

Sprint 3 Plan

Heading:

Product Name, Team Name: Axon

Sprint completion date: Tuesday, November 19, 2024

Revision #1, Revision Date: Wednesday, November 6, 2024

Goal

Implement a database to save the state of the canvas and integrate it with user authentication. We also want to implement a file system display that shows all the nodes created, and implement a search functionality using the file system. It would also be useful to have Markdown functionality on the notes.

Task Listing

User story 1: As a user, I want to be able to save the state of my notes so I can refer to them anytime on any device. (20)

- Task 1: Tie user identity to the state of their notes (integrate with authentication) (6)
- Task 2: Implement a way to store nodes and the content within them, this includes any customizations. (8)
- Task 3: Implement a way to store the edges between nodes. (6)

User story 2: As a user, I want to be able to see an organized list of nodes at a glance so that I can quickly find the information that I need. (8)

- Task 1: Implement a window that lists all nodes (4)
- Task 2: Click on a node in the list to jump to it in the graph view (2)
- Task 3: Make list collapsible (2)

User story 3: As a user I want to have Markdown support to be able to customize my notes by adding things like headings, subheadings, etc. (8)

- Spike 1: Find a suitable Markdown rendering library
- Task 1: Allow for markdown rendering in the notes window (8)

User story 4: As a user, I want the ability to customize node color and edge type to make connections in a way that makes sense to me. (23)

- Task 1: Add a toolbar option with icons representing editable features for node (8)
- Task 2: Add option that enables the ability to change the node's color. Three main colors and an additional color wheel option. (4)
- Task 3: Have default color options that the user can choose. (3)
- Task 4: Add a toolbar option for customizing edges (8)

Team Roles

Sakshi: Product Owner, Developer

Prasiddh: Developer

Umair: Developer

Nikolas: Scrum Master, Developer
Emma: Developer

Initial Task Assignment

Can be found on the scrum board (<https://github.com/orgs/Axon-115A/projects/7>)

Sakshi: Add toolbar option for customizing edges and come up with a color scheme

Umair: Implement search that parses through node labels and note data

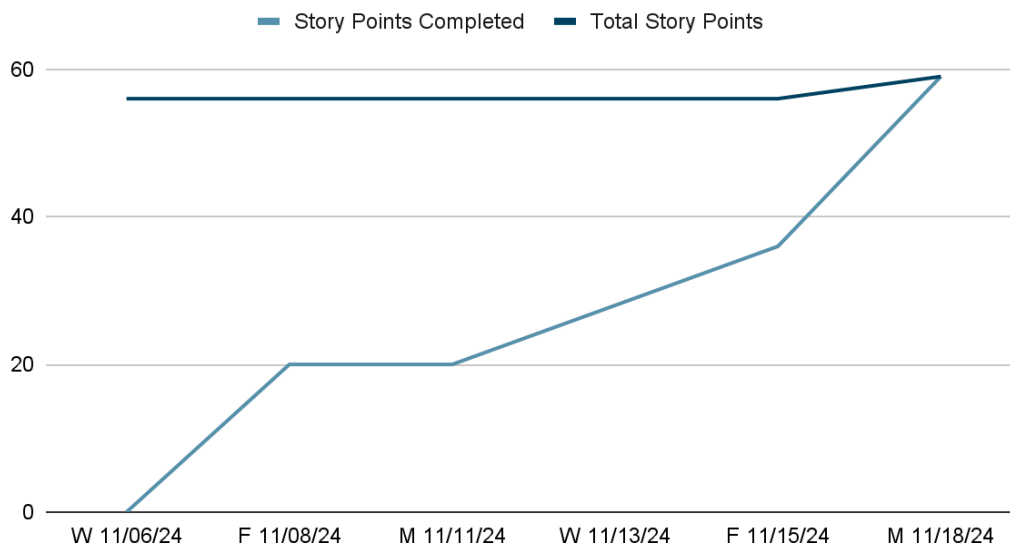
Prasiddh: Get database working (use authentication to store user data)

Nikolas: Add toolbar option for customizing nodes

Emma: Find out how to integrate a markdown library for note customization

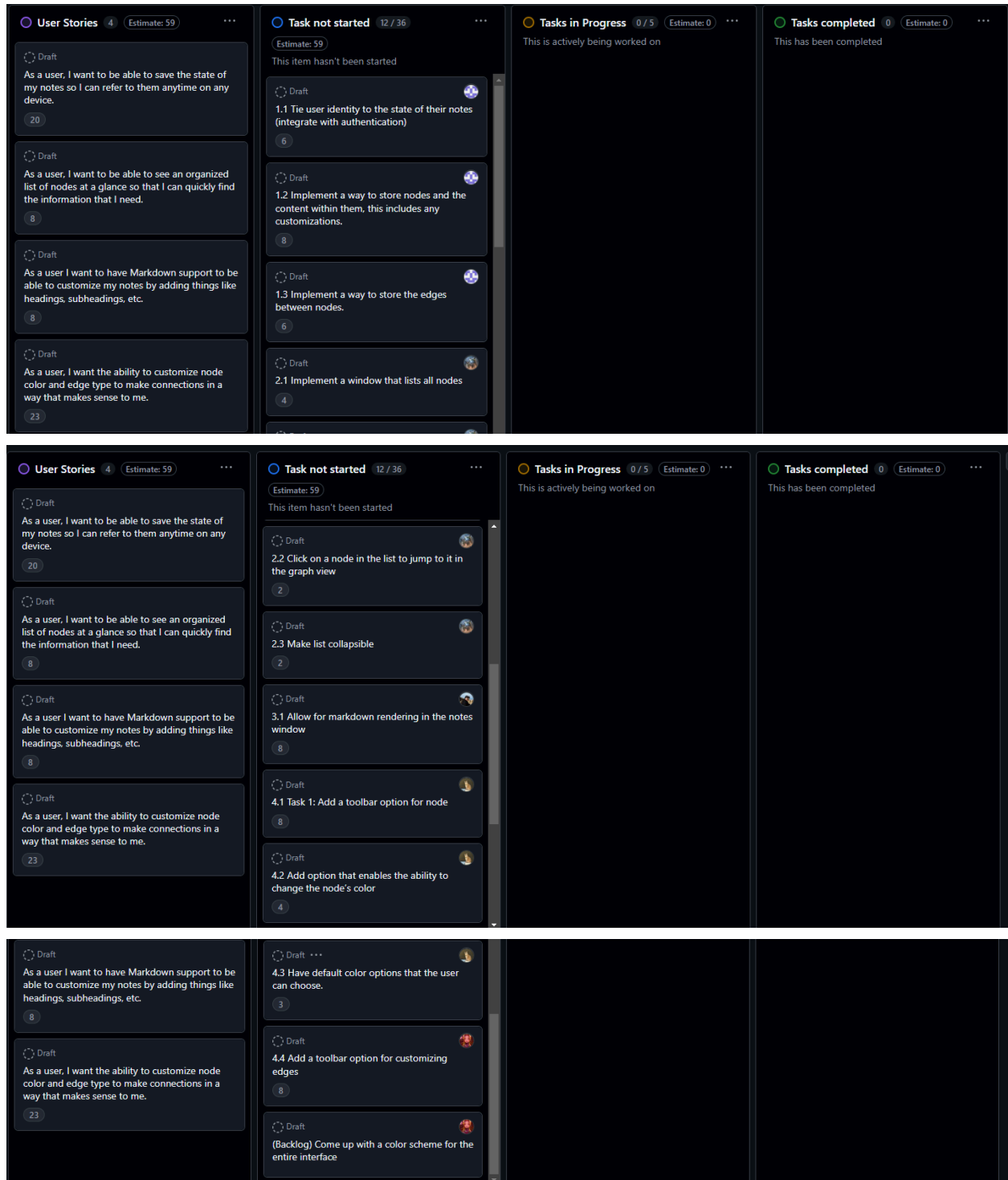
Initial burnup chart

Points scored



Initial Scrum Board

<https://github.com/orgs/Axon-115A/projects/7>



Scrum Times

- Wednesday November 06

- Friday November 08
- Monday November 11 (TA Meeting)
- Wednesday November 13
- Friday November 15
- Monday November 18 (TA Meeting)