

Release Plan

Heading:

Product Name, Team Name: Axon

Release Name: Axon 1.0

Release Date: Wednesday, December 04, 2024

Revision #4, Revision date: Tuesday, December 03, 2024

High Level Goals

This mind mapping tool will allow you to plot nodes on a blank screen and map relationships between various nodes to show connections. We're aiming for flexibility and simplicity for the end users, which comprises learners that need to experiment with different relational structures to see what makes the most sense for them.

- Be able to create and connect nodes.
- Be able to move around nodes.
- Be able to click on the node to reveal a bigger text block in a side window.
- Basic user management like saving and collaboration.

User stories defining the scope of the release

- Sprint 1
 - User Story 1.1: 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 1.2: As a user I want to naturally organize my visualizations with a clear hierarchy that suits my needs (10)
 - Task 1: be able to delete arrows and nodes (3)
 - Task 2: be able to move around the nodes (1)
 - Task 3: have additional handles across the box to facilitate more arrow adding (3)
 - User Story 1.3: 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)
- Sprint 2
 - User Story 2.1: As a user, I want to be able to see the information that each node

- represents in a pop out window. (5)
 - Task 1: Let a panel appear in the corner of the screen when a node is clicked that lets you edit the data associated with that node.
 - User Story 2.2: As a user, I want to be able to save the state of my notes so I can refer to them after closing the window (13)
 - Add a database to store mindmap info
 - Backlog User Story 6: As a user, I want to be able to completely clear my canvas quickly. (3)
- Sprint 3
 - User Story 2.3 Continued (3.1): As a user, I want to be able to save the state of my notes so I can refer to them after closing the window (13)
 - Add a database to store mindmap info
 - User Story 3.2: As a user, I want to be able to search within my mind map so that I can quickly find specific nodes or information. (8)
 - see a list of all nodes on the side to have better clarity about all the various topics.
 - Also illustrate the various dependencies in the list.
 - User Story 3.3: As a user I want to have Markdown support to be able to make headings, subheadings, etc. (8)
 - User story 3.4: 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)
- Sprint 4:
 - User Story 4.1: As a user, I want to attach text, files, or links to nodes so that I can include additional resources and context. (8)
 - Start with texts (and hyperlinks)
 - Files
 - User Story 4.2: As a user, I want to be able to work together with others because collaboration leads to more effective learning. (11)
 - Have users log in to other boards (view-only) (3)
 - Manage concurrency (8)
 - User story 4.3: As a user, I want to toggle between expanding and minimizing my notes so that I can focus on the background content when needed. (6)
 - User story 4.4: As a user, I want to distinguish between nodes and edges using colors and shapes by having comprehensive editing tools. (36)
 - Backlog User Story 7: As a user, I'd like to theme the board to suit my needs. (3)
 - Have toggle between dark mode and right mode

Product backlog

- Backlog User Story 1: As a user, I want to access my files on a web browser, desktop app, and mobile. (29)
 - Browser (5)
 - Desktop app (3)
 - Mobile apps (21)
- Backlog User Story 2: As a user, I want to be able to directly draw on the screen because it will add flexibility. (5)
- Backlog User Story 3: As a user, I want to export my mind map in various formats (e.g., PDF, image, text outline) so that I can share or present it easily. (5)

- Backlog User Story 4: As a user, I want AI suggestions for my entries.
- Backlog User Story 5: As a user, I'd like to have a clear way of adding nodes, for example, by using a button (Global add node function)(3)