

#### Testing Process:

- Test Multiply Function
- Test Divide Function
- Test Add Function
- Test Subtract Function
- Test Factorial Function

#### Requirements Traceability:

- Test script for each function
- Output files for each script

#### Tested Items:

- Test to see if multiply by zero produces a zero output
- Test to see if divide by zero generates an error
- Test to see if add zero produces the other number provided
- Test to see if subtract zero produces the other number provided
- Test to see if one factorial produces one

#### Testing Schedule:

- Test all functions by November 24, start with multiply for first round, then divide, then add, then subtract, ending in factorial functions

#### Test Recording Procedures:

- All test results will be piped to text files in a dedicated output folder.

#### Hardware Requirements:

- A computer that can handle linux/ubuntu

#### Software Requirements:

- Linux/Ubuntu, SugarLabs, Python, Bash

#### Constraints:

- Time constraint: Deadline November 24

#### System Tests:

- Test all basic functions of calculate, including the following:
  - multiply
  - add
  - subtract
  - divide
  - factorial