Sprint 2 Plan, Coding to End Code

Sprint 1 Plan
Coding to End Code
CTEC Team
Sprint Completion Date: July 3
Rev 1/June 26

Goal: Sprint 2 is add functionality to the GUI

Task Listing:

User Story 1: As a user I need a sidebar with available commands so that I can add them to the flowchart.
Task 1: Turn interpreter hashtable into ArrayList
Task 2: Pass ArrayList to GUI
Task 3: Populate VBox of command blocks in GUI from ArrayList
Total for user story 1: 5

User Story 2: As a user I need to be able to drag-and-drop to manipulate the flowchart.
Task 1: Spike: UI theming
Task 2: Create the animation for moving the block from source to destination
Task 3: When hovering a spot in the script the blocks should shift to make space for the new block
Task 4: when inserted, the block should call the ScriptStruct.insert() function
Total for user story 3: 13

User Story 3: As a user I need to be able to reorder (move) command blocks
Task 1: Drag and drop should be implemented for blocks in the list as well as on the sidebar
Task 2: Call backend member functions correctly
Total for user story 3: 2

User Story 4: As a user I need to be able to delete command blocks
Task 1: Implement a menu for actions on right clicking to select blocks
Task 2: Allow a user to select multiple blocks and use the delete key to delete them.
Total for user story 4: 5

User Story 5: As a user I need to be able to scroll to see the entire flowchart.
Task 1: Implement scrolling in workspace
Total for user story 5: 3

User Story 6: As a user I need to be able to save and reload a flowchart.
Task 1: Spike: serialized saves in Java
Task 2: populate canvas based on reloaded list
Total for user story 6: 8

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User Story 7: As a user I need tooltips to understand the commands on the sidebar.
Task 1: Spike: create a hover event for command blocks in the side bar
Task 2: Display tooltips
Total for user story 7: 5

User Story 8: As a developer I need to be able to add different blocks to the sidebar from external files.
Task 1: Specify template for text command files
- Comments
- Interpreter / path
- Command / arguments / flags
- Tooltips
- Delimiter

Task 2: Load commands from text file
Task 3: Convert each text entry to a Command
Task 4: User-level documentation for template (text file) formatting
Total for user story 8: 8

Team Roles:
Rory Landau: Product Owner {Developer}
Thomas Applewhite: Developer
Max Nibler: Developer
Wil Johnson: Developer, Scrum Master

Initial Task Assignment:
Rory Landau: User Story 5, Task 1
Thomas Applewhite: User Story 2, Task 2
Max Nibler: User Story 1, Task 2
Wil Johnson: User Story 1, Task 1

Initial burnup chart:
https://www.vivifyscrum.com/
A graph giving the initial burnup chart for this sprint and is labeled as such with sprint number and project name and is located in the lab.

Scrum times:
Monday 6pm-7pm
Wednesday 5pm-6pm
Saturday 1pm-3pm