

Note:: The power tutor was not fully compatible with the android devices that we had. Samsung J (7.0) and moto G. So It couldn't fetch app wise profiling. But what we did for power profiling is... we closed all other apps and network (wifi, cellular and bluetooth). Only the power tutor and our app was running. And few system bg apps.

Run 1 Training and Testing SVM Execution Time: 342 Ms

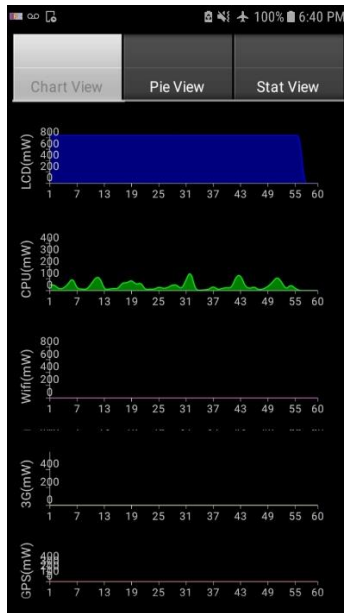


Figure 1 Initial

Figure 2 shows the 'Group17Assignment3' app interface. It has a title bar 'Group17Assignment3' and a 'Chart View' tab. Below the title bar, there's a section for 'Activity:' with radio buttons for 'Walk', 'Run', and 'Jump'. A 'RECORD ACTIVITY' button is next to the 'Run' option. Below this, there are three horizontal bars for 'Walk', 'Run', and 'Jump'. A green text '342 ms' is displayed. A 'TRAIN MODEL' button is below the bars. At the bottom, there's a 'PREDICT' button. A status bar at the bottom shows 'Accuracy = 66.66666666666666', 'Model = RBF', 'Gamma = 0.0001', and 'C = 25'.

Figure 2 Executed

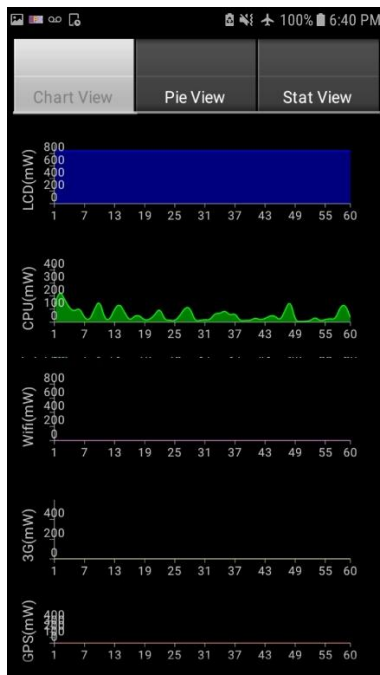


Figure 3: After Execution Readings

Run -2 Execution Time = 361 ms



Before Execution



After Execution

