1. I showed Shujun what I had now and there were things still not well designed.
   1. Zoom in and Zoom out.
   2. The algorithm for plotting needs to be improved, there were too many dots in the same spot, it was still not looking good.
2. A month later I finally had some idea how to improve the algorithm after wondering what was happening but I was unsure on how to do it because math wise I was very bad. I instead worked on the zoom functionality. I did some very crappy zooming where it just expands the X and Y co-ordinates and radius by 1.5. Essentially I am scaling up the image and I think even though it’s done in a bad way. It still works fairly well.
3. Problem is I cannot have the image always centred. Also I had to do some very bad padding things to change the container size. At this point I have a vision of what I want but my lack of experience is just standing in the way and I am clueless how to do what I want to do with this zoom.
4. I also had an idea to potentially allow to zoom in a small area. Someone would have like a rectangle to draw on the map and only that area will zoom in a separate window and allow them to zoom in and out like you can in Google maps but I have 0 clue on how to even attempt that even after doing some research.
5. I found out how to improve the algorithm. I would take all the passwords, separate them in sectors in the circle, from 0-9, a-z, symbols. This would give me 37 sectors. I create an array with 37 entries, then add the appropriate password in the correct entry and then once it’s done it sorts them alphabetically in each sector. I also plot them based on their index in the array. This way they are never one on top of the other.