

Following are the CREATE statements for the 'Bank Management System' Project

1. CREATE TABLE EMPLOYEE(
 employee_id varchar(10) PRIMARY KEY,
 employee_fname varchar(100) NOT NULL,
 employee_lname varchar(100) NOT NULL
);
2. CREATE TABLE CUSTOMER(
 cust_id varchar(10) NOT NULL UNIQUE,
 cust_fname varchar(100) NOT NULL,
 cust_lname varchar(100) NOT NULL,
 cust_city varchar(50) NOT NULL,
 cust_street varchar(50),
 PRIMARY KEY(cust_id),
 employee_id_customer_fkey varchar(10),
 FOREIGN KEY(employee_id_customer_fkey)
 REFERENCES EMPLOYEE(employee_id)
);
3. CREATE TABLE BRANCH(
 branch_city varchar(50) NOT NULL,
 branch_name varchar(20) NOT NULL PRIMARY KEY
);
4. CREATE TABLE LOAN(
 loan_amount float NOT NULL,
 loan_id varchar(10) NOT NULL,
 branch_name_loan_fkey varchar(20),
 UNIQUE(loan_id),
 PRIMARY KEY(loan_id),
 FOREIGN KEY(branch_name_loan_fkey) REFERENCES BRANCH(branch_name)
);
5. CREATE TABLE PAYMENT(
 payment_id varchar(10) PRIMARY KEY UNIQUE NOT NULL,
 payment_amount float,
 payment_date TIMESTAMP NOT NULL
 loan_id_payment_fkey varchar(10) NOT NULL,
 FOREIGN KEY(loan_id_payment_fkey) REFERENCES LOAN(loan_id)
);

```

6. CREATE TABLE borrows(
    cust_id varchar(10) REFERENCES CUSTOMER(cust_id)
        ON UPDATE CASCADE ON DELETE CASCADE,
    loan_id varchar(10) REFERENCES LOAN(loan_id)
        ON UPDATE CASCADE ON DELETE CASCADE,
    CONSTRAINT borrows_pkey PRIMARY KEY (cust_id, loan_id)
);

7. CREATE TABLE CREDIT_CARD(
    credit_card_number int PRIMARY KEY UNIQUE NOT NULL,
    expiry TIMESTAMP NOT NULL,
    cc_limit float
);

8. CREATE TABLE ACCOUNT(
    account_number varchar(10) PRIMARY KEY,
    balance float NOT NULL,
    account_type varchar(50) NOT NULL,
    Branch_name_account_fkey varchar(20) NOT NULL,
    credit_card_number_account_fkey int,
    FOREIGN KEY(branch_name_account_fkey)
        REFERENCES BRANCH(branch_name),
    FOREIGN KEY(credit_card_number_account_fkey)
        REFERENCES CREDIT_CARD(credit_card_number)
);

```

