**EXP -3**

Represent all entities and relationships in a tabular fashion.(RelationalModel)

**BANK:**

|  |  |  |
| --- | --- | --- |
| **COLOUMN NAME** | **DATA TYPE** | **CONSTRAINT** |
| **Bank\_id** | **Varchar(7)** | **Primary key** |
| **Name** | **Varchar(19)** | **Not Null** |
| **Code** | **Int (20)** | **Not Null** |
| **Address** | **Varchar(58)** | **Not Null** |

**BRANCH:**

|  |  |  |
| --- | --- | --- |
| **COLOUMN NAME** | **DATA TYPE** | **CONSTRAINT** |
| **Branch\_id** | **int(19)** | **Primary Key** |
| **Branch\_name** | **Varchar(19)** | **Not Null** |
| **Branch\_city** | **Varchar(30)** | **Not Null** |
| **Assets** | **Varchar(58)** | **Not Null** |

**LOAN\_BRANCH:**

|  |  |  |
| --- | --- | --- |
| **COLOUMN NAME** | **DATA TYPE** | **CONSTRAINT** |
| **Loan-id** | **Int (20)** | **Primary Key** |
| **Loan\_Amount** | **Int (20)** | **Not Null** |

**ACCOUNT\_BRANCH:**

|  |  |  |
| --- | --- | --- |
| **COLOUMN NAME** | **DATA TYPE** | **CONSTRAINT** |
| **Acc\_id** | **Int (20)** | **Primary Key** |
| **Bal** | **Int (20)** | **Not Null** |

**PAYMENT**

|  |  |  |
| --- | --- | --- |
| **COLOUMN NAME** | **DATA TYPE** | **CONSTRAINT** |
| **Payment\_id** | **Int (10)** | **Primary Key** |
| **Payment\_date** | **Date** | **Not Null** |
| **Payment\_amount** | **Varchar(58)** | **Not Null** |

**CUSTOMER**

|  |  |  |
| --- | --- | --- |
| **COLOUMN NAME** | **DATA TYPE** | **CONSTRAINT** |
| **Cust\_id** | **int(19)** | **Primary Key** |
| **Cust\_city** | **Varchar(30)** | **Not Null** |
| **Cust\_Name** | **Varchar(58)** | **Not Null** |

**EMPLOYEE**

|  |  |  |
| --- | --- | --- |
| **COLOUMN NAME** | **DATA TYPE** | **CONSTRAINT** |
| **Emp\_id** | **Int(19)** | **Primary Key** |
| **Emp\_Name** | **Varchar(19)** | **Not Null** |
| **phoneno** | **int(10)** | **Not Null** |
| **Address** | **Varchar(58)** | **Not Null** |