1. **Pi Chart:-**
   * Number Of Device Offline/Online on Percentage wise
     + Find all unique device count, save it in a variable, we will use it later
     + Find all unique devices **AT A SPAN OF 5 MIN**, save it in a variable, we will use it later
2. **Area Chart1 :- (Number of Request)**

2.1 Number Of Request (Status 3) and X-Device\_Id Y-Device Count

|  |  |
| --- | --- |
| **X-Axis** | **Y-Axis** |
| **Device ID** | **Number Of Request** |
| 12345 | 25 |
| 12346 | 40 |
| 12347 | 50 |
| 12348 | 15 |

1. **Area Chart2 :- (Emergency Request Count)**

2.1 Number Of Emergency (Status 4) and X-Device\_Id Y-Device Count

|  |  |
| --- | --- |
| **X-Axis** | **Y-Axis** |
| **Device ID** | **Number Of Request** |
| 12345 | 4 |
| 12346 | 4 |
| 12347 | 5 |
| 12348 | 1 |

1. **Area Chart3 :- (Avg Resp Time)**

2.1 Average Response Time(Status 2) and X-Device\_Id Y-Device Count

A = Sum (All Status 1 + All Status 2 + All Status 3 + All Status 4) [Of Unique Device ID]

B = Total Status 3

Avg Time = (A/B) Min

|  |  |
| --- | --- |
| **X-Axis** | **Y-Axis** |
| **Device ID** | **Avg Resp Time (Min)** |
| 12345 | 2.3 |
| 12346 | 3.1 |
| 12347 | 2.4 |
| 12348 | 2.1 |

1. **Area Chart 4 :- (Total Offline Time)**

A = Sum (All Status 0 + All Status 1 + All Status 2) [Of Unique Device ID]

B = Total minutes of search period

Approx. Offline Time = (B – A) Min

Example- Time Frame 1Hr

Let A = Sum (Status 0 + Status 1 + Status 2) = 45

B = 60 Min (1Hr = 60Min)

Approx. Offline Time = (B – A) = 60-45 = 15Min

|  |  |
| --- | --- |
| **X-Axis** | **Y-Axis** |
| **Device ID** | **App. Offline Time (Min)** |
| 12345 | 15 |
| 12346 | 10 |
| 12347 | 0 |
| 12348 | 8 |

DID RST EST

4001 3

4001 4

4001 3

Loop{

IF(status == 3) //REC

Int tmdDID = …. 4001

Rew \_ loop(){

REW.DID == tmdDID

REW.Req += 1;

}

Count Table.DID = tmpDID

CountTable.Req = 1;

CountTab.Em=0;

IF(status == 3) //REC

Int tmdDID = …. 4001

Rew \_ loop(){

REW.DID == tmdDID

REW.Req += 1;

}

Count Table.DID = tmpDID

CountTable.Req = 1;

RWE.push(CountTable);

}

RWE.push(CountTable);

}

Else IF(status == 4) //EME

Int tmdDID = …. 4001

Rew \_ loop(){

REW.DID == tmdDID

REW.Erm += 1;

}

Count Table.DID = tmpDID

CountTable.Emr = 1;

RWE.push(CountTable);

}

XArr = []

Y1Arr = []

Y2Arr = []

REW\_loop(){

xArr.push(countTab.DID)

Y1Arr.push(countTab.Req)

Y2Arr.push(countTab.Emm)

}