

Complete SQL Script

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```
CREATE DATABASE banks_portal;
```

```
USE banks_portal;
```

Create Tables

```
CREATE TABLE accounts (  
    accountId INT NOT NULL AUTO_INCREMENT,  
    ownerName VARCHAR(45) NOT NULL,  
    owner_ssn INT NOT NULL,  
    balance DECIMAL(10,2) DEFAULT 0.00,  
    account_status VARCHAR(45),  
    PRIMARY KEY (accountId)  
);
```

```
CREATE TABLE IF NOT EXISTS Transactions (  
    transactionId INT NOT NULL AUTO_INCREMENT,  
    accountID INT NOT NULL,  
    transactionType VARCHAR(45) NOT NULL,  
    transactionAmount DECIMAL(10,2) NOT NULL,  
    PRIMARY KEY (transactionId)  
);
```

Data Entry

```
INSERT INTO accounts (ownerName, owner_ssn, balance, account_status)  
VALUES ("Maria Jozef", 123456789, 10000.00, "active"),
```

```
("Linda Jones", 987654321, 2600.00, "inactive"),  
("John McGrail", 222222222, 100.50, "active"),  
("Patty Luna", 111111111, 509.75, "inactive");
```

```
INSERT INTO Transactions (accountID, transactionType, transactionAmount)  
VALUES (1, "deposit", 650.98),  
      (3, "withdraw", 899.87),  
      (3, "deposit", 350.00);
```

```
DELIMITER //  
  
CREATE PROCEDURE accountTransactions(IN param_accountID INT)  
BEGIN  
    SELECT * FROM Transactions WHERE accountID = accountID;  
END //  
  
DELIMITER ;
```

Procedures

```
DELIMITER //  
  
CREATE PROCEDURE deposit(IN param_accountID INT, IN amount DECIMAL(10,2))  
BEGIN  
    INSERT INTO Transactions (accountID, transactionType, transactionAmount)  
    VALUES (accountID, "deposit", amount);  
    UPDATE accounts SET balance = balance + amount WHERE accountID = accountID;  
END //  
  
DELIMITER ;
```

```
DELIMITER //  
  
CREATE PROCEDURE withdraw(IN accountID INT, IN amount DECIMAL(10,2))  
BEGIN
```

```
INSERT INTO Transactions (accountID, transactionType, transactionAmount)
VALUES (accountID, "withdraw", amount);
```

```
UPDATE accounts SET balance = balance - amount WHERE accountId = accountID;
```

```
END //
```

```
DELIMITER ;
```