no later than November 21. I will review it and give you my comments. If I believe it is either too large in scope or not challenging enough, I will let you know. Once you have my comments you can proceed to implement the project.

The application must be able to run on any of the `cs1labXX` hosts in the 1000G lab. They are running Fedora 14 and have `GTK+-2.0`, version 2.22 on them. You must make sure you can compile and build and run on that platform.

Requirements Specification

This specification is worth 20% of the project grade. It must describe every possible user interaction with the application, and every response by the application to those interactions. It must describe those visual elements that the user interacts with in the application. If you can supply screen-shots or pictures that make it easier to understand, then do so. This document should act like a user manual – it should describe how one would use the application. Your grade depends on the completeness and consistency of this specification.

The preliminary version of this which is due on November 21 does not have to be exhaustive. It should outline what the application will do, what visual elements it will have, and how these elements will be used by a user. If the application will need special files or libraries, this must be detailed.

The project will be graded not just on its functional correctness, but on its visual appearance. For example, if visual elements such as buttons expand when they should not, or if the window resizes poorly, these factors will be weighed into the grade.

Advice

Do not pick a project that is too large to handle in the limited time frame. It is better to do a small thing well than to do a large thing poorly.

Submission

The requirements document should be a PDF. I will not accept Word or OpenOffice documents. Name the preliminary version `final_spec_draft_username.pdf`, and put it in

```
/data/yoda/b/student.accounts/cs493.70/projects/final_project
```

on our file system. You do not have to read-protect it from others.