

```
1  create or replace
2  FUNCTION SOL_SMCrankingValue(WorkType VARCHAR, Pluscfrequnit VARCHAR, Targstartdate
3  DATE, Pluscfrequency NUMBER, StatusDate DATE, Priority NUMBER)
4  RETURN NUMBER
5
6  IS v_SMCrankingValue number(5,0);
7
8  lv_temp_num    number (5,0) ;
9  BEGIN
10
11  If WorkType = 'PM' or WorkType = 'PDM' Then
12    If Pluscfrequency > 0 Then
13      If Pluscfrequnit = 'WEEKS' Then
14        lv_temp_num := (((Sysdate - Targstartdate) + (Pluscfrequency *
15          7))/(Pluscfrequency * 7) ) * 100;
16      Elsif Pluscfrequnit = 'YEARS' Then
17        lv_temp_num := (((Sysdate - Targstartdate) + (Pluscfrequency *
18          365))/(Pluscfrequency * 7)) * 100;
19      Elsif Pluscfrequnit = 'MONTHS' Then
20        lv_temp_num := (((Sysdate - Targstartdate) + (Pluscfrequency *
21          30.4))/(Pluscfrequency * 7)) * 100;
22      Elsif Pluscfrequnit = 'DAYS' Then
23        lv_temp_num := (((Sysdate - Targstartdate) +
24          (Pluscfrequency/7))/(Pluscfrequency/7)) * 100;
25      Else
26        Null;
27      End if;
28    Else
29      Null;
30    End if;
31  Else
32    If Priority > 0 Then
33      If Priority = '1' Then
34        lv_temp_num := (((Sysdate - StatusDate) + (1 - 0))/(1 - 0)) * 100;
35      Elsif Priority = '2' Then
36        lv_temp_num := (((Sysdate - StatusDate) + (3 - 0))/(3 - 0)) * 100;
37      Elsif Priority = '3' Then
38        lv_temp_num := (((Sysdate - StatusDate) + (21 - 7))/(21 - 7)) * 100;
39      Elsif Priority = '4' Then
40        lv_temp_num := (((Sysdate - StatusDate) + (45 - 14))/(45 - 14)) * 100;
41      Elsif Priority = '5' Then
42        lv_temp_num := (((Sysdate - StatusDate) + (180 - 30))/(180 - 30)) * 100;
43      Else
44        lv_temp_num := (((Sysdate - StatusDate) + (180 - 30))/(180 - 30)) * 100;
45      end if;
46    Else
47      lv_temp_num :=      (((Sysdate - StatusDate) + (180 - 30))/(180 - 30)) * 100;
48    End if;
49  End if;
50  v_SMCrankingValue := lv_temp_num ;
51  RETURN v_SMCrankingValue;
52  END;
```