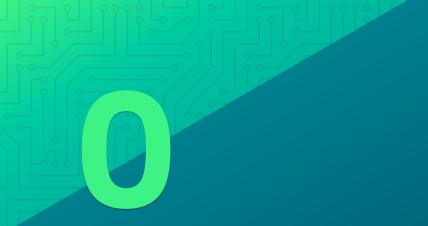
Milestone 6

Task Matrix

Progress of current Milestone:

Task	Completion	Ian	Dylan	Todo
Implement, test, and demo containers for Operating System Concepts and Programming Language Concepts	100%	0%	100%	
Test/demo of the entire system	100%	100%	0%	
Conduct evaluation and analyze results	100%	50%	50%	
Create user/developer manual	100%	90%	10%	
Create demo video	100%	0%	100%	



New Containers

Programming Language Concepts

- Contains tools necessary to compile for different programming languages used in CSE4250
 - C, C++, Ada (gnatmake), Go, Rust, Fortran, Haskell,
 SWI-Prolog

Operating Systems Concepts

- Contains a functional OS/161 system under the ~/os161 directory.
- Comes with the tools required to build OS/161
 - binutils 2.24
 - o gcc 4.8.3
 - o gdb 7.8
 - nmake 2010-12-15
 - mk 2010-06-12

Test Entire System

Getting Tests Working

- Finished test suite
- Fixed all bugs found by test suite
 - Issues with build command
 - Issues with repository upload

Evaluation and Results

User Satisfaction

Based on the user satisfaction survey:

- 2/3rds of Compiler Theory students used our tool to complete the assignments, of which 75% preferred it to the previous solutions.
- Students who used our tool generally found it to be satisfactory.

However, the survey had a low amount of responses, so it may not be representative of the whole class.

Experiments

- Subjects had trouble recalling how to use the jab command line tool.
- Subjects who were able to give answers to questions generally gave correct answers.
- Subjects complained about poor documentation.



User Manual

User Manual Content

- Summary of tool
- Information for students and instructors
- Information on all commands
- Information on custom containers, building, and repositories

Demo Video

Demo Video

- Demonstration of the core features of the program
- Demonstrate use-cases of the program

Lessons Learned

Lessons

- Importance of Communication
- Document Throughout
- Time Management
- Task Prioritization

THANKS!

Any questions?