



GPLAN

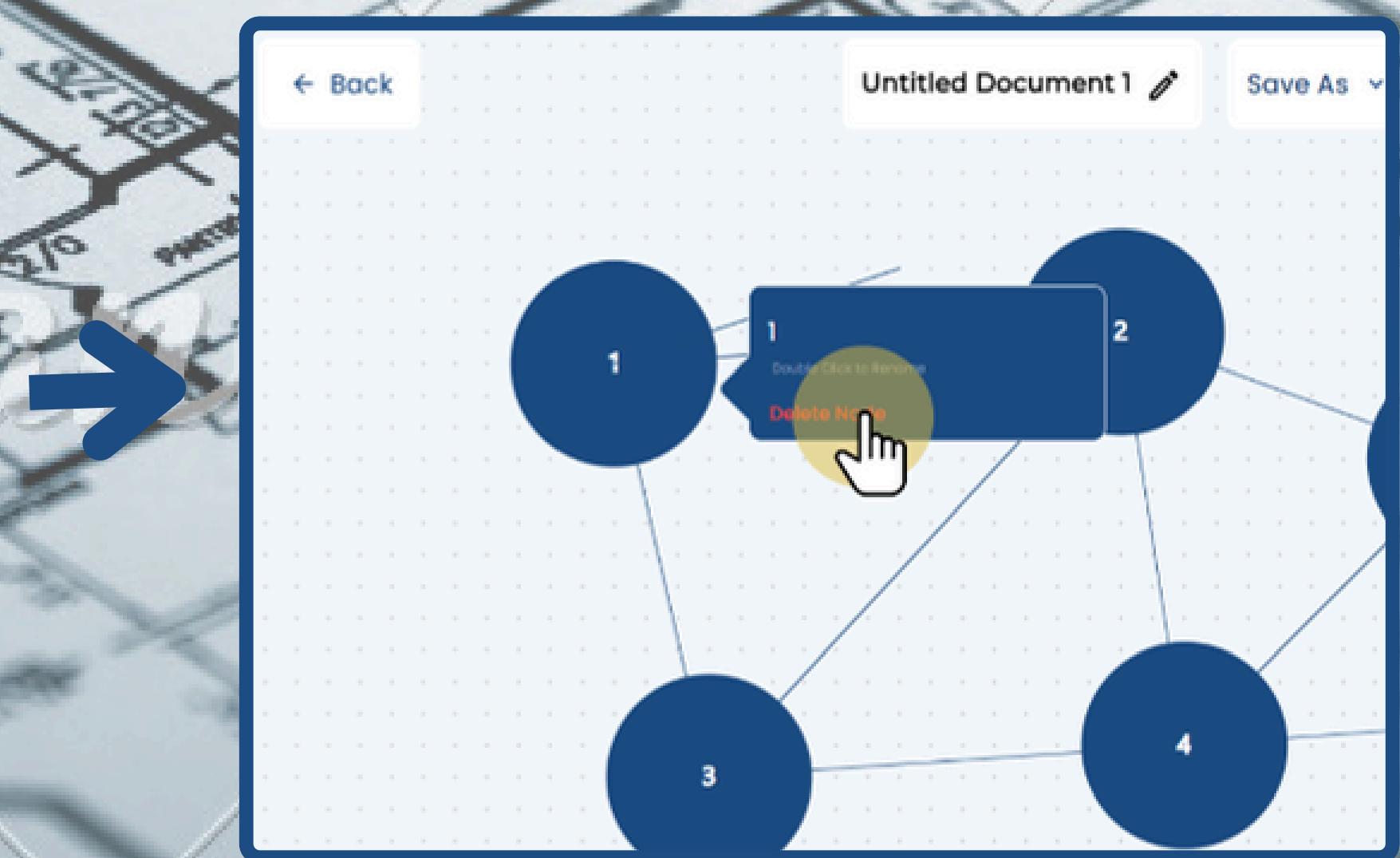
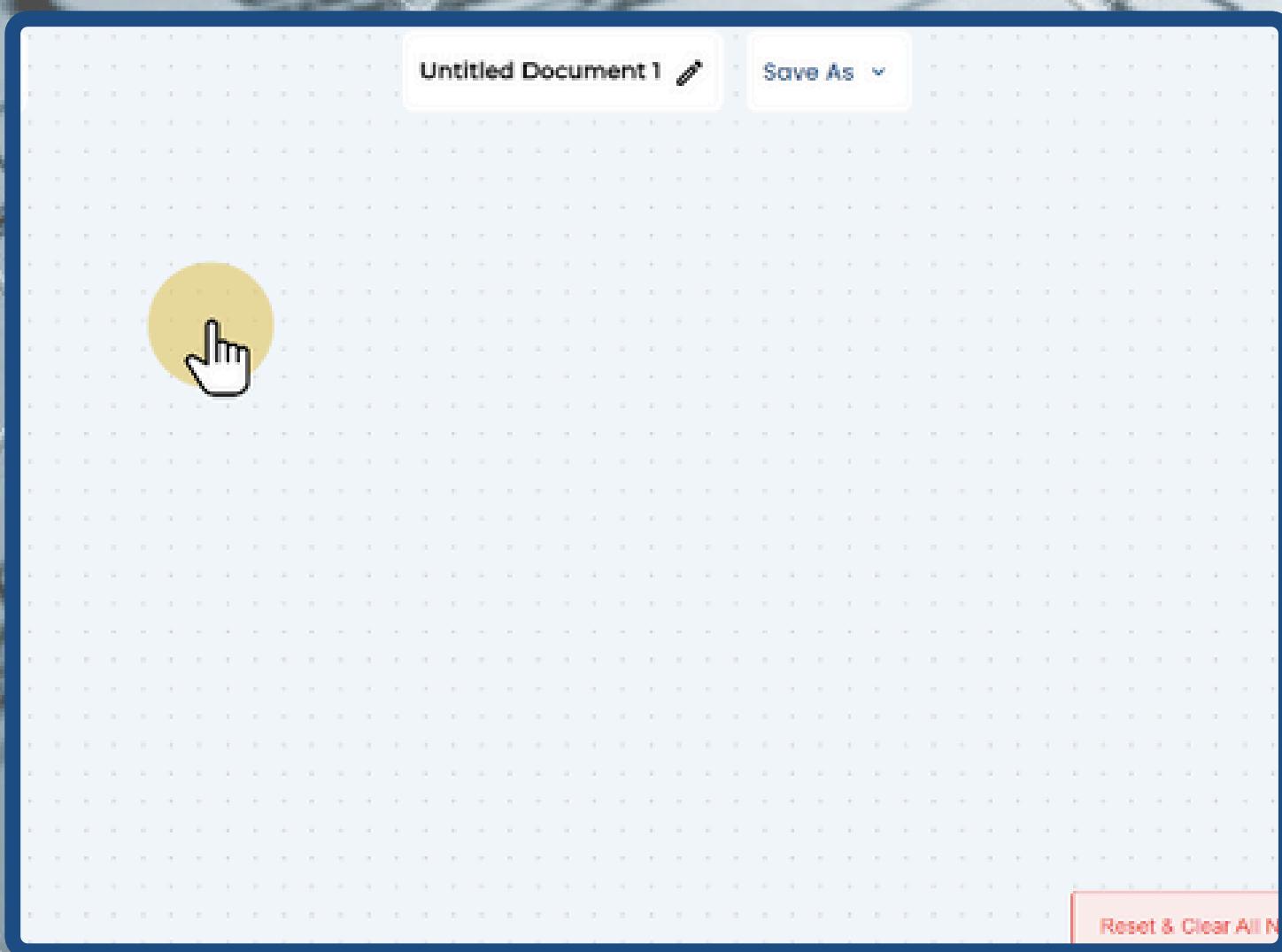
REDEFINING ARCHITECTURE

USER MANUAL



DRAWING A GRAPH

Creating and naming the nodes of a graph (a node corresponds to a room in a Floorplan).



01

**Double click anywhere on the
canvas to add a node**

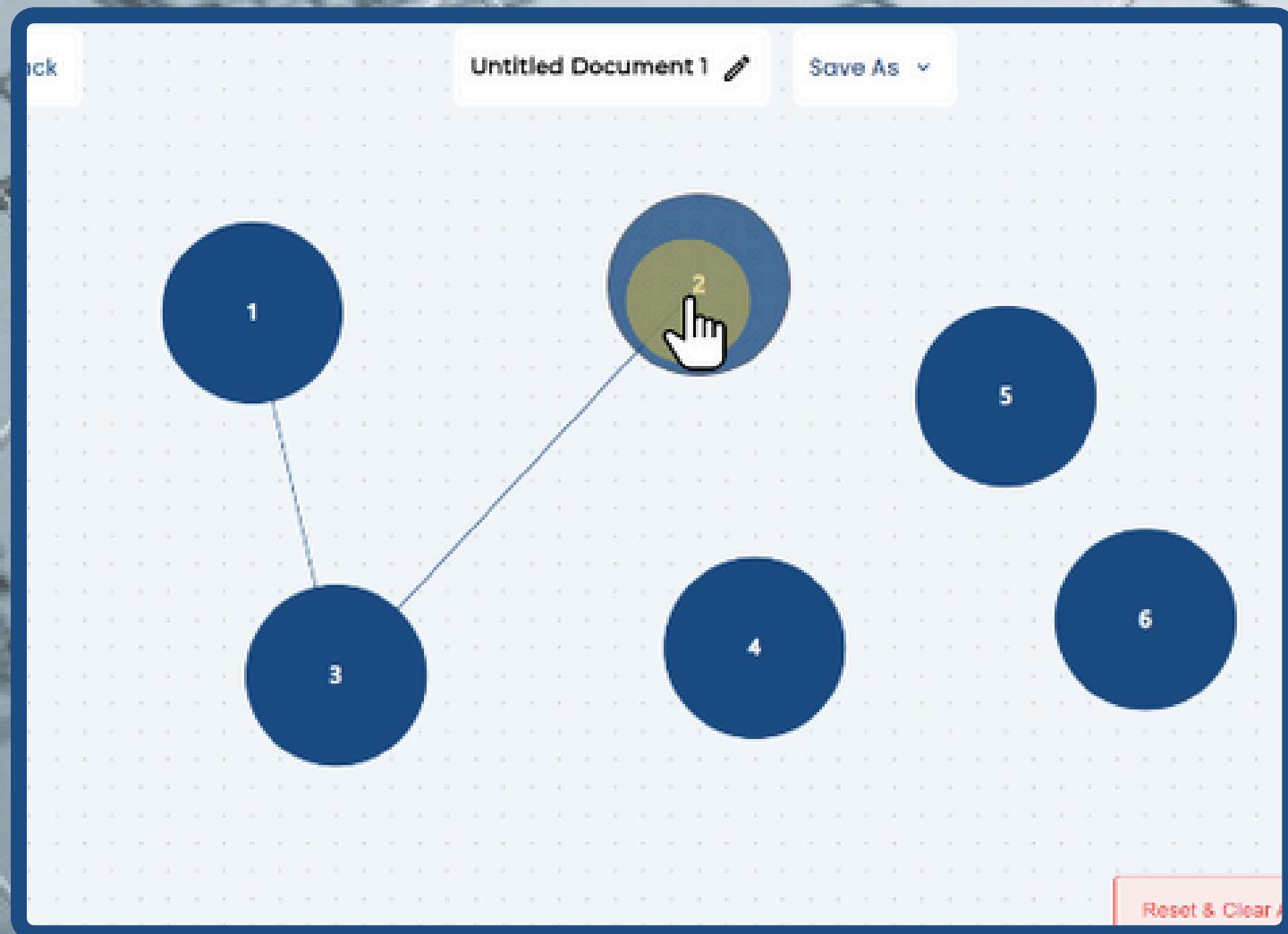
02

**Double click on a node
to enter its name**



ADDING & REMOVING EDGES

An **edge between two nodes or connecting two nodes means that you prefer the corresponding rooms to be adjacent (next to each other) in the floor plan**

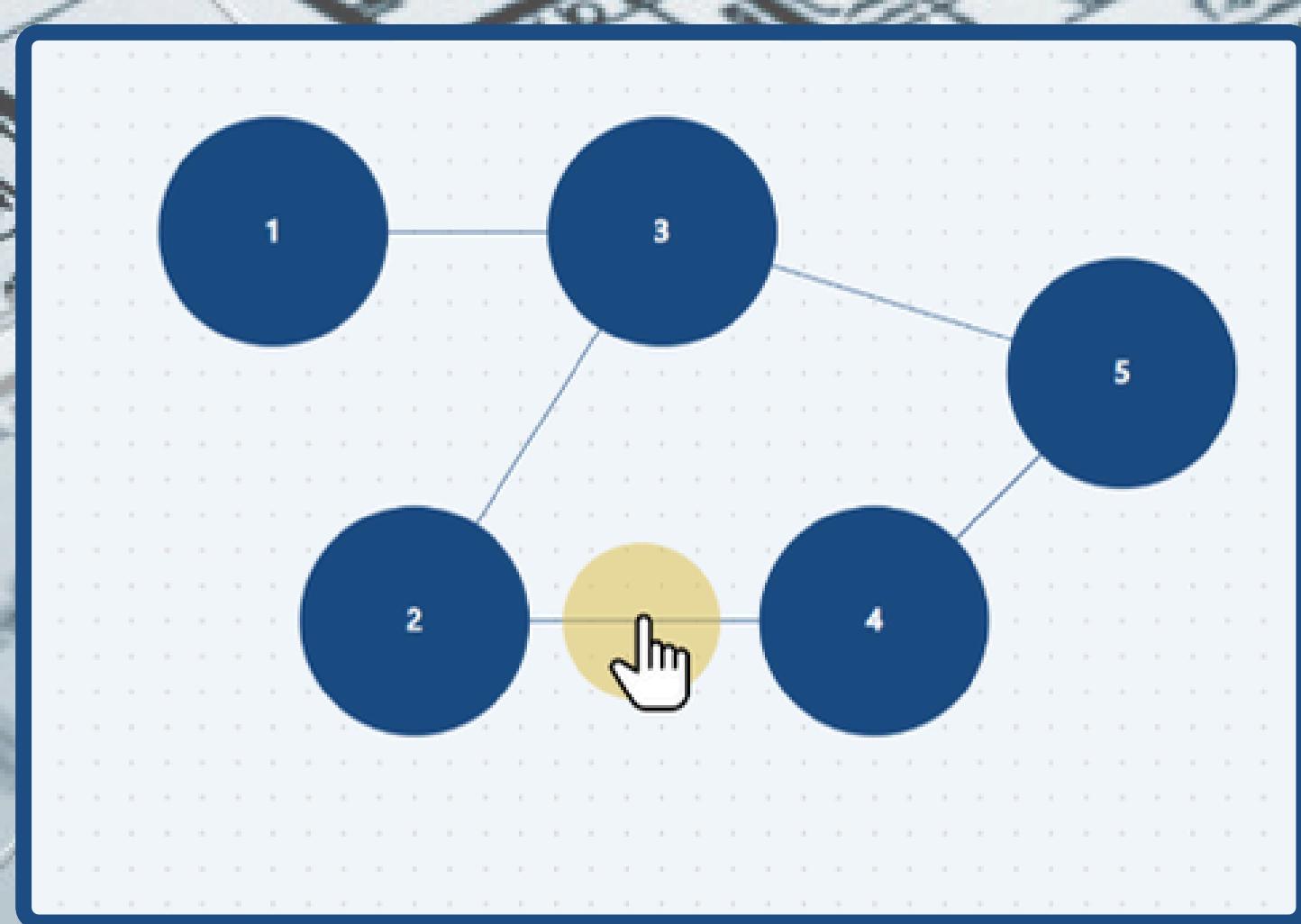


01

Click on any node, drag and drop on another node to add an edge

02

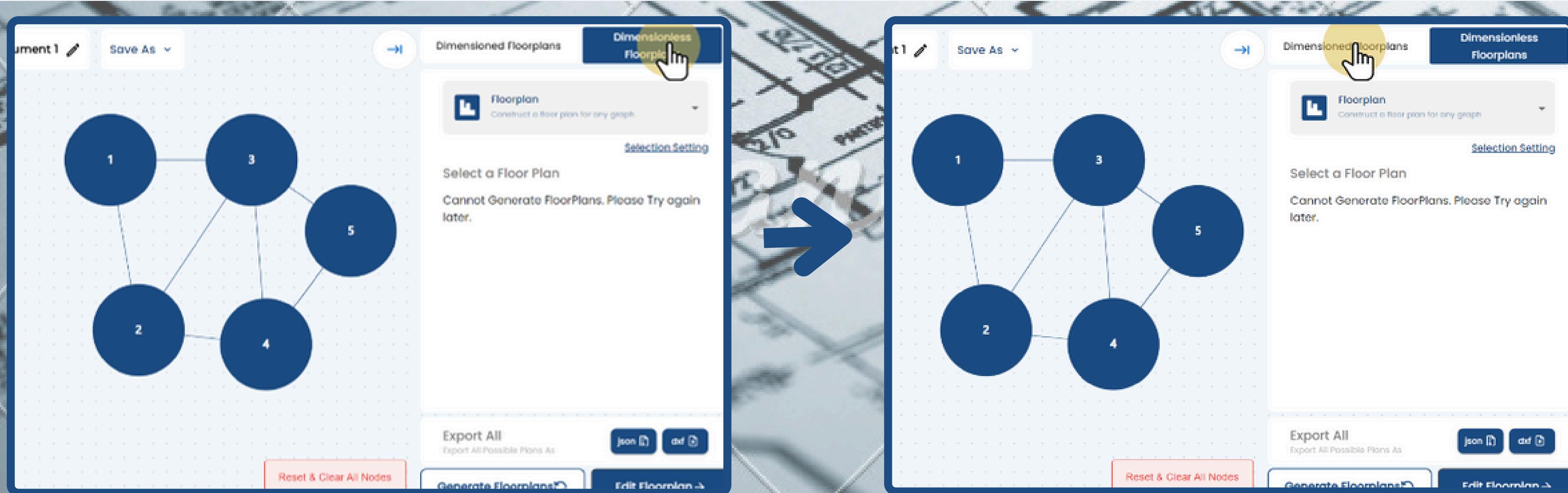
Hover over the edge and click when it turns to a pointer to remove an edge





CHOOSE TO ADD DIMENSIONS

Now that you've made your graph, choose if you want to give dimensions to each room or work without dimensions and see just the placement.



01

By default, Dimensionless Floorplans is selected.

02

If you wish to add dimensions to each node, click on Dimensioned Floorplans



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CHOOSE YOUR PLOT SHAPE

The screenshot shows a software interface for creating floorplans. On the left, there is a graph of five nodes (1, 2, 3, 4, 5) connected by lines. The top navigation bar has tabs for "Dimensioned Floorplans" and "Dimensionless Floorplans". A dropdown menu is open under "Dimensionless Floorplans", showing the "Floorplan" option with a yellow circle and a hand cursor over it. Below the dropdown, there is a section titled "Select a Floor Plan" with four small grid icons. At the bottom of the interface are buttons for "Reset & Clear All Nodes", "Generate Floorplans", and "Edit Floorplan".

This screenshot shows the same software interface as the first one, but with a different selection. The "Floorplan" option in the dropdown is now highlighted with a yellow circle and a hand cursor. The other options in the dropdown are "Rectangular Floorplan" and "L Shape". The rest of the interface, including the graph, navigation bar, and bottom buttons, remains the same.

01

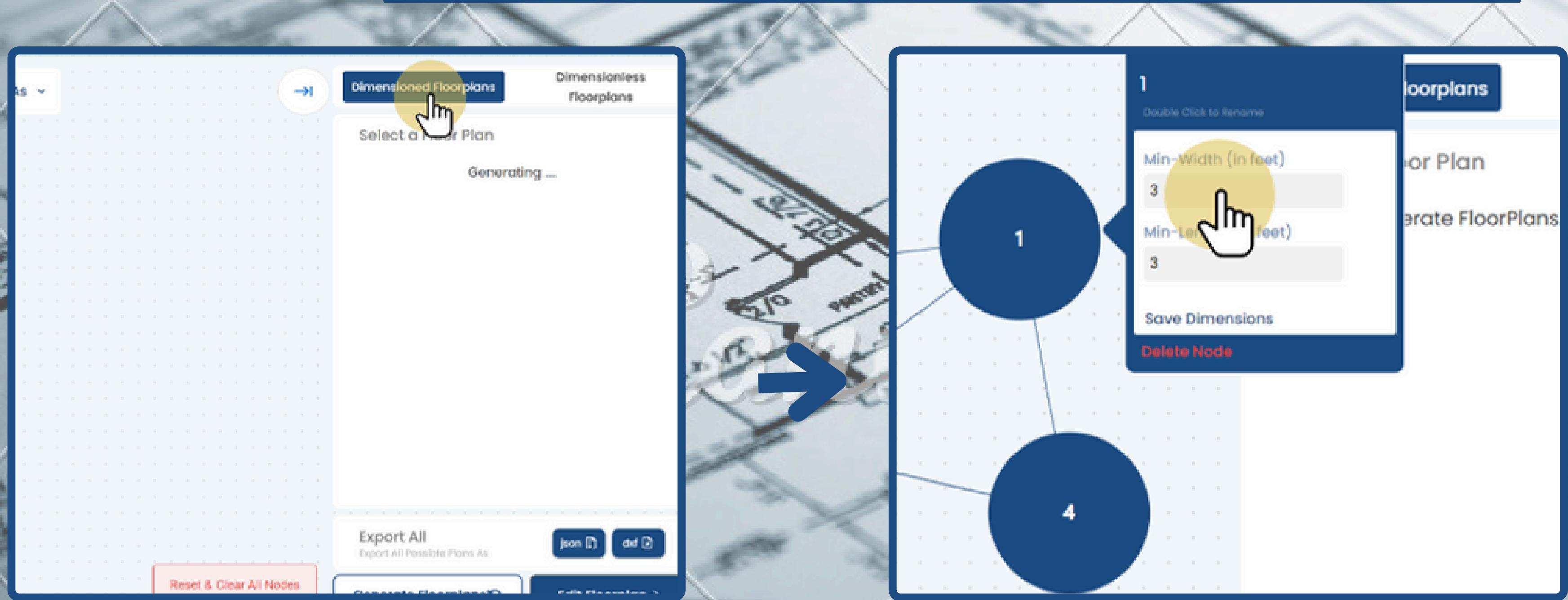
For Dimensionless Floorplans, click on the drop-down menu of Floorplan

02

Select either **Floorplan** or **Rectangular Floorplan**



ADDING DIMENSIONS



01

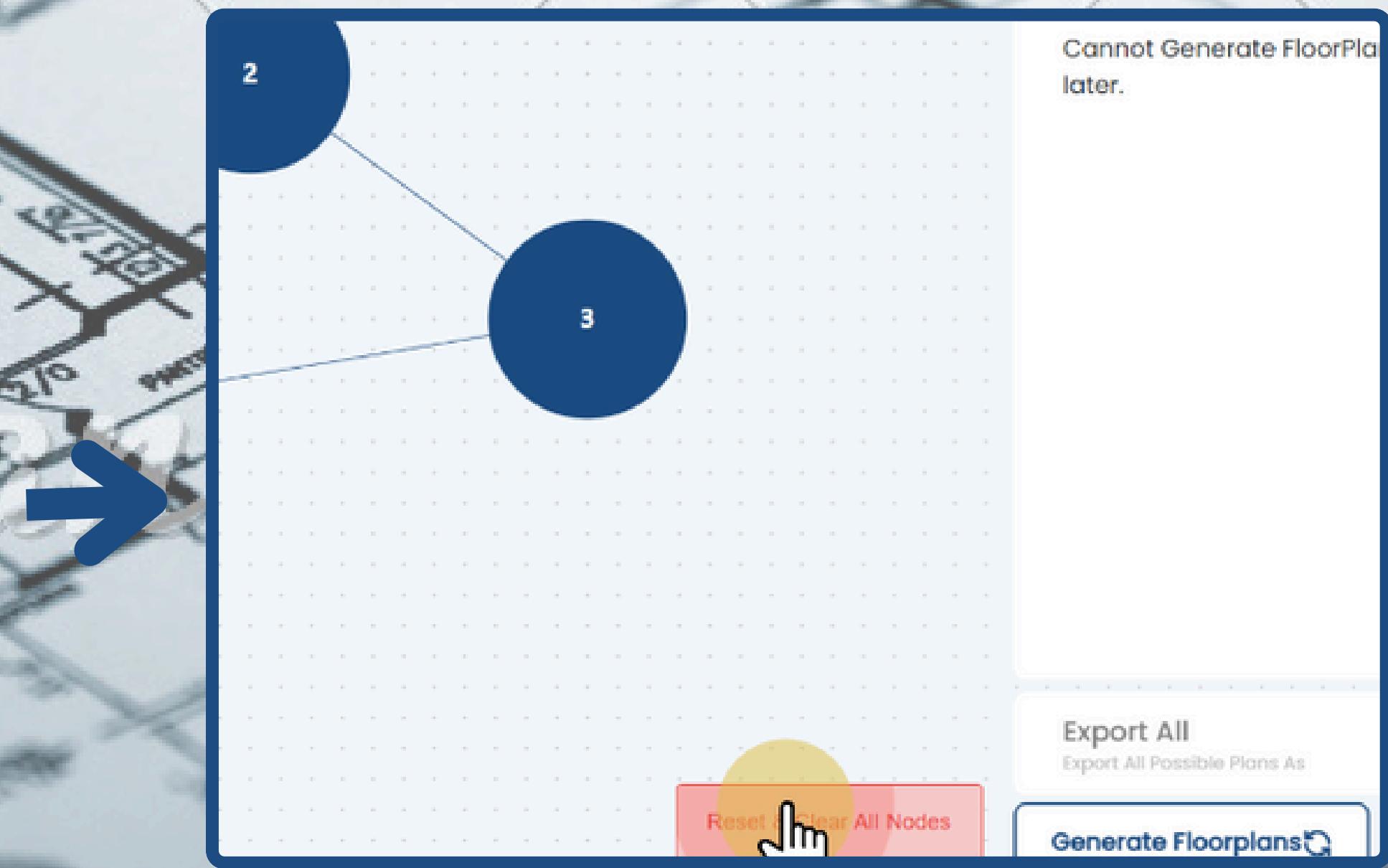
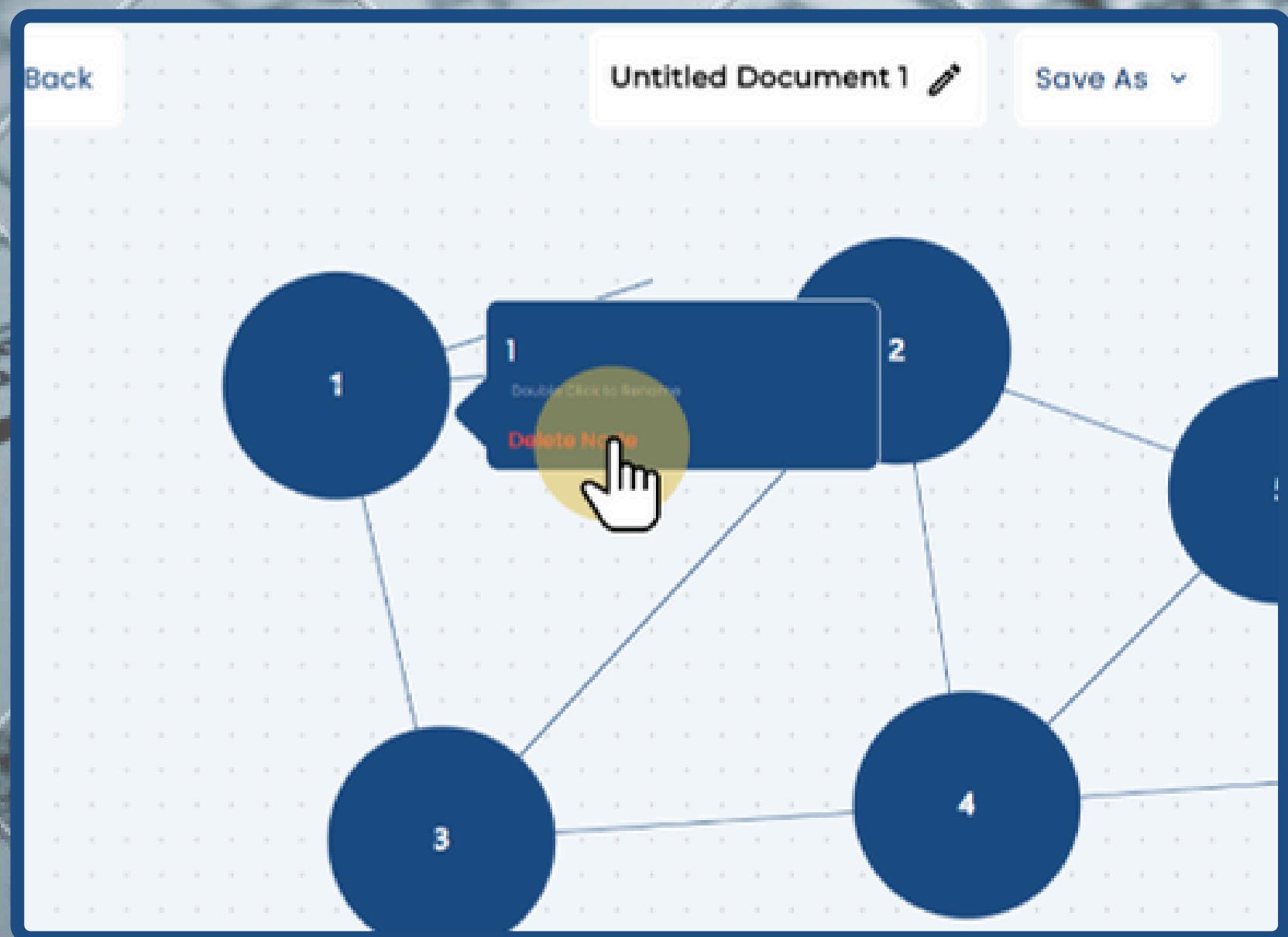
**Click on Dimensioned Floorplans &
draw the graph normally**

02

**Double-click on a node to enter room
dimensions. Don't forget to save!**



REMOVING NODES AND RESETTING



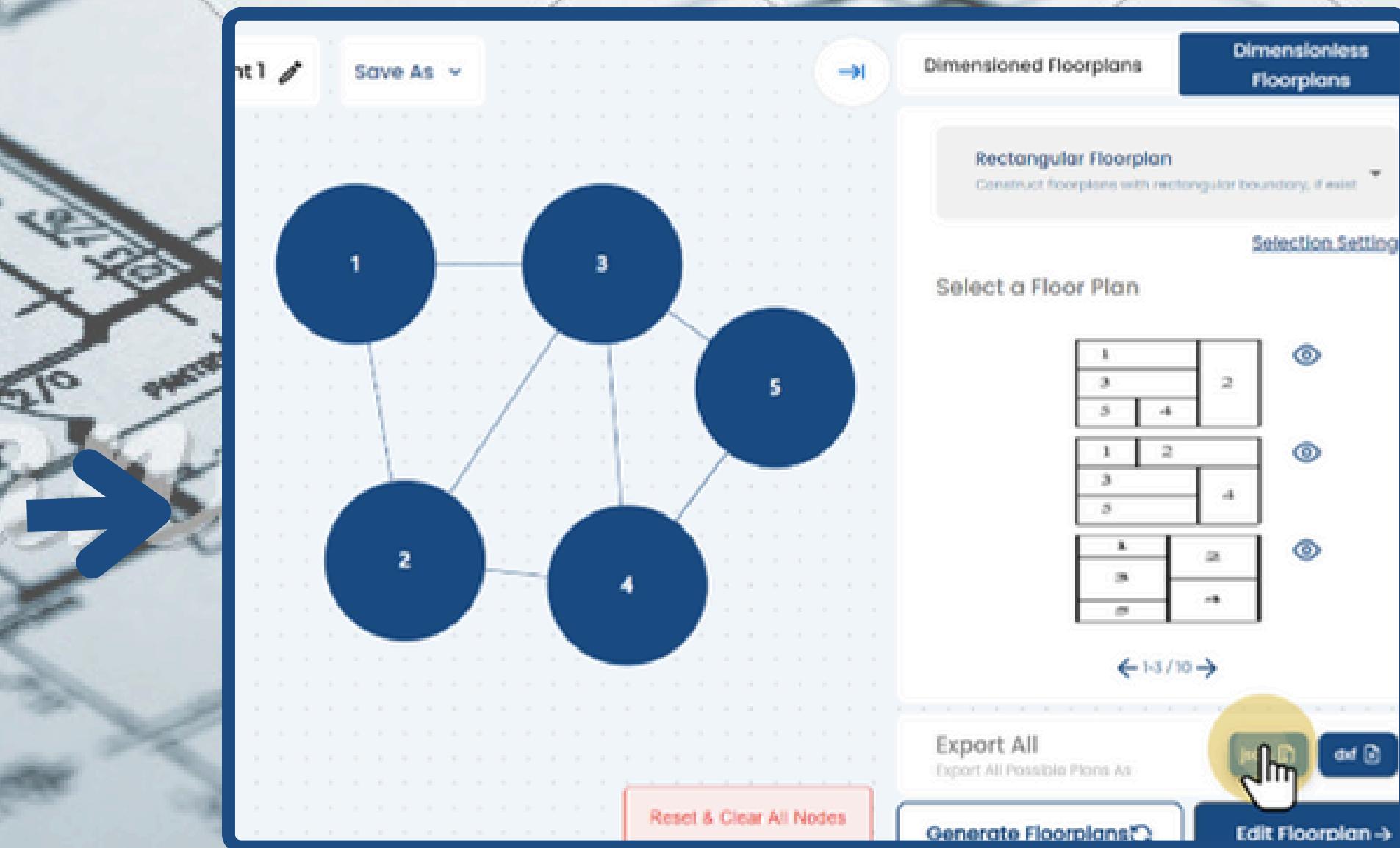
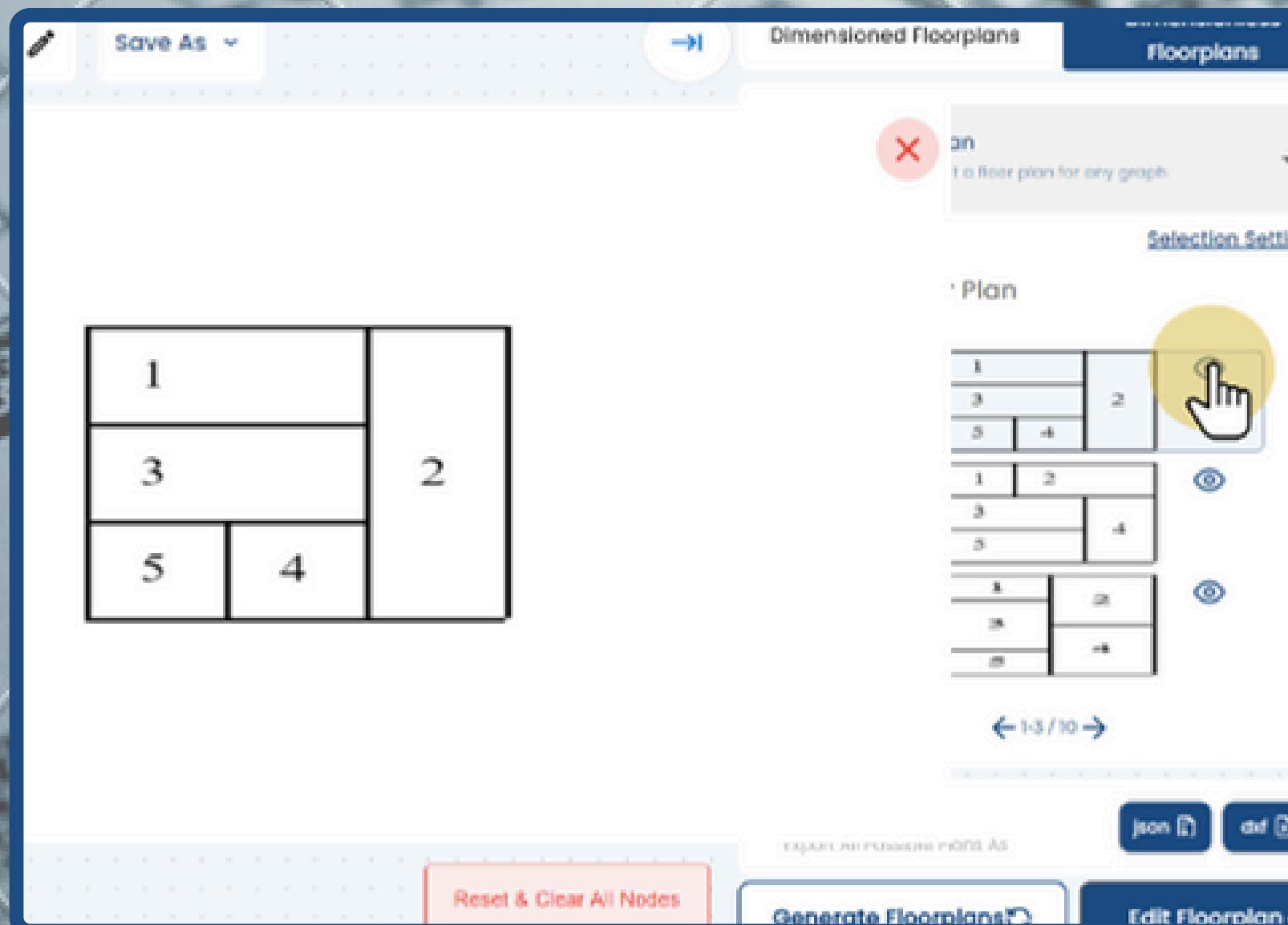
01 Double Click on the Node and
click Delete Node to remove it

02 Click Reset & Clear All
Nodes to reset the canvas



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ZOOM AND EXPORT YOUR FLOORPLANS



01

Click on the eye button to zoom in on a Floorplan.

02

Happy with your Floorplan? Choose format json or dxf to export.



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MODIFY YOUR FLOORPLAN

The screenshot shows the GPLAN software interface. At the top, there are tabs for "Save As", "Dimensioned Floorplans", and "Dimensionless Floorplans". The "Dimensionless Floorplans" tab is active. Below it, a section titled "Floorplan" contains the instruction "Construct a floor plan for any graph". A "Selection Setting" button is present. The main area displays a network of five nodes (1, 2, 3, 4, 5) connected by lines. To the right, a "Select a Floor Plan" section shows a grid of 10 possible floor plans. The third plan from the top, second from the left, is highlighted with a yellow background and a hand cursor icon, indicating it is selected. Below the grid are buttons for "← 1-3 / 10 →". At the bottom, there are "Export All" buttons for JSON and XML, and a red "Reset & Clear All Nodes" button.

The screenshot shows the same software interface after a selection has been made. The network of nodes now has different connections based on the selected floor plan. The "Edit Floorplan" button at the bottom right is highlighted with a yellow background and a hand cursor icon, indicating it is the current active button.

01

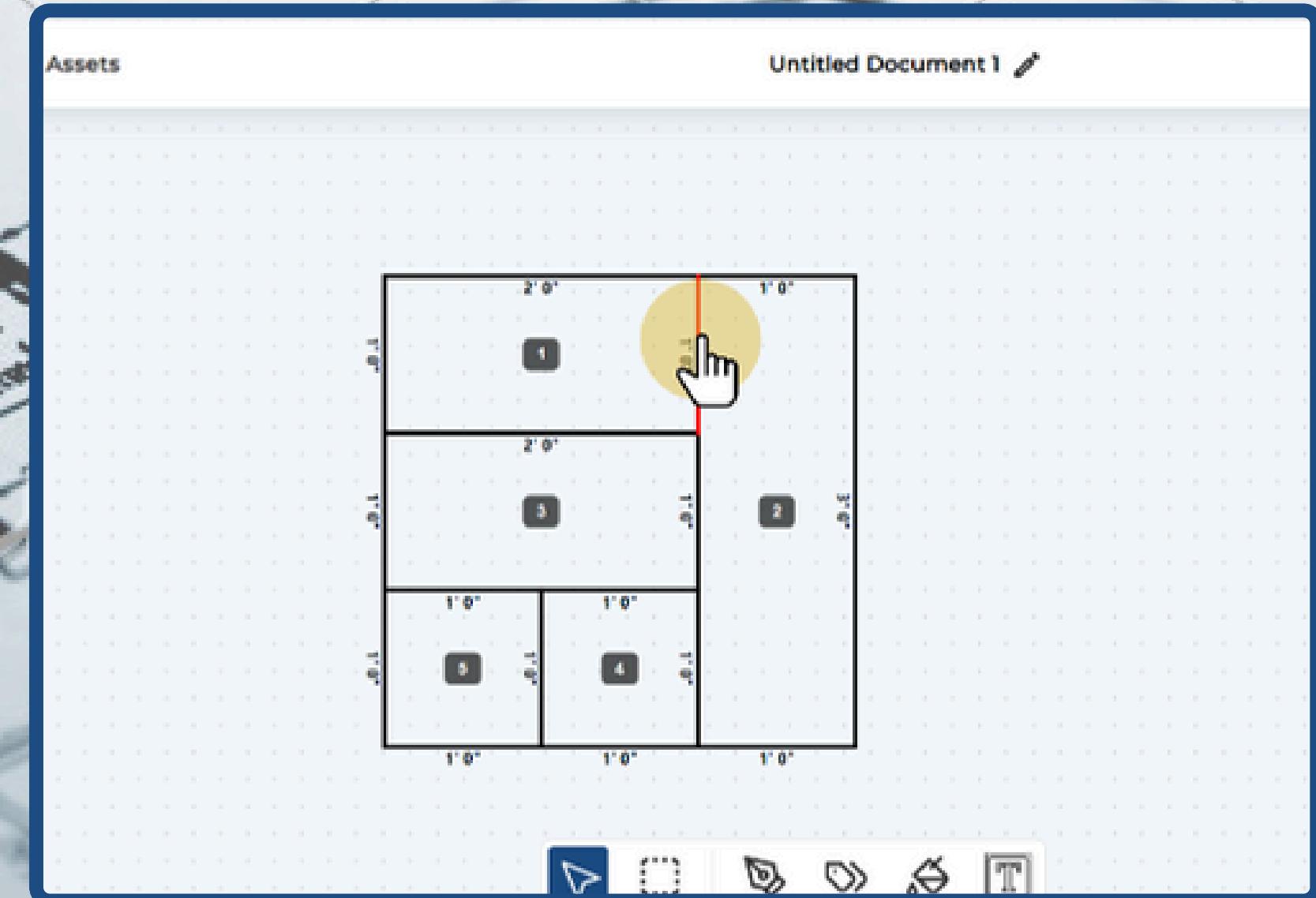
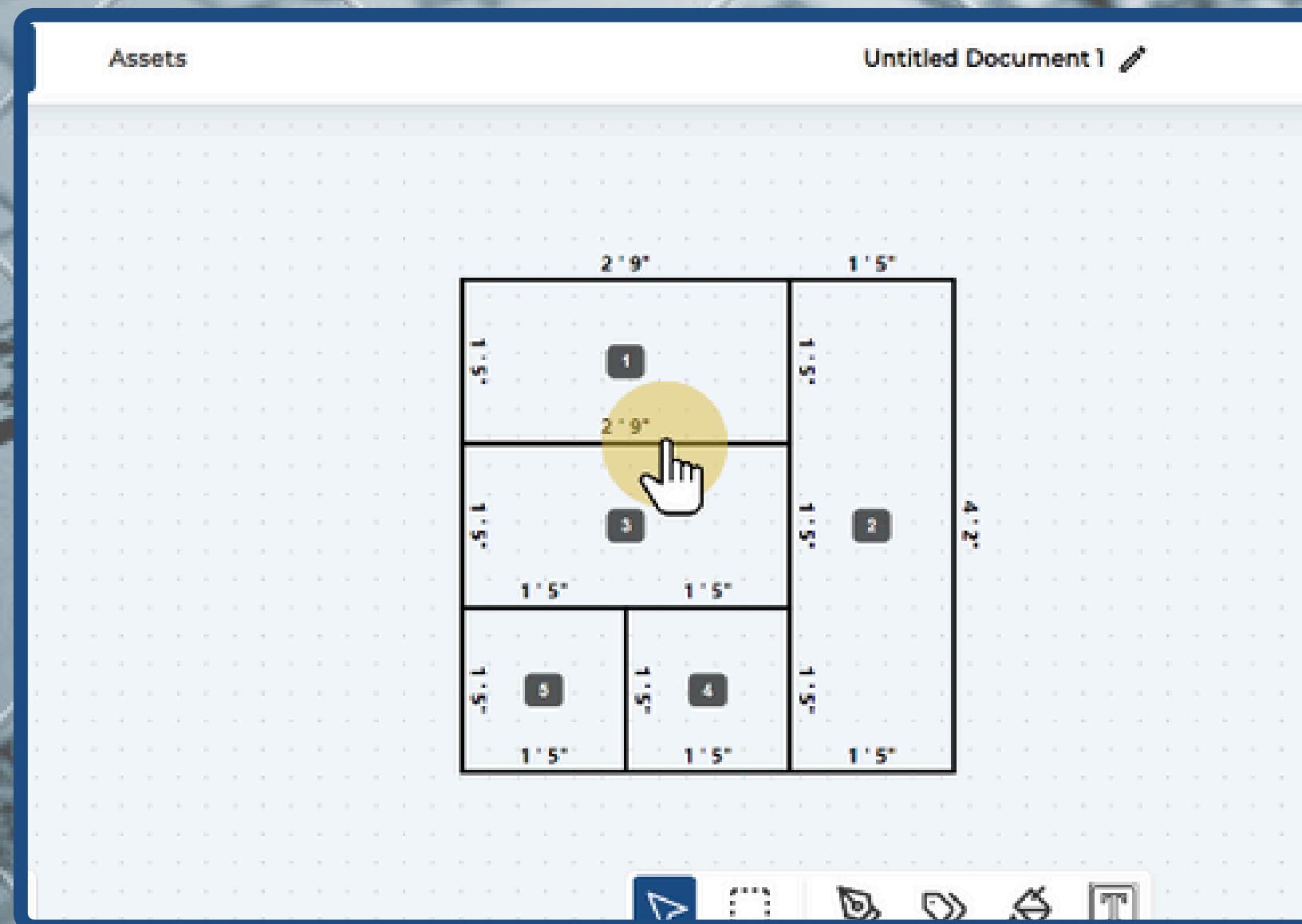
Select the plan you want to
make minor changes in

02

Click on
Edit Floorplan



MOVING AND DELETING A WALL



01

Hover over a wall and drag to new position when it turns red

02

Hover over a wall and double-click to remove the wall