**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.

**User:**

**1.Admin:**

**Role:** Admin has all privileges.

**Responsibilities**: Admin is responsible for following Activities.

a. To Login (with default credentials).

b. To Add/Remove Employee Info.

c. To Add/Remove Project Info.

d. To Add/Remove Team info.

**1.2 Data Dictionary:**

**TABLENAME:** EmployeeMaster

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **COLUMN NAME** | **DATA TYPE** | **DESCRIPTION** | **constraint** |
| 1 | EmpId | Int | Employee Identification | PK |
| 2 | EmpName | Varchar (20) | Employee Name |  |
| 3 | DOB | Varchar(20) | DateOfBirth |  |
| 4 | City | Varchar (50) | City |  |
| 5 | Email | Varchar (100) | Email ID Of the Employee | UNIQUE |
| 11 | Designation | Varchar (20) | designation |  |

**TABLE :** ProjectInfo

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Column Name** | **Data Type** | **Description** | **Constraint** |
| 1 | projid | Int | Project Identification | PK |
| 3 | ProjName | Varchar(50) | Project Name |  |
| 4 | StartDate | DateTime | Project Start Date |  |
| 5 | End Date | DateTime | Project End Date |  |
| 6 | TeamId | Int | Memebers in the Team | FK |

**TABLE:** TeamInfo:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Column Name** | **Data Type** | **Description** | **Constraint** |
| 1 | TeamId | Int | Team Identification | PK |
| 2 | EmpId | Int | Id of Team leader | FK |
| 3. | Role | Varchar(50) | Team Leader/Team Member |  |

**TABLE NAME :** AdminMaster

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Column Name** | Data Type | Description | Remark |
| 1 | Email | varchar(100) | Administrator Email Id | PK |
| 2 | pwd | varchar(20) | password |  |

**Note: Please follow below Instruction:**

* 3 tier Architecture Model
* Microsoft coding standards
* Database should be normalized
* Use of SP and Views for all database operations
* Please apply Not Null, Unique and Check constraint appropriately.