Thus far I have created the code for the text readouts, reviewed the code developed by Reese, carried out the planning for subsequent meetings with Dr. Carini, commented the code for the interface, explored the possibility of using Differential Equations to run the program (which ultimately failed), written the alter function, written the connect function, and am currently revamping the fancyInterpolation function to increase efficiency. The next few days will be spent creating and modifying helper functions to handle the data and produce meaningful functions (and data) which are to be utilized in running the graphic smoothly. I will be generalizing functions to apply them for other datasets. I will also be managing the accuracy and precision handling of the system to create an accurate animation. Commenting of the code will also be done in the upcoming days by both Reese and me.

Signature:

Karthik Boyareddygari