**To be able to create views:**

DATA ACQUISTION(Not Automaticly Updating)

> First click on "Update Data" from options menu

> Please enter the IP address for the Raspberry PI webserveris

> Click Update once for the last 6 seconds of data or fully enter the date information for a range of data

**GENERATING A VIEW**

> Please wait until the app finishes loading screen and notifies by saying "Data Acquisition Completed"

> Now you can click on "Add Views" from the options menu

> Please choose one of the avaliable views, currently:

-BarChart and Raw Data can update automatically

-LineChart can pull all the data of a specific time range

-Gauge View currently is not connected to the data

> For example if you have chosen BarChart

> You can see the available sensors from the drop-down menu but THIS DOES NOT CHOOSE THE SENSOR

> Please manually enter the sensor name for the X-axis text field

> You can choose whether you'd like the BarChart to update or not and how you would want it to update

> If you enter a specific date range, it will pull the data from that date range specifically (but will not update data from webserver, yet)

> If you have entered an available sensor to the "x-axis for chart" field, and you know the available sensors from the drop-down menu, it will create a chart according to the data entered

> You can move views around, add a new page from "Add New Page" from options menu

**AUTOMATICALLY UPDATING DATA**

> Click on "Update Data" from the options menu

> Check on constant update and enter an URL address

> Enter the time interval in terms of seconds (preferably 5 seconds since the webserver updates every 5 seconds default) (Other time interval functionality will be added soon)

**EXAMPLARY TEST RUN:**

> Entered 139.147.205.136 for connecting to PI

> This generates the url of http://139.147.205.136:3000/dbquery/recent

> If you click on update once, it will pull the last 5 seconds of data

> Click Add Views, add Bar Chart, see an available sensor from drop-down list, for example MRPM, enter "mrpm" to the x-axis field and generate chart

> If you'd like it to update, choose one of the options

> If you start automatic update, it will update the Bar Chart or Raw Data automatically