

SQL SCHEMA

```
CREATE DATABASE LoanManagementSystem;
```

```
USE LoanManagementSystem;
```

```
CREATE TABLE Customer(  
  CustomerID INT PRIMARY KEY,  
  Name      VARCHAR(50) NOT NULL,  
  Email     VARCHAR(50) NOT NULL UNIQUE,  
  PhoneNumber VARCHAR(10) NOT NULL UNIQUE,  
  Address   VARCHAR(250) NOT NULL,  
  CreditScore INT NOT NULL,  
  CHECK(CreditScore BETWEEN 300 AND 850),  
  CHECK(Email Regexp '^[A-Za-z0-9._%+-]+@[A-Za-z0-9._%+-]+\.(com|in)$')  
);
```

```
CREATE TABLE Loan(  
  LoanId INT PRIMARY KEY,  
  customer INT NOT NULL,  
  principalAmount DECIMAL(15,2) NOT NULL,  
  interestRate Decimal(6,3) NOT NULL,  
  loanTerm INT NOT NULL,  
  loanType ENUM('CarLoan','HomeLoan') NOT NULL,  
  loanStatus ENUM('Pending','Approved') NOT NULL,  
  FOREIGN KEY(customer) REFERENCES Customer(CustomerID) ON DELETE CASCADE ON UPDATE  
  CASCADE  
);
```

ER Diagram for given schema

