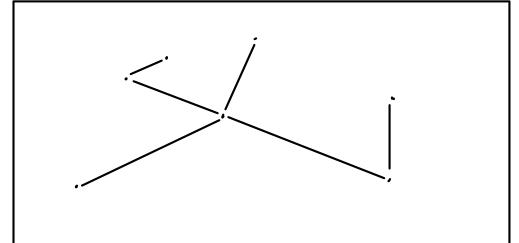
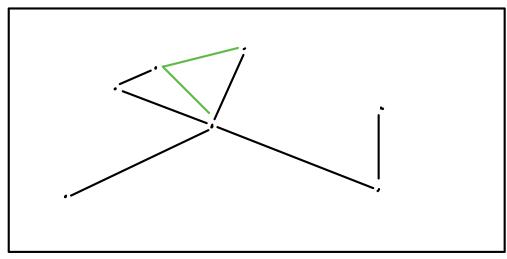


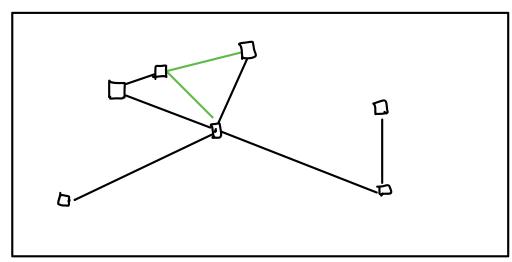
X-0xis

2) Create a minimum spanning tree using Prim's (kruskal's algorithm

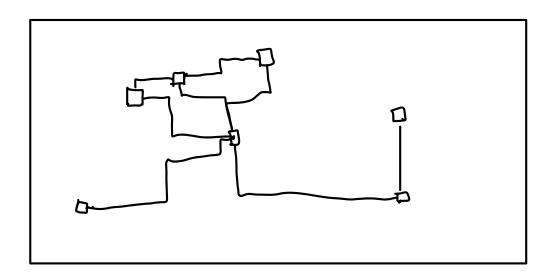


3) Use the remaining X Smallest edges to introduce Cycles to better Simulate a building loyout and allow the robot to make decisions on which path to take.





5) Build hallways to connect the rooms using the edges.



- 7) The "Targets" for the robot would be the hallway block coordinates and room vertices
 - 8) Each target will have a number attached to store times the robot traversed it.
 - 4) The robot always selects the lowest number to ensure the map is fully explored.