|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Key** | **Field Name** | **Data Type** | **Length** | **Allow Null** | **Default value** | **Table-Field-Ref** | **Description** |
| **PK** | **user\_Id** | uniqueidentifier |  | No |  |  | User’s Id |
|  | user\_Name | varchar | 20 | No |  |  | UserName |
|  | user\_Password | varchar | 200 | No | 123456 |  | User’s Password |
|  | user\_CreateDate | datetime | 8 | No |  |  | Create date user |
|  | user\_UpdateDate | datetime | 8 | Yes |  |  | Update date user |
|  | user\_Gender | tinyint | 1 | No | 0 |  | User’s gender:  0: Female  1: Male |
|  | user\_DOB | varchar | 10 | No |  |  | User’s Date Of Birth |
|  | user\_FullName | nvarchar | 100 | No |  |  | User’s Full Name |
|  | user\_Status | tinyint | 1 | No | 1 |  | User’s status:  0: Disable  1: Enable |
|  | user\_Email | varchar | 100 | No |  |  | User’s Email |
| FK | dep\_Id | uniqueidentifier |  | No |  | Department.dep\_Id | Department Id, FK of Department Table |
| FK | Role\_Id | uniqueidentifier |  | No |  | Role.role\_Id | Role Id, FK of Role Table |

Action

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Key** | **Field Name** | **Data Type** | **Length** | **Allow Null** | **Default value** | **Table-Field-Ref** | **Description** |
| **PK** | **act\_Id** | tinyint | 1 | No |  |  | Action’s Id |
|  | act\_Name | nvarchar | 100 | Yes |  |  | Action’s Name |
|  | act\_Description | nvarchar | 150 | Yes |  |  | Action’s Description |

Application

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Key** | **Field Name** | **Data Type** | **Length** | **Allow Null** | **Default value** | **Table-Field-Ref** | **Description** |
| **PK** | **app\_Id** | uniqueidentifier |  | No |  |  | Application’s Id |
|  | app\_Name | nvarchar | 100 | Yes |  |  | Application’s Name |
|  | app\_IsActive | Bit | 1 | Yes | 1 |  | Application’s |
|  | app\_CreateDate | Datetime | 8 | Yes |  |  | Create date Application |
|  | app\_IsWorkFlow | bit | 1 | Yes |  |  |  |
|  | app\_Type | tinyint | 1 | Yes |  |  |  |
|  | app\_isVisible | bit | 1 | Yes | 1 |  |  |

Document

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Key** | **Field Name** | **Data Type** | **Length** | **Allow Null** | **Default value** | **Table-Field-Ref** | **Description** |
| **PK** | doc\_Id | uniqueidentifier |  | No |  |  | Document’s Id |
|  | doc\_Number | varchar | 50 | Yes |  |  | Document’s Number |
|  | doc\_SourceNumber | varchar | 50 | Yes |  |  | Document’s SourceNumber |
|  | doc\_UpdateDate | datetime | 8 | Yes |  |  | Update date document |
|  | doc\_CreateDate | datetime | 8 | Yes |  |  | Create date document |
| FK | user\_Id | uniqueidentifier |  | Yes |  | User.user\_Id | User’s Id, FK of User Tables |
| FK | docType\_Id | varchar | 30 | Yes |  | DocumentType.docType\_Id | DocumentType’s Id, FK of Document Table |
|  | doc\_Content | nvarchar | 500 | Yes |  |  | Document’s content |
|  | doc\_Status | tinyint | 1 | Yes |  |  | Document’s Status:  0:  1: |
| FK | app\_Id | uniqueidentifier |  | Yes |  | Application.app\_Id | Application’s Id, FK of Application Table |
|  | doc\_IsValid | bit | 1 | Yes |  |  |  |
|  | doc\_ValidFrom | varchar | 10 | Yes |  |  | Valid From date of document |
|  | doc\_ValidTo | varchar | 10 | Yes |  |  | Valid To date of document |
|  | doc\_Date | varchar | 10 | Yes |  |  | Document’s date |
|  | doc\_Type | tinyint | 1 | Yes |  |  | Document’s type:  0:  1: |

DocumentDepartment (chua link toi DecumentDetail)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Key** | **Field Name** | **Data Type** | **Length** | **Allow Null** | **Default value** | **Table-Field-Ref** | **Description** |
| **PK** | docDep\_Id | uniqueidentifier |  | No |  |  | DocumentDeparment’s Id |
| FK | dep\_Id | uniqueidentifier |  | No |  | Department.dep\_Id | Department’s Id, FK of Department Table |
|  | docDep\_IsActive | bit | 1 | Yes | 1 |  |  |
| FK | docDetail\_Id | uniqueidentifier |  | No |  | DocumentDetail.docDetail\_Id | DocumentDetail’s Id, FK of DepartmentDetail Table |

DocumentDetail

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Key** | **Field Name** | **Data Type** | **Length** | **Allow Null** | **Default value** | **Table-Field-Ref** | **Description** |
| **PK** | docDetail\_Id | uniqueidentifier |  | No |  |  | DocumentDetail’s Id |
| FK | doc\_Id | uniqueidentifier |  | Yes |  | Document.doc\_Id | Document’s Id, FK of Document Table |
|  | docDetail\_UserCreate | uniqueidentifier |  | Yes |  |  | User create Document Detail |
|  | docDetail\_DepCreate | uniqueidentifier |  | Yes |  |  | Department Create Document Detail |
|  | docDetail\_UserReceive | uniqueidentifier |  | Yes |  |  | User Receive Document Detail |
|  | docDetail\_DepReceive | uniqueidentifier |  | Yes |  |  | DocumentDetail’s Department Receive |
|  | docDetail\_FileName | varchar | 150 | Yes |  |  | documentDetail’s File Name |
|  | docDetail\_FileContent | image |  | Yes |  |  | DocumentDetail’s File Content |
| FK | workFlow\_Id | uniqueidentifier |  | Yes |  | WorkFlow.workFlow\_Id | workFlow’s Id, FK of WorkFlow Table |
|  | docDetail\_CreateDate | datetime | 8 | Yes |  |  | Date Create of Document Detail |
|  | docDetail\_Description | nvarchar | 500 | Yes |  |  | DocumentDetail’s Description |
| FK | act\_Id | tinyint | 1 | Yes |  | Action.act\_Id | Action’s Id, FK of Action Table |
|  | docDetail\_IsActive | bit | 1 | Yes |  |  |  |
|  | docDetail\_UpdateDate | datetime | 8 | Yes |  |  | Date Update of DocumentDetail |

DocumentStaff

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Key** | **Field Name** | **Data Type** | **Length** | **Allow Null** | **Default value** | **Table-Field-Ref** | **Description** |
| **PK** | docStaff\_Id | uniqueidentifier |  | No |  |  | DocumentStaff’s Id |
| FK | docDep\_Id | uniqueidentifier |  | No |  | DocumentDepartment.docDep\_Id | DocumentDepartment’s Id,FK of DocumentDepartment Table |
| FK | user\_Id | uniqueidentifier |  | No |  | User.user\_Id | User’Id, FK of User Table |
|  | docStaff\_IsActive | bit | 1 | Yes | 1 |  |  |

DocumentStorage

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Key** | **Field Name** | **Data Type** | **Length** | **Allow Null** | **Default value** | **Table-Field-Ref** | **Description** |
| **PK** | docSto\_Id | uniqueidentifier |  | No |  |  | DocumentStorage’s Id |
| FK | doc\_Id | uniqueidentifier |  | No |  | Document.doc\_Id | Document’s Id, Fk of Document Table |
| FK | user\_Id | uniqueidentifier |  | No |  | User.user\_Id | User’Id, FK of User Table |
|  | docSto\_CreateDate | datetime | 8 | No |  |  | Date Create of DocumentStorage |

DocumentType

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Key** | **Field Name** | **Data Type** | **Length** | **Allow Null** | **Default value** | **Table-Field-Ref** | **Description** |
| **PK** | docType\_Id | varchar | 30 | No |  |  | DocumentType’s Id |
|  | docType\_Name | nvarchar | 50 | Yes |  |  | DocumentType’s Name |

Role

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Key** | **Field Name** | **Data Type** | **Length** | **Allow Null** | **Default value** | **Table-Field-Ref** | **Description** |
| **PK** | **role\_Id** | uniqueidentifier |  | No |  |  | Role’s Id |
|  | role\_Name | varchar | 20 | No |  |  | Role’s Name |
|  | role\_Description | nvarchar | 250 | Yes |  |  | Role’s Description |
|  | role\_CreateDate | datetime | 8 | No |  |  | Date Create of Role |

Department

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Key** | **Field Name** | **Data Type** | **Length** | **Allow Null** | **Default value** | **Table-Field-Ref** | **Description** |
| **PK** | **dep\_Id** | uniqueidentifier |  | No |  |  | Department’s Id |
|  | dep\_Name | nvarchar | 100 | No |  |  | Department’s Name |
|  | dep\_Status | tinyint | 1 | No | 1 |  | Department’s Status:  0: Disable  1: Enable |
|  | dep\_Code | nvarchar | 10 | Yes |  |  | Department’s Code |

WorkFlow

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Key** | **Field Name** | **Data Type** | **Length** | **Allow Null** | **Default value** | **Table-Field-Ref** | **Description** |
| **PK** | workFlow\_Id | uniqueidentifier |  | No |  |  | workFlow’s Id |
|  | workFlow\_Name | nvarchar | 200 | Yes |  |  | workFlow’s Name |
|  | workFlow\_Step | tinyint |  | Yes |  |  | workFlow’s step |
| FK | role\_Id | uniqueidentifier |  | Yes |  | Role.role\_Id | Role’s Id, FK of Role Table |
|  | workFlow\_Type | tinyint | 1 | Yes |  |  | workFlow’s Type |
| FK | app\_Id | uniqueidentifier |  | No |  | Application.app\_Id | Application’s Id, FK of Application Table |
|  | workFlow\_IsAllowReturn | bit | 1 | No |  |  |  |
|  | workFlow\_IsAllowRemove | bit | 1 | No |  |  |  |
|  | workFlow\_IsAllowFinish | bit | 1 | No |  |  |  |
|  | workFlow\_IsAllowUpload | bit | 1 | No |  |  |  |
|  | workFlow\_IsSetViewed | bit | 1 | No |  |  |  |
|  | workFlow\_IsSubmit | bit | 1 | No |  |  |  |
|  | workFlow\_IsTransferMultiple | bit | 1 | No |  |  |  |
|  | workFlow\_IsGenerateNumber | bit | 1 | Yes |  |  |  |
|  | workFlow\_CreateDate | datetime | 8 |  |  |  |  |