Sentinel UI Pitch

Omar Ismail

Stephen Palagi

Alyssa Seifert

Josh Tranfaglia

This program's main goal is to make a mutation analysis easier for programmers in the debugging stage of code review. This program is intended to display mutants (code snippets) and the difference between the mutant and the original code, including a code reference for easy access.

We intended to create a python shell script to take in the mutated code, and, using a diffing script, create a CSV file of the results. The user interface will then be capable of displaying the these differences along with a reference to the line number in the actual code.