**UseCase Name – Memory**

**Requirement**:

Memory file parsing - Parse the input file and calculate Avg and Max memory values and push into DB

Input file – Memeory.txt

**Instructions:**

1. Read the Input file Using File reader
2. Read the values with TOTAL:
3. Convert the value into MB.
4. Put each value into json format.

E.g. Input line  is : TOTAL:   188766       TOTAL SWAP PSS:        0

       Entry  should be “1s”:188.76  for first value.

1. Calculate Average and Maximum Memory values and put into json.
2. DB configuration - Mysql or MariaDb.
3. Push the calculated Avg and Max memory values into DB
4. Display the final json into console.
5. Write the final json into file.

**Sample OutPut**:

{

"AverageMemory(MB)":218.75,

"values":{

"1s":230.14,

"2s":219.34,

"3s":208.12,

"4s":198.13,

"5s":242.18,

"6s":209.79,

"7s":208.49,

"8s":209.71,

"9s":246.76,

"10s":198.14

},

"MaxMemory(MB)":301.84,

"Usecasename":"HomePage"

}