**Database Design Document**

**Introduction:**

**Revision History:**

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| --- | --- | --- |
| **Document Version No.** | **Created/Updated By** | **Created/Updated On** |
|  |  |  |

**Tables:**

Table Name: User

|  |  |  |
| --- | --- | --- |
| Name of the Column | Data Type | Constraints  (PK, FK, Surrogate, UNIQUE, NOT NULL, etc.) |
| User\_id | Varchar | PK, Surrogate |
| Username | Varchar | NOT NULL |
| Password | Varchar | NOT NULL |
| User\_type | Varchar | NOT NULL |

Table Name: Employee

|  |  |  |
| --- | --- | --- |
| Name of the Column | Data Type | Constraints  (PK, FK, Surrogate, UNIQUE, NOT NULL, etc.) |
| Emp\_id | Varchar | PK, Surrogate |
| Emp\_name | Varchar | NOT NULL |
| Emp\_address | Varchar | NOT NULL |
| Email | Varchar | NOT NULL |
| Manager\_id | Varchar |  |
| Leaves\_paid | Integer | NOT NULL |
| Leaves\_vacation | Integer | NOT NULL |

Table Name: Leave

|  |  |  |
| --- | --- | --- |
| Name of the Column | Data Type | Constraints  (PK, FK, Surrogate, UNIQUE, NOT NULL, etc.) |
| Emp\_id | Varchar | PK, FK |
| Start\_date | Datetime | NOT NULL |
| End\_date | Datetime | NOT NULL |
| Status | Varchar | NOT NULL |