

Sprint 1 Plan

Heading:

Product Name, Team Name: Axon

Sprint completion date: Tuesday, October 22, 2024

Revision #1, Revision Date: Monday October 21, 2024

Goal

Figure out what languages we'll use. Be able to create a blank canvas and plot points on it.

Task Listing

User story 1: As a user, I want to be able to visualize my thoughts as a mind map because I can connect my ideas graphically (15)

- Task 1: Implement an infinite canvas (1)
- Task 2: Implement the ability to place nodes on the screen (2)
- Task 3: Be able to move across the screen by dragging the cursor (1)
- Task 4: edit text to each node and style the box to adjust based on text size (3)
- Task 5: implement menu for deleting and editing the shape of the node (radial menu implementation for circle and rectangular menu implementation for rectangle) (5)
- Task 6: Make dark mode (3)

User story 2: As a user I want to naturally organize my visualizations with a clear hierarchy that suits my needs (10)

- Task 1: Implement a default edge between two nodes (1)
- Task 2: be able to delete edges and nodes (3)
- Task 3: be able to move around the nodes (1)
- Task 4: have additional handles across the box to facilitate more edge adding (3)
- Task 5: increase the size of the handle selection area (without making it visually bigger) (2)

User story 3: As a user, I want to be able to see instructions on how to click and delete nodes and arrows right as I load the browser. (5)

- Task 1: Make pop up menu with application controls that appears when you load the browser (5)

Team Roles

Sakshi: Product Owner, Developer

Umair: Scrum Master, Developer

Prasiddh: Developer

Nikolas: Developer

Emma: Developer

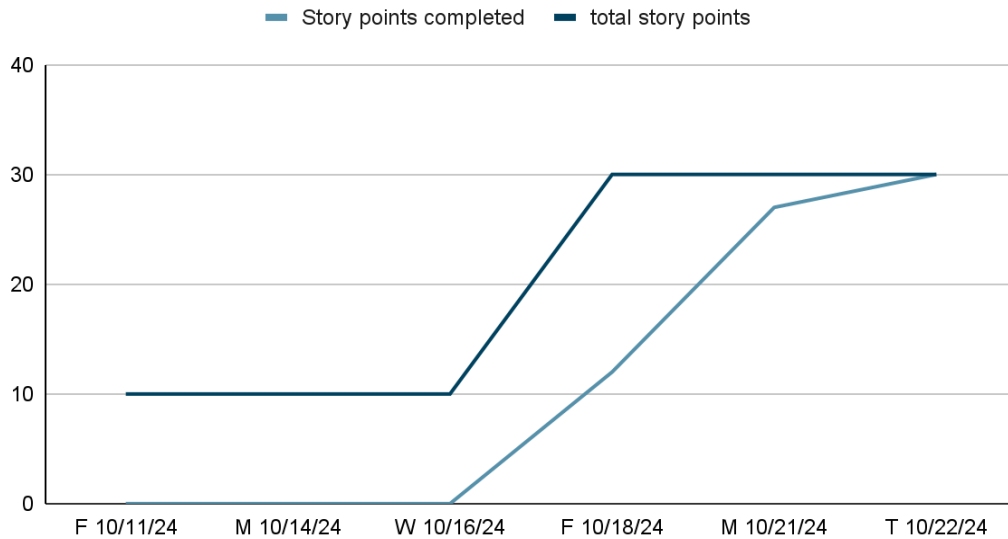
Initial Task Assignment

Can be found on the scrum board (<https://github.com/orgs/Axon-115A/projects/1/views/1>)

Sakshi: Increase the size of the handle selection area
Umair: Create canvas and default functionality using ReactFlow
Prasiddh: Context menu for node
Nikolas: Pop up instruction window
Emma: Style text box to correspond to text size

Initial burnup chart

Axon - Sprint 1



Initial Scrum Board (<https://github.com/orgs/Axon-115A/projects/1/views/1>)

The Scrum Board is organized into four columns, each with a header and a description of the column's purpose.

- User Stories** (3 items, Estimate: 30):
 - Draft: 1. As a user, I want to be able to visualize my thoughts as nodes so that I can easily plot ideas or concepts (15)
 - Draft: 2. As a user, I want to be able to create visualizations that let me connect my ideas graphically so that I can explore the relationship between various nodes. This includes the ability to move them around (10)
 - Draft: 3. As a user, I want to be able to see instructions on how to click and delete nodes and arrows right as I load the browser. (5)
- Task not started** (12 / 5 items, Estimate: 30):
 - 1.1: Implement an infinite canvas (1)
 - 1.2: Implement the ability to place nodes on the screen (2)
 - 1.3: Be able to move across the screen by dragging the cursor (1)
 - 1.4: edit text to each node and style the box to adjust based on text size (3)
 - 1.5 implement menu for deleting and editing the shape of the node (radial menu implementation for circle and rectangular menu implementation for rectangle) (3)
 - 5 (5)
 - 1.6: dark mode (3)
 - 2.1: Implement a default arrow between two nodes (1)
 - 2.2: be able to delete arrows and nodes (3)
 - 2.3: be able to move around the nodes (1)
 - 2.4 have additional handles across the box to facilitate more edge adding (3)
- Tasks in Progress** (0 / 5 items, Estimate: 0):

This is actively being worked on
- Tasks completed** (0 items, Estimate: 0):

This has been completed

The bottom section of the board shows the continuation of the tasks in the 'Task not started' column:

- 2.5 increase the size of the handle selection area (without making it visually bigger) (2)
- 3.1 add pop up instruction window (5)

Each column has a '+ Add item' button at the bottom.

Scrum Times

- October 11
- October 14 (TA meeting)
- October 16
- October 18
- October 21 (TA meeting)
- October 22