Requirements

End user requirements:

* Give the option to create an account or login to an existing account.
* Give the option to create a chart – tell them what information is needed to create the graph.
* Give the user the option to add data to the database – tell them what information is needed to add the data to the database.
* Give the user the option to view data.
* Give the option to share the data – export the data as a csv file.

Functional requirements:

* Must validate form inputs so they can’t be left blank.
* Must produce a graph based on the information given by the user.
* Must be able to export the data to a csv file.
* Must be able to add entries into the database.

Front end:

* Give the option to create an account or login to an existing account.
* Give the option to create a chart – tell them what information is needed to create the graph.
* Give the user the option to add data to the database – tell them what information is needed to add the data to the database.
* Give the user the option to view data.
* Give the option to share the data – export the data as a csv file.

Back end:

* Must validate the input on the login page so it can’t be left blank.
* Must produce a graph based on the information given by the user.
* Must be able to export the data to a csv file.
* Must be able to add entries into the database.