1. Added a simple plotting algorithm which plots in only 4 angles.
2. Chose a very small database of made-up passwords (15 entries) just for testing purposes
3. Fixed issue where it keeps recreating the circle but doesn’t remove the old one.
4. Played around with the circle settings to see what I can do.
5. Tried improving the algorithm for plotting the circles
6. Worked on trying to implement PCA, the algorithm that Shujun mentioned.
7. Continued trying to add the algorithm. I noticed NodeJS had some frameworks so I installed it trying to upload it. I spend a few hours watched a bunch of videos but I couldn’t figure out how to use it.
8. I emailed Shujun if I could get some help, he refered me after some time to a different professor. Mr L.Zhang
   1. He gave me idea to use different potential algorithms. I looked specifically at (t-SNE) t-Distributed Stochastic Neighbor Embedding
9. I did a bunch of research on what that is as well. It seems a bit simpler so I went to look at NodeJS again, it had a reasonable framework and I think maybe it works.
10. After some more tries, I figured out that this doesn’t work, I just don’t currently have the data required for this to be used.