

Team Members

Jeffrey Luo
Max Zlotskiy

Period

6

Team Name

Maximum Luow

Project Title

Java-based Text & HTML Editor

I. Project Idea

Create a fully functional text editor that can have an HTML viewer on the side.

II. Critical Features

Text editor capabilities:

- Open files in your directory.

III. To be added later Features

Useful properties:

- Save & Save as
- Clipboard features (Cut, copy, paste from window)
- Line numbers, keyboard shortcuts, macros
- Change fonts
- Syntax coloring (for HTML & Java?)

This page does not have the actual prototype, it explains what you need to do. The length of the explanation is not indicative of the length of your prototype.

IV. Development stages:

This is where you Say How you plan to progress adding features, and how you plan on breaking up the tasks. You cannot have two people work on the same parts all the time, most of the time at home, you should be working on different aspects of the project, so try to lay out how you want to break it up into smaller chunks here. This is different per project and you should write at least 4-5 phases so you have goals that you can try to reach. Decide what your minimum functionality phase is. That is your most critical goal because after that point, your project should WORK. WORK means it runs, and does at least what it did in the previous version. It should never be broken by new features. Every time you update your project it should remain in a functional state, or you should comment out the changes. As you develop it, it should work BETTER.

Phase 1 - Basic setup of window (menubar on top and editor below) [FINISHED]

Phase 2 - File controls (in menubar); Setup save, open features. **Minimal text editor features.**

Phase 3 - Add user customizability. Allow for text font, size, indent spacing changings...

Phase 4 - Make editor more practical. Syntax coloring (IMPORTANT), keyboard shortcuts, macros, line numbers...

Phase 5 - HTML suitability. Add HTML visualizer to BorderLayout to view HTML while simultaneously editing the program.

V. Diagrams of features:

- You need AT LEAST 2 diagrams.

- Each Diagram should be a separate page with the typed description below OR on the subsequent page

There should be diagrams to depict different parts of your project. If you only have one screen / phase, then show examples of how the world changes.

For each Diagram:

(This is the only part that doesn't have to be typed)

1-You can draw JUST the world(the black window in netlogo) OR you can draw the world + the interface (buttons).

2-You must draw with a computer or by hand your depiction of your intended project.

3-Circle and Numerically label the parts. Do this in a bright color if you want it to