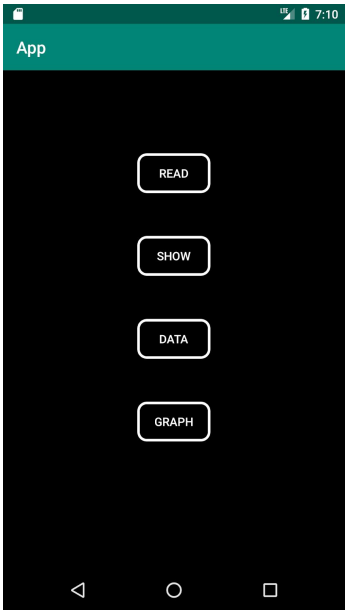
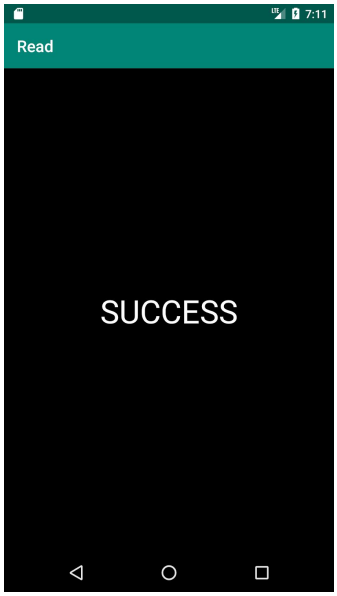
We're able to read data from a CSV file and would be able to perform any kind of calculation on the data and display the result. Additionally, we're also able to make various kinds of graphs from the given data.

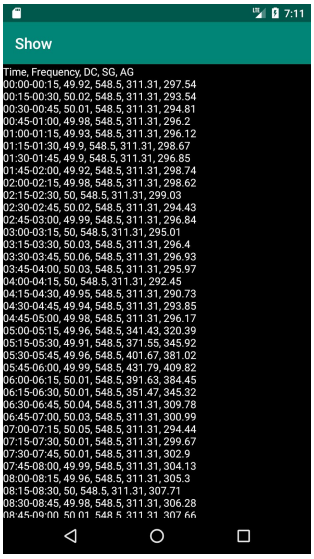
- The Homepage of the app is as follows:



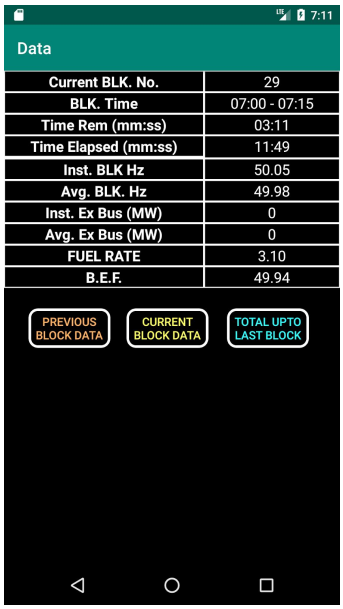

- First, we need to read the CSV file, so we choose the 'READ' option. We get the following screen (this means that the CSV file was read successfully):



- Now, back to the home screen, on choosing the ‘SHOW’ option, we can display the content of the CSV file as follows:



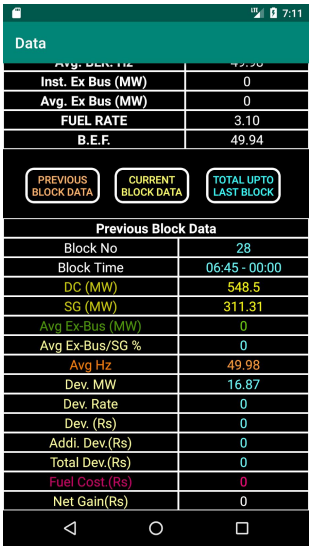

- Back to the home screen, now we choose the third option (i.e. ‘DATA’). Upon selection, we get the following screen:



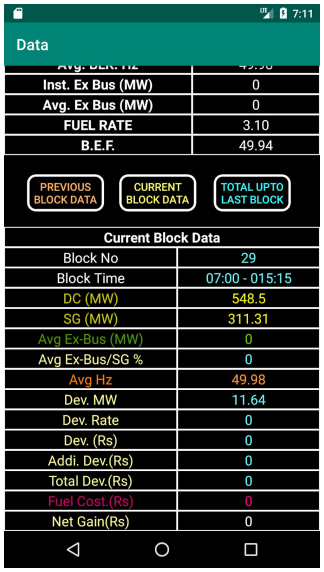

- As per the current time, we’ve calculated the block which would be active i.e. its block number. On the basis of the calculated block number, we’ve retrieved the value of Inst.

Block Hz. Avg. BLK Hz. is calculated by taking the average of all the block frequencies up to the current block.
Additionally, there are 3 buttons to show various kinds of data as follows.

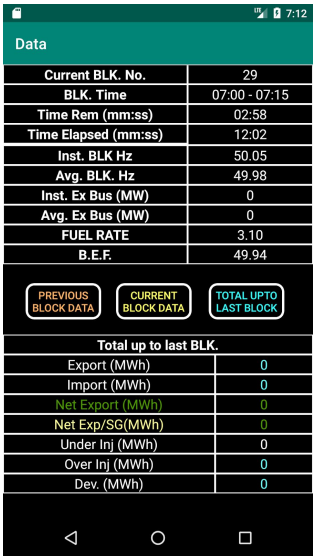
- On clicking Previous Block Data, we get the following data:



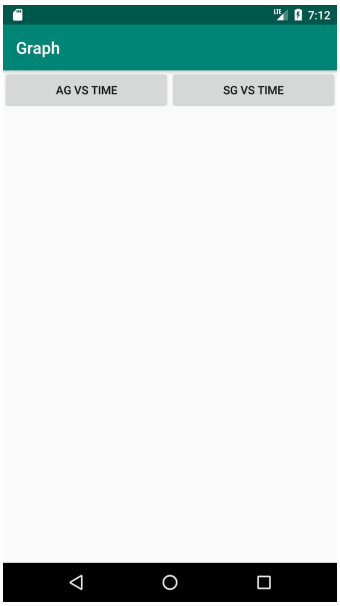

- Since we didn't know all the parameters, we've assumed the values of the unknown parameters to be zero (A formula can easily be added to calculate their values).
Now, we click on the Current Block Data to get the following:



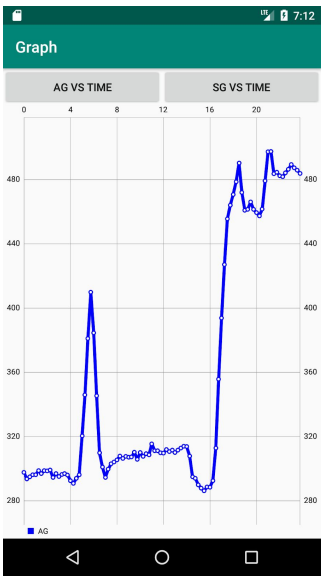

- Finally, on clicking Total Upto the Last Block, we get the following:

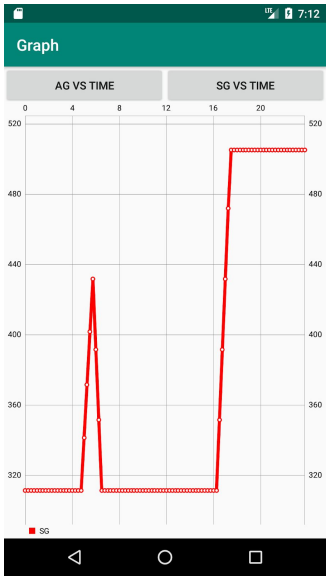



- Going back to the home screen and now choosing the ‘GRAPH’ option, we get the following:




- On clicking either of the two options, i.e. AG vs Time or SG vs Time, we’ll get their respective graphs as follows:


7:12
Graph
AG VS TIME
SG VS TIME
0
4
8
12
16
20
480
440
400
360
320
280
AG


7:12
Graph
AG VS TIME
SG VS TIME
0
4
8
12
16
20
520
480
440
400
360
320
SG