Lucy Wyman
Nathan Hennig
Andrew Gass
CS 461 McGrath
Project Abstract

1 The Problems

1. Grading assignments for correctness is not a great use of instructor or TA time. Additionally it is very boring.

2. There is often a long delay between when material is taught and when students or instructors get feedback on if students actually understood it.

2 The Solution

1. Create a back-end that can securely run arbitrary code provided by a 3rd party client through integration and unit tests.

2. Create a client CLI front end to allow submission of code to the server and the viewing of test results.

3. Create a web based GUI front end to allow submission of code to the server and the viewing of test results.

4. Create an admin CLI to manage the addition, updating and deleting tests, check on test submissions and results.

5. Create a web based interface to administrate the database it would have similar functionality to the CLI version.

3 Questions