Test Plan and Report

Heading:
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System Test scenarios:

User Story 1: As a user, I want to be able to visualize my thoughts as nodes so that I can easily plot ideas or concepts, as well as to be able to create visualizations that let me connect my ideas graphically.

Scenario 1: Create a node on the canvas (Pass)

1. Double click on the canvas
2. User should see that a node has appeared

User Story 2: As a user, I want to store detailed information within each node.

Scenario 1: Store notes in a node (Pass)

1. Double click on the canvas to place down a node
2. Left click on the node once to select it
3. A note window should appear in the bottom right corner
4. Enter a sentence (such as “the quick brown fox jumps over the lazy dog”)
5. Click the “X” icon to close the note window
6. Left click the node again
7. User should see “the quick brown fox jumps over the lazy dog” still in the note window

User Story 3: 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.

Scenario 1: Create an account, create a graph, then log out and log in again to confirm graph loads (Pass)

1. Click “Log In” in the top right corner
2. Enter an email (urizwan@ucsc.edu) in the email field
3. Enter a password in the password field (“Password1234”)
4. Create a graph that shows off all features
    a. Double click the canvas to place down a node
    b. Right click node, select the color wheel, and change the color to yellow. Hit confirm.

    c. Right click node, click the rename button, enter “CSE 115A” as the node name, and hit confirm.
    d. Double click the canvas to place down a second node
    e. Right click that node, and click the shape button to turn it into a circle.
    f. Move the mouse cursor over the “CSE 115A” node’s handle.
    g. Click and drag to the circle node’s handle to place an edge.
5. Click log out.
6. Click log in.
7. Sign in with email (urizwan@ucsc.edu) and password (Password1234).
8. Users should see the same graph in the same position.

User Story 4: 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.

Scenario 1: Place down nodes and confirm they appear in the node list (Pass)

1. Click the “All Nodes” dropdown in the top left to expand it
2. Double click the canvas to place down a node.
3. User should see that the node appears in the list.
4. Move mouse cursor over the node name in the list and left click.
5. User should see that the viewport zooms in on the node.

User Story 5: 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.

Scenario 1: Customize node color (Pass)

1. Double click the canvas and place down a node.
2. Right click the node and click the color wheel
3. Select any color, and click confirm
4. User should see that the node changes color

Scenario 2: Customize node shape (Pass)

1. Double click the canvas and place down a node.
2. Right click the node and click the shape change button
3. User should see that the shape of the node changes to a circle instead of a rectangle

Scenario 3: Customize node label (Pass)

1. Double click the canvas and place down a node.
2. Right click the node and click the rename button
3. Enter in a string (“CSE 115A”) and click confirm
4. User should see that the label of the node now shows “CSE 115A”

Scenario 4: Customize edge label (Pass)

1. Double click the canvas to place down a node
2. Double click the canvas to place down a second node
3. Click and drag from the first node's handle to the second node's handle to create an edge between the two
4. Right click the edge and click the rename button
5. Enter in a string (such as "CSE 115A") and click confirm
6. User should see that the edge is now labeled "CSE 115A"

Scenario 5: Customize edge thickness (Pass)

1. Double click the canvas to place down a node
2. Double click the canvas to place down a second node
3. Click and drag from the first node's handle to the second node's handle to create an edge between the two
4. Right click the edge and click the thickness button
5. User should see that the edge is now thick