

Manual:

Initialization - To run my app, first cd into server directory and run <npm start> and keep it running. With another terminal cd into client directory and run <npm start> as well. The web app should be working now

Overview - It will display the graph with data and will updated accordingly. To add data, you can append new data at the bottom for the first and second value. All data is stored, removed, and updated with mongodb as the backend database. The graph display will refresh when new actions are changed such as cut, copy, paste and more. There are multiple ways to view the data with bar chart, scatter plot, and pie chart. There is hover effect to view details and selection to highlight specific parts of charts.

New - It will empty the data as a blank page

Save - Saves the data to backend server, and the data will be persisted once page is refreshed

Load - Users and load json data and will be display accordingly. File must be .json and proper format

Cut - To use cut properties, you must first check the items in the table below and then press the cut button. It will remove the selected and you can paste.

Copy - To use copy properties, you must first check the items in the table below and then press the copy button. You can paste the data.

Paste - To use paste, press the paste button and it will paste the data from cut or copied.