**UseCase Name – Battery**

**Requirement:**

Battery file parsing - Parse the input file and get the Foreground activities and Calculate Battery\_Percentage and Battery Drain.

Input file – Battery.txt

**Instruction:**

* Read the Input file Using File reader.
* Read the Foreground activity value.
* Get the Battery Drain value for **Uid u0a202.**
* Calculate the Batter percentage.
* Battery\_Percentage: Battery\_Drain/1000
* Push all the values into Json.
* Write the json into file.
* Display the json output into console.

**Sample Output:**

{

"Foreground\_time":"4m 14s 711ms realtime (3 times)"

,"Battery\_percentage":0.01,

"Battery\_drain":0.698

}