

Sprint 1 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 1 is focused on learning Java FX and starting to build the GUI. This will include the construction of test commands and objects that can be expanded in a later sprint.

Task Listing:

Spike: Learn Java FX {key}

Task 1: Make a button

Task 2: Set up window

Task 3: Event Listener

Task 4: Text window/input

User Story 1: As a user I need a GUI to render the program framework.

{*Task 1:* On program load, create a blank canvas 2 hrs.}

{*Task 2:* Create start and end markers (initially linked) 3 hrs.}

Task 3: Create export button 3 hrs.

Total for user story 1: 8 hrs.

User Story 2: As a user I need to be able to click and add the test block.

Task 1: Represent flowchart as an array list 5 hrs.

~~*Task 2:* User input creates an event (click to add a block) 2 hrs.~~

Task 3: Listen for that event and create a command block 2 hrs.

Task 4: Listen for that event, append an object to the AL list and move the end marker to the new list end 1 hrs.

Total for user story 2: 408 hrs.

User Story 3: As a user I need to be able to convert the flowchart into a Bash script

Task 1: Open (and close) an output file for writing with correct permissions 1 hrs.

Task 2: For each item in AL list print its Bash syntax to output file 3 hrs.

Task 3: Create event listener for export button 1 hrs.

Total for user story 3: 5 hrs.

User Story 4: As a user I need a sidebar with available commands so that I can add them to the flowchart.

Task 1:

Task 2:

Total for user story 4:

Team Roles:

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Rory Landau: Product Owner {Developer}

Thomas Applewhite: SCRUM Master {Developer}

Max Nibler: Developer

Wil Johnson: Developer

Initial Task Assignment:

Rory Landau: User Story 2, Task 1

Thomas Applewhite: User Story 1, Task 1

Max Nibler: User Story 2, Task 2

Wil Johnson: User Story 1, Task 2

Initial burnup chart:

<https://www.vivifyscrum.com/>

Initial scrum board:

<https://www.vivifyscrum.com/>

Scrum times:

Monday 6pm-7pm

Wednesday 5pm-6pm

Saturday 1pm-3pm