

Release Plan
Coding to End Coding
Team CTEC
Release 1.0
July 24th
Rev 1/June 27th

High Level Goals:

- Be able to construct a flowchart of script logic using an abstract drag-and-drop interface.
- Be able to turn a completed flowchart into a script in the selected scripting language.
- Act as a framework that can be extended easily with more blocks and output languages.

User Stories for Release:

- Sprint 1
 - (8 points) Spike JFX?
 - (8 points) As a user I need a GUI to see what the program is doing.
 - (8 points) As a user I need to be able to convert the flowchart into a Bash script.
 - (5 points) As a user I need to be able to add a simple block to the flowchart.
- Sprint 2
 - (5 points) As a user I need a sidebar with available commands so that I can add them to the flowchart.
 - (13 points) As a user I need to be able to drag-and-drop to manipulate the flowchart.
 - (2 points) As a user I need to be able to reorder (move) command blocks
 - (5 points) As a user I need to be able to delete command blocks
 - (3 points) As a user I need to be able to scroll to see the entire flowchart.
 - (8 points) As a user I need to be able to save and reload a flowchart.
 - (5 points) As a user I need tooltips to understand the commands on the sidebar.
 - (8 points) As a developer I need to be able to add different blocks to the sidebar from external files.
- Sprint 3
 - (3 points) As a user I need to be able to pass text input into the blocks
 - (1 points) As a user I need a wiki so I understand the scope of the program and how to use it.
 - (5 points) As a user I need a suite of simple blocks to use
 - (8 points) As a user I need complex blocks such as conditionals to write robust scripts

Product Backlog:

- (3 points) As a user I need to be able to execute the script I created.
- As a user I need to be able to slot objects into command spaces.
- As a technical user I need to be able to create custom code blocks so that I can create scripts outside the scope of the program.

- As a user I need to be able to create command blocks that point to objects (e.g. external scripts, files, or other programs) within my computer.
- As a user I want to be able to specify absolute or relative files and paths.
- As an advanced user I want to be able to define options for my blocks (e.g. ls -ah)