**ProjectName Database Design Document**

**<< SCR/RN number goes here>**

**FOR OFFICIAL USE ONLY**

**Dated : <<Date>>**

**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version Number** | **Date** | **Author** | **Description** |
| <<version # goes here>> | << Date>> | << User Name>> | Initial Version |

**New Table Creation:**

**Table Name: << new table name goes here >>**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.No** | **Column Name** | **Data type** | **Key** | **Nullable** | **Comments** |
| <<sequence number>> | << column name >> | << data type >> | << Key >> | << nullable/ not nullable? | <<Comments>> |

**Sample new table creation:**

**Table Name: Module\_Agreement\_SignedHistory**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.No** | **Column Name** | **Data type** | **Key** | **Nullable** | **Comments** |
| 1. | SignedHistoryId | Int, IDENTITY(1,1) | PK | NOT NULL | Represents unique row numbers |
| 2. | RoleId | Int |  | NOT NULL | Stores the logged in user role id |
| 3. | ActionType | Varchar(20) |  | NOT NULL | Stores the action type like Add, Delete, Update |
| 4. | ActionUserID | Uniqueidentifier |  | NOT NULL | Stores the logged in user id |
| 5. | ActionDate | Datetime |  | NOT NULL | Stores the current date |
| 6. | UserId | Uniqueidentifier |  | NOT NULL | Stores the userid |
| 7. | DateSigned | Datetime |  | NOT NULL | Stores the datetime the service agreement is signed. |
| 8. | AgreementVersionId | Int |  | NOT NULL |  |
| 9. | OLID | Char(5) |  | NOT NULL | Stores the OLID |
| 10. | OSource | Char(2) |  | NOT NULL | Stores the source code |
| 11. | CreateUserId | Uniqueidentifier |  | NOT NULL | The userid that created the record |
| 12. | CreateDate | Datetime |  | NOT NULL | Date and time when the record is created |
| 13. | UpdateUserId | Uniqueidentifier |  | NOT NULL | The userid that updated the existing record |
| 14. | UpdateDate | Datetime |  | NOT NULL | Date and time when the record is updated |
| 15. | ServiceAgreementFileId | Uniqueidentifier |  | NULL | Stores the service agreement file id |

**Update Existing Tables:**

**Table Name: << existing table name goes here >>**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **S.No** | **Existing Column Name** | **New Column Name** | **Data type** | **Key** | **Nullable** | **Comments** |
| << sequence number>> | << existing column name goes here>> | << new column name goes here if any>> | << Data type>> | << Key>> | << nullable / Not nullable>> | << comments goes here>> |

**Sample :**

**Update Existing Tables:**

**Table Name: Module \_Agreement\_Signed**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **S.No** | **Existing Column Name** | **New Column Name** | **Data type** | **Key** | **Nullable** | **Comments** |
| 1. |  | ServiceAgreementFileId | Uniqueidentifier |  | NULL | Add new column |