**1.1 Abstract:**

**Human Recource Managment System** will help to take decisions in assigning proper skillful hands for the project is an important issue in HR Module. The HR Administrator should report with the personal holding the necessary skills required for the project assignment. The decision in making analysis about the employee’s skills is a prime important before booting in. The proposed system of HR Module is the right software to be incorporated into the Automation of HR Software for helping the organization needs with respect to skillful Human Resource. The Proposed system provides detail general information about the employee along with Educational, Certification, skill and project details. It enhances the HR Management in adding, viewing and updating employees details and generates various reports regarding employee’s skill and experience.

**1.2. MODULE DESCRIPTIOIN**

###### **Employee Info Module:**

This module generates employee’s general information along with contact, qualification,

Skill, certification and project information for the HR Administrator. Based on the skill provided by the employee he/she will be assigned project task. Any mismanagement is handled and respective response is generated.

###### **HR Module:**

This module has control over the system and able to manage the human resource for the various technical needs of the organization. It handles employee’s personal and official details. Adding, viewing and updating employee information and generating various reports based on present and previous project performance is very much maintained.

###### **Project Module:**

This module deals with project details and project schedule of the employee by the HR administrator .based on the project Management specification and technical skills of the employee the module generate the decisive information about the employee’s strengths and weaknesses.

**1.2 Data Dictionary:**

**TABLENAME:** EmployeeMaster

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **COLUMN NAME** | **DATA TYPE** | **DESCRIPTION** | **constraint** |
| **1** | EmpId | Number (15) | Employee Identification | **PK** |
| **2** | EmpName | Varchar2 (20) | Employee Name |  |
| **3** | DOB | Varchar2 (20) | DateOfBirth |  |
| **4** | Address | Varchar2 (200) | Address Of The Employee |  |
| **5** | Email | Varchar2 (30) | Email ID Of the Employee | **UNIQUE** |
| **6** | Phone No | Number (15) | Phone No |  |
| **7** | Qualif | Varchar2 (20) | Qualification |  |
| **8** | DeptNo | Number (5) | Dept No |  |
| **9** | Sal | Number (7) | salary |  |
| **10** | Exp | Number (3) | experience |  |
| **11** | Desg | Varchar2 (20) | designation |  |

**TABLE :** ProjectInfo

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Column Name** | **Data Type** | **Description** | **Constraint** |
| 1 | projid | Number | Project Identification | PK |
| 3 | ProjName | Varchar2 (20) | Project Name |  |
| 4 | Commencing Date | Date | Project Start Date |  |
| 5 | Finishing Date | Date | Project End Date |  |
| 6 | Team Id | Number | Memebers in the Team |  |
| 7 | Platform | Varchar2 (40) | Platform on Which the emp is working |  |

**TABLE:** TeamInfo:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Column Name** | **Data Type** | **Description** | **Constraint** |
| 1 | TeamId | Number | Team Identification |  |
| 2 | TemLeadId | Number | Id of Team leader |  |
| 3 | EmpId | Number | Employee Id |  |

**TABLE :** DepartmentInfo

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Column Name** | **Data Type** | **Description** | **Remark** |
|  | DeptNo | Int | Department ID | PK |
| 1 | dname | Varchar2 (20) | department name |  |
| 4 | loc | Varchar2 (20) | location |  |

**TABLE NAME :** AdminMaster

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Column Name** | Data Type | Description | Remark |
| 1 | Adminid | Varchar2(10) | Administrator id | PK |
| 2 | pwd | Varchar2(10) | password |  |

**Note: Please follow below Instruction:**

* 3 tier Architecture Model
* Microsoft coding standards
* Database should be normalized
* Use of SP for all database operations
* Appropriate security measures needs to implement.