**TEST PLAN**

* **HIGH LEVEL TEST PLAN (INTEGRATED)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ID** | **DESCRIPTION** | **PRE-CONDITION** | **EXPECTED I/P** | **EXPECTED O/P** | **ACTUAL O/P** |
| IT#01 | NO TWO EMPLOYEES SHOULD HAVE SAME ID | UNIQUE ID MUST BE PROVIDED | ENTERING THE SAME EMPLOYEE ID | ERROR SHOULD ARISE |  |
| IT#02 | If two Employees with same name is found | Unique ID is present | Name mapped and Employee ID | Correct person is matched.  ACCESSES ALLOWED |  |
| IT#03 | Invalid ID/ System unable to recognise ID | THUMB IMPRESSION SHOULD BE AVAILABLE IN ATTENDANCE MACHINE | OUTSIDER PUTS HIS THUMB ON ATTENDANCE MACHINE | If still not found- “SORRY not Matched”.  ACESSED DENYED |  |
| IT#04 | Name Mismatch | Name must match with database name | Correct Name | Name not Matched |  |
| IT#05 | If multiple records are made for same ID in Database | All employees must have only one record in Database | Unique records in Database | Two records are matching, Delete one |  |
| IT#06 | Updating of data on time | All data of employees must be updated on regular basis. | Add new data on regular basis | Record updated |  |
| IT#07 | Access to Database and Who can modify the data | Only admin and persons who is authorised and have login Id | Authentic login credentials | If credentials are valid – Logged in  Else- Accessed Denied |  |

* **LOW LEVEL TEST PLAN (UNIT)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | DESCRIPTION | PRE-COND | EXPECTED I/P | EXPECTED O/P | ACTUAL O/P |
| UT#01 | EMPLOYEE NAME SHOULD CONTAIN ONLY ALPHABET | EMPLOYEE NAME | SHOULD CONTAIN ONLY ALPHABET | IF NOT IN ALPHABET- TRY AGAIN  ELSE- NEXT |  |
| UT#2 | EMPLOYEE ID SHOULD CONTAIN ONLY NUMBERIC | EMPLOYEE ID | EMPLOYEE ID NUMBER | SHOULD BE IN THE FORM OF INTEGER  ELSE- TRY AGAIN |  |
| UT#3 | EMPLOYEES SALARY SHOULD BE ONLY FLOATING NUMBER | EMPLOYEE SALARY | IN THE FORM OF DEGITS | SHOULD BE IN THE FORM OF DEGITS |  |
| UT#4 | EMPLOYEE AGE SHOULD BE IN THE FORM OF NUMERIC | EMPLOYEE AGE | IN THE FORM OF DEGITS | IF IN NUMBER – NEXT  ELSE – TRY AGAIN |  |