**SRS DOCUMENT**

**ONLINE BANKING PROJECT**

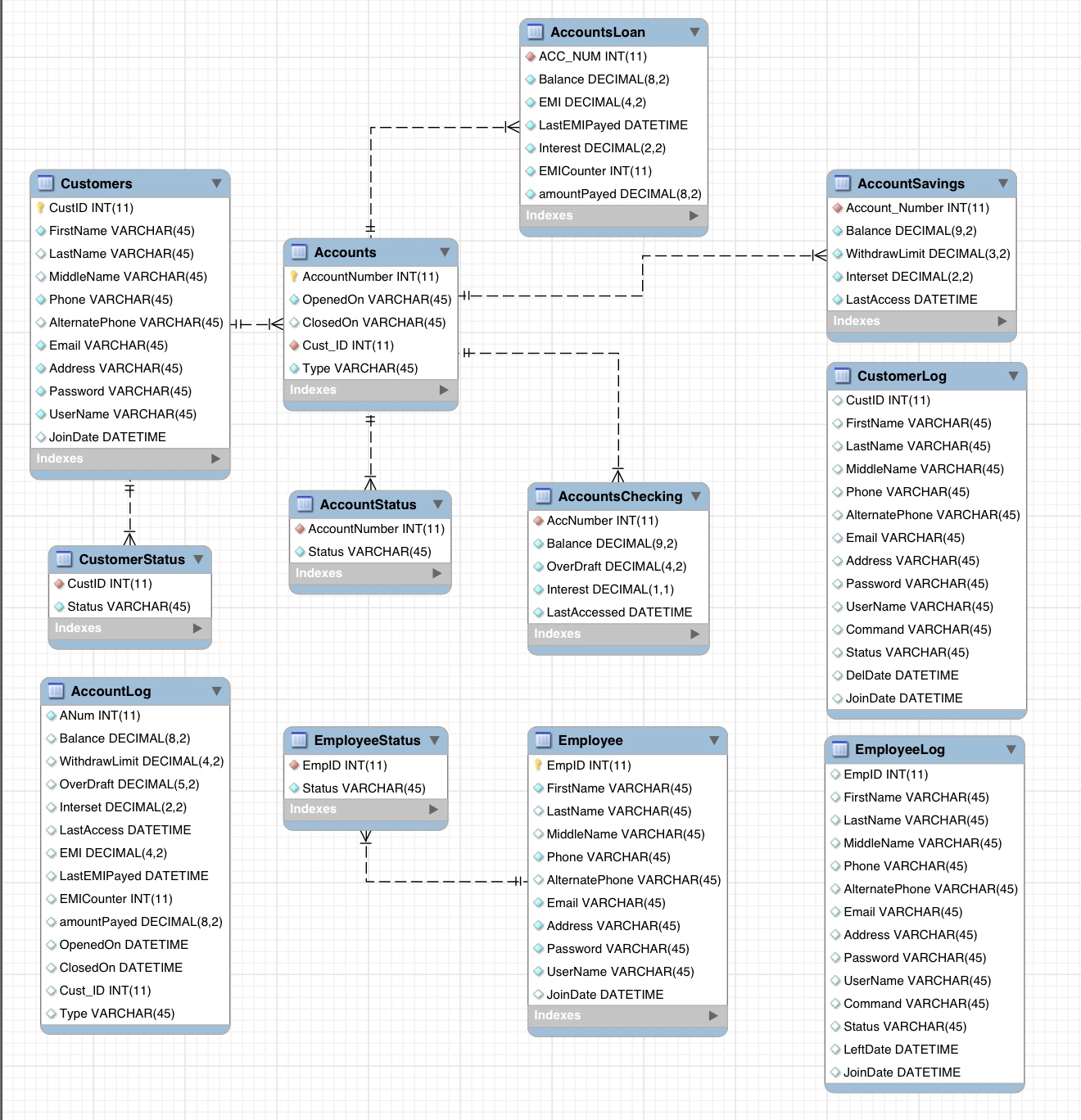
**Introduction**

Online Banking enables customers to access their accounts and get information on different products of bank and services without actually visiting the bank.

In our project the customers are provided with a userId and password. The customer can login with these details and he/she can access their various accounts and can also update or view their profile. The customer can also view balance in their accounts.

Customers can enquire about an account and also about the interest

**E-R Diagram**



**Tables Used:**

**Customer :**

|  |  |
| --- | --- |
| **CustID** | int(11) **PK** |
| FirstName | varchar(45) |
| LastName | varchar(45) |
| MiddleName | varchar(45) |
| Phone | varchar(45) |
| AlternatePhone | varchar(45) |
| Email | varchar(45) |
| Address | varchar(45) |
| Password | varchar(45) |
| UserName | varchar(45) |
| JoinDate | datetime |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Employee:**   |  |  | | --- | --- | | **EmpID** | int(11) P**K** | | FirstName | varchar(45) | | LastName | varchar(45) | | MiddleName | varchar(45) | | Phone | varchar(45) | | AlternatePhone | varchar(45) | | Email | varchar(45) | | Address | varchar(45) | | Password | varchar(45) | | UserName | varchar(45) | | JoinDate | datetime | |  |
|  |  |
|  |  |
| **EmployeeLog**   |  |  | | --- | --- | | **EmpID** | int(11) | | FirstName | varchar(45) | | LastName | varchar(45) | | MiddleName | varchar(45) | | Phone | varchar(45) | | AlternatePhone | varchar(45) | | Email | varchar(45) | | Address | varchar(45) | | Password | varchar(45) | | UserName | varchar(45) | | JoinDate | Datetime | | Command | varchar(45) | | Status | varchar(45) | | LeftDate | Datetime | | JoinDate | Datetime |   **Customer Log**   |  |  | | --- | --- | | **CUSTID** | int(11) | | FirstName | varchar(45) | | LastName | varchar(45) | | MiddleName | varchar(45) | | Phone | varchar(45) | | AlternatePhone | varchar(45) | | Email | varchar(45) | | Address | varchar(45) | | Password | varchar(45) | | UserName | varchar(45) | | JoinDate | Datetime | | Command | varchar(45) | | Status | varchar(45) | | LeftDate | Datetime | | JoinDate | Datetime | |  |
|  |  |
| **Accounts:**   |  |  |  |  | | --- | --- | --- | --- | | |  |  | | --- | --- | | **AccountNumber** |  | | int(11) PK | | OpenedOn | varchar(45) | | ClosedOn | varchar(45) | | **Cust\_ID** | int(11) | | Type | varchar(45 ) | |  |
|  |  |
| **Account Savings**   |  |  |  |  | | --- | --- | --- | --- | | |  |  | | --- | --- | | **AccountNumber** |  | | int(11) PK | | Balance | decimal(9,2) | | WithdrawLimit | decimal(9,2) | | Interset | decimal(9,2) | | LastAccess | datetime | |  |
| **Accounts Checking**   |  |  | | --- | --- | | **AccNumber** | int(11) | | Balance | decimal(9,2) | | OverDraft | decimal(9,2) | | Interest | decimal(9,2) | | |  |  | | --- | --- | | LastAccessed |  | | datetime | |  |
|  |  |
|  |  |

**Account Log**

|  |  |
| --- | --- |
| ANum | int(11) |
| Balance | decimal(8,2) |
| |  |  | | --- | --- | | WithdrawLimit |  | | decimal(4,2 ) |
| OverDraft | decimal(5,2) |
| Interset | decimal(2,2) |
| LastAccess | datetime |
| EMI | decimal(4,2) |
| LastEMIPayed | datetime |
| EMICounter | int(11) |
| amountPayed | decimal(8,2) |
| OpenedOn | datetime |
| ClosedOn | datetime |
| Cust\_ID | int(11) |
| Type | varchar(45) |

**Accounts Loan**

|  |  |
| --- | --- |
| **ACC\_NUM** | int(11) |
| Balance | decimal(8,2) |
| EMI | decimal(4,2) |
| LastEMIPayed | datetime |
| Interest | decimal(2,2) |
| EMICounter | int(11) |
| amountPayed | decimal(8,2) |

**Account Status**

|  |  |  |  |
| --- | --- | --- | --- |
| |  |  | | --- | --- | | **AccountNumber** |  | | int(11) PK |
| Status | varchar(45) |

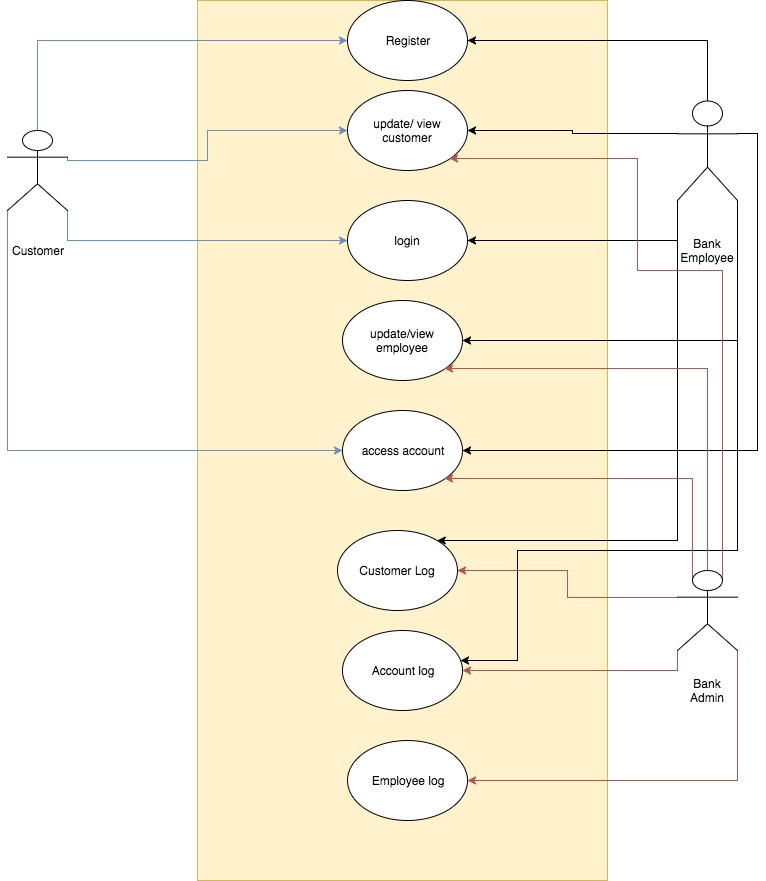
**Customer Status**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | **CustID** |  |  |  | | int(11) PK |
| Status | varchar(45) |

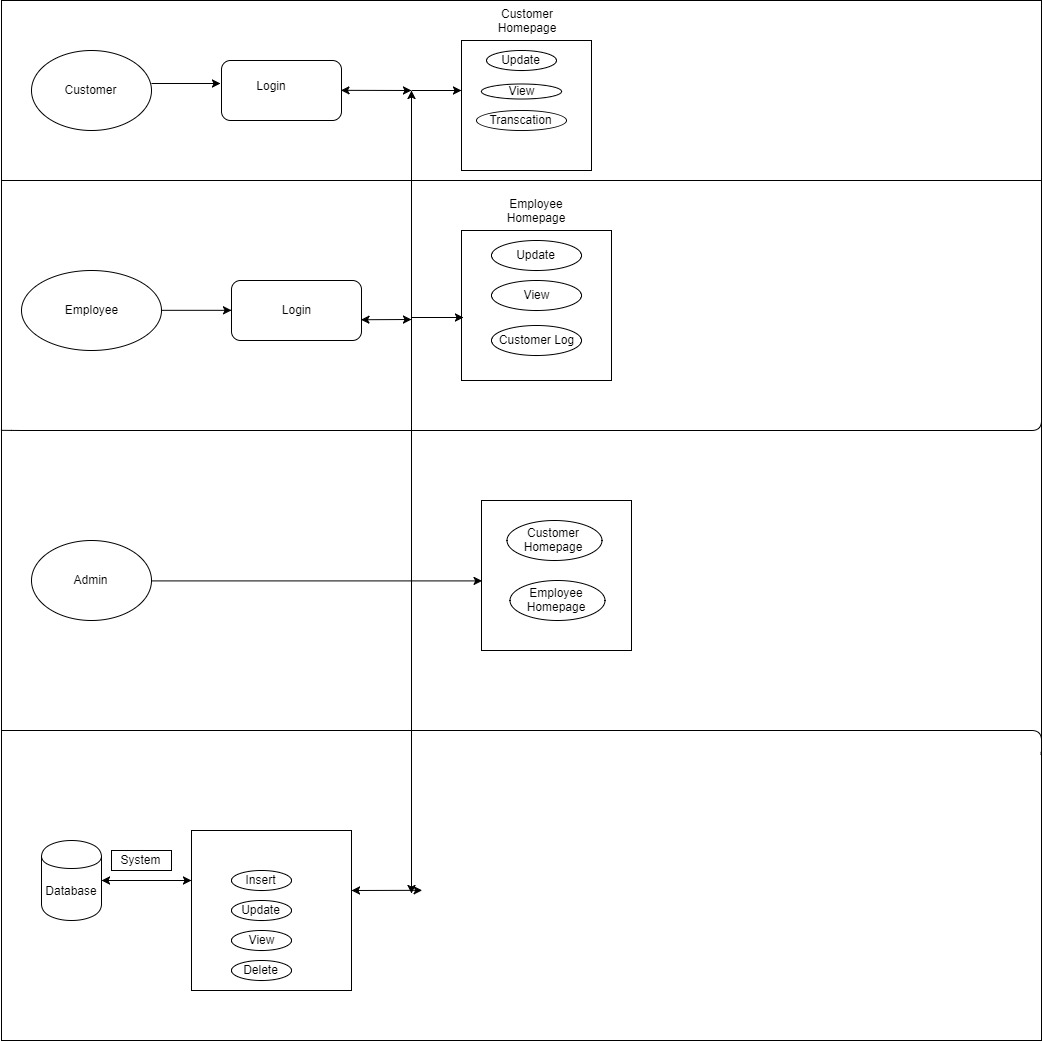
**Employee Status**

|  |  |  |  |
| --- | --- | --- | --- |
| |  |  | | --- | --- | | **EmpID** |  | | int(11) PK |
| Status | varchar(45) |

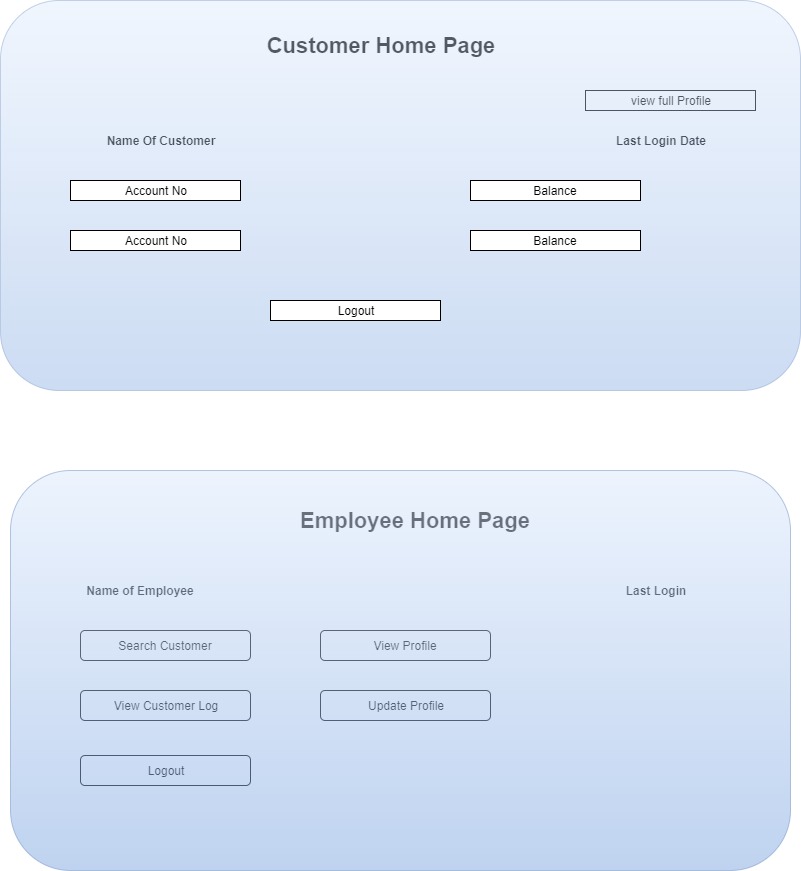
**Use Case Diagram**

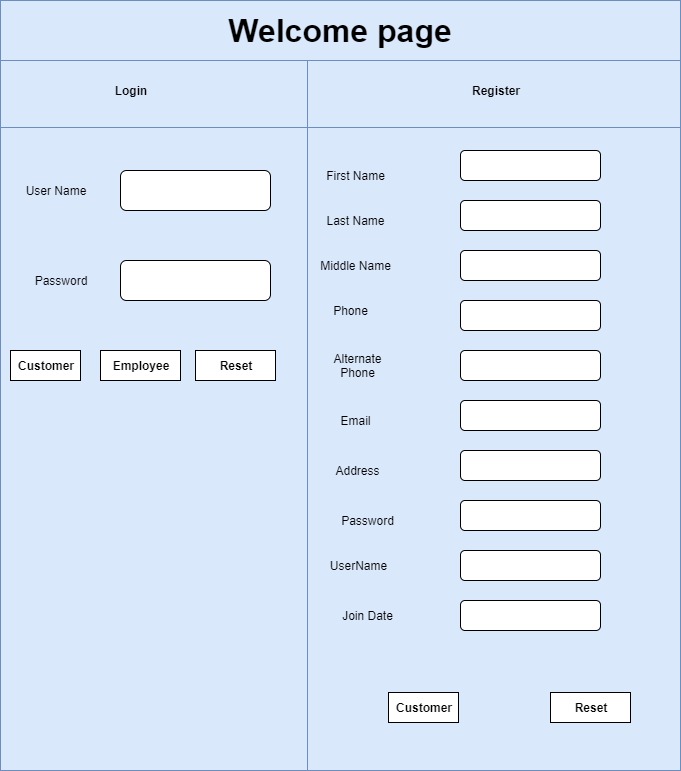


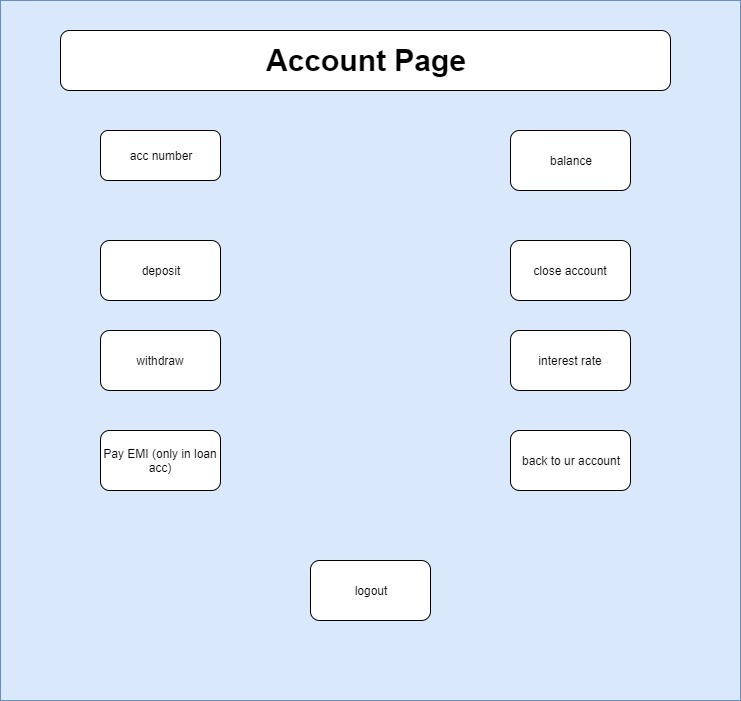
**Data Flow Diagram**



**User Interface**

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