

Queries to create tables

-- Create User table

```
CREATE TABLE User (  
  UserId CHAR(36) PRIMARY KEY,  
  Password VARCHAR(255),  
  Name VARCHAR(255),  
  Email VARCHAR(255),  
  DateOfBirth DATE,  
  Income DECIMAL(10, 2)  
);
```

-- Create Community table

```
CREATE TABLE Community (  
  CommunityId CHAR(36) PRIMARY KEY,  
  CommunityName VARCHAR(255),  
  UserId CHAR(36),  
  FOREIGN KEY (UserId) REFERENCES User(UserId)  
);
```

-- Create Borrow_Request table

```
CREATE TABLE Borrow_Request (  
  RequestID CHAR(36) PRIMARY KEY,  
  BorrowerID CHAR(36),  
  CommunityID CHAR(36),  
  AmountRequested DECIMAL(10, 2),  
  ReturnPeriod INT,  
  Status VARCHAR(20), -- Assuming Pending/Fulfilled  
  Timestamp TIMESTAMP,  
  CollectedAmount DECIMAL(10, 2),  
  TargetAmount DECIMAL(10, 2),  
  FOREIGN KEY (BorrowerID) REFERENCES User(UserId),  
  FOREIGN KEY (CommunityID) REFERENCES Community(CommunityId)  
);
```

-- Create Lending_History table

```
CREATE TABLE Lending_History (  
  LenderId CHAR(36),  
  BorrowerId CHAR(36),  
  LendTransactionId CHAR(36) PRIMARY KEY,  
  RequestId CHAR(36),  
  Amount DECIMAL(10, 2),  
  Timestamp TIMESTAMP,  
  FOREIGN KEY (LenderId) REFERENCES User(UserId),  
  FOREIGN KEY (BorrowerId) REFERENCES User(UserId),  
  FOREIGN KEY (RequestId) REFERENCES Borrow_Request(RequestID));  
  
-- Create Repayment_History table  
CREATE TABLE Repayment_History (  
  PayerId CHAR(36),  
  PayeeId CHAR(36),  
  RepayTransactionId CHAR(36) PRIMARY KEY,  
  RequestId CHAR(36),  
  Amount DECIMAL(10, 2),  
  Timestamp TIMESTAMP,  
  FOREIGN KEY (PayerId) REFERENCES User(UserId),  
  FOREIGN KEY (PayeeId) REFERENCES User(UserId),  
  FOREIGN KEY (RequestId) REFERENCES Borrow_Request(RequestID)  
);
```

-- Create Wallet table

```
CREATE TABLE Wallet (  
  WalletId CHAR(36) PRIMARY KEY,  
  UserId CHAR(36),  
  Balance DECIMAL(10, 2),  
  FOREIGN KEY (UserId) REFERENCES User(UserId)  
);
```

Queries to populate the dummy data into tables

-- Inserting dummy data into the User table

```
INSERT INTO User (UserId, Password, Name, Email, DateOfBirth, Income)
VALUES
(UUID(), 'pass123', 'John Doe', 'john@example.com', '1990-01-01', 50000.00),
(UUID(), 'pass456', 'Alice Smith', 'alice@example.com', '1985-05-15', 60000.00),
(UUID(), 'pass789', 'Bob Johnson', 'bob@example.com', '1993-08-20', 45000.00),
(UUID(), 'passabc', 'Eva Brown', 'eva@example.com', '1980-03-10', 70000.00),
(UUID(), 'pass123', 'Emily White', 'emily@example.com', '1988-09-25', 55000.00),
(UUID(), 'pass456', 'Michael Jones', 'michael@example.com', '1995-06-12', 62000.00),
(UUID(), 'pass789', 'Sarah Wilson', 'sarah@example.com', '1991-11-08', 48000.00),
(UUID(), 'passabc', 'David Lee', 'david@example.com', '1975-04-17', 72000.00),
(UUID(), 'pass123', 'Emma Taylor', 'emma@example.com', '1983-02-20', 51000.00),
(UUID(), 'pass456', 'Matthew Brown', 'matthew@example.com', '1987-07-30',
63000.00),
(UUID(), 'pass789', 'Olivia Johnson', 'olivia@example.com', '1990-05-05', 46000.00),
(UUID(), 'passabc', 'Daniel Clark', 'daniel@example.com', '1982-10-12', 71000.00),
(UUID(), 'pass123', 'Sophia Garcia', 'sophia@example.com', '1989-12-04', 52000.00),
(UUID(), 'pass456', 'Christopher Martinez', 'christopher@example.com', '1984-08-18',
64000.00),
(UUID(), 'pass789', 'Isabella Rodriguez', 'isabella@example.com', '1986-03-22',
47000.00),
(UUID(), 'passabc', 'James Hernandez', 'james@example.com', '1992-01-15',
69000.00),
(UUID(), 'pass123', 'Mia Lopez', 'mia@example.com', '1978-06-28', 53000.00),
(UUID(), 'pass456', 'Alexander Perez', 'alexander@example.com', '1994-04-03',
65000.00),
(UUID(), 'pass789', 'Benjamin Gonzalez', 'benjamin@example.com', '1981-09-10',
44000.00),
(UUID(), 'passabc', 'Charlotte Flores', 'charlotte@example.com', '1983-07-07',
73000.00),
(UUID(), 'pass123', 'Amelia Sanchez', 'amelia@example.com', '1997-02-14',
54000.00),
(UUID(), 'pass456', 'Lucas Ramirez', 'lucas@example.com', '1979-10-29', 66000.00),
(UUID(), 'pass789', 'William Torres', 'william@example.com', '1988-11-23', 43000.00),
(UUID(), 'passabc', 'Ava Rivera', 'ava@example.com', '1984-05-19', 74000.00),
(UUID(), 'pass123', 'Evelyn Cruz', 'evelyn@example.com', '1993-04-07', 55000.00),
(UUID(), 'pass456', 'Daniel Wood', 'danielw@example.com', '1986-12-11', 67000.00),
(UUID(), 'pass789', 'Logan Ward', 'logan@example.com', '1980-08-03', 42000.00),
(UUID(), 'passabc', 'Harper Mitchell', 'harper@example.com', '1995-03-27',
75000.00);
```

-- Inserting dummy data into the Community table

```
INSERT INTO Community (CommunityId, CommunityName, UserId)
VALUES
(UUID(), 'Community A', (SELECT UserId FROM User WHERE Name = 'John Doe')),
(UUID(), 'Community B', (SELECT UserId FROM User WHERE Name = 'Alice Smith')),
(UUID(), 'Community C', (SELECT UserId FROM User WHERE Name = 'Bob Johnson')),
(UUID(), 'Community D', (SELECT UserId FROM User WHERE Name = 'Eva Brown')),
(UUID(), 'Community E', (SELECT UserId FROM User WHERE Name = 'Emily White')),
(UUID(), 'Community F', (SELECT UserId FROM User WHERE Name = 'Michael Jones')),
(UUID(), 'Community G', (SELECT UserId FROM User WHERE Name = 'Sarah Wilson')),
(UUID(), 'Community H', (SELECT UserId FROM User WHERE Name = 'David Lee')),
(UUID(), 'Community I', (SELECT UserId FROM User WHERE Name = 'Emma Taylor')),
(UUID(), 'Community J', (SELECT UserId FROM User WHERE Name = 'Matthew
Brown'));
```

-- Inserting dummy data into the Borrow_Request table

```
INSERT INTO Borrow_Request (RequestId, BorrowerID, CommunityID,
AmountRequested, ReturnPeriod, Status, Timestamp, CollectedAmount,
TargetAmount)
VALUES
(UUID(), (SELECT UserId FROM User WHERE Name = 'Emily White'), (SELECT
CommunityId FROM Community WHERE CommunityName = 'Community A'),
2000.00, 60, 'Pending', NOW(), 0.00, 2500.00),
(UUID(), (SELECT UserId FROM User WHERE Name = 'Michael Jones'), (SELECT
CommunityId FROM Community WHERE CommunityName = 'Community A'),
1800.00, 35, 'Fulfilled', NOW(), 0.00, 2200.00),
(UUID(), (SELECT UserId FROM User WHERE Name = 'John Doe'), (SELECT
CommunityId FROM Community WHERE CommunityName = 'Community A'),
1000.00, 30, 'Pending', NOW(), 0.00, 1500.00),
(UUID(), (SELECT UserId FROM User WHERE Name = 'Sarah Wilson'), (SELECT
CommunityId FROM Community WHERE CommunityName = 'Community B'), 900.00,
25, 'Pending', NOW(), 0.00, 1300.00),
(UUID(), (SELECT UserId FROM User WHERE Name = 'David Lee'), (SELECT
CommunityId FROM Community WHERE CommunityName = 'Community B'),
1600.00, 30, 'Fulfilled', NOW(), 0.00, 2000.00),
(UUID(), (SELECT UserId FROM User WHERE Name = 'Alice Smith'), (SELECT
CommunityId FROM Community WHERE CommunityName = 'Community B'),
1500.00, 45, 'Pending', NOW(), 0.00, 2000.00),
(UUID(), (SELECT UserId FROM User WHERE Name = 'Emma Taylor'), (SELECT
CommunityId FROM Community WHERE CommunityName = 'Community C'), 700.00,
20, 'Pending', NOW(), 0.00, 1000.00),
```

(UUID(), (SELECT UserId FROM User WHERE Name = 'Matthew Brown'), (SELECT
 CommunityId FROM Community WHERE CommunityName = 'Community C'),
 1100.00, 35, 'Pending', NOW(), 0.00, 1500.00),
 (UUID(), (SELECT UserId FROM User WHERE Name = 'Bob Johnson'), (SELECT
 CommunityId FROM Community WHERE CommunityName = 'Community C'), 800.00,
 20, 'Pending', NOW(), 0.00, 1200.00),
 (UUID(), (SELECT UserId FROM User WHERE Name = 'Olivia Johnson'), (SELECT
 CommunityId FROM Community WHERE CommunityName = 'Community D'),
 1300.00, 30, 'Pending', NOW(), 0.00, 1700.00),
 (UUID(), (SELECT UserId FROM User WHERE Name = 'Daniel Clark'), (SELECT
 CommunityId FROM Community WHERE CommunityName = 'Community D'),
 1400.00, 40, 'Fulfilled', NOW(), 0.00, 1800.00),
 (UUID(), (SELECT UserId FROM User WHERE Name = 'Sophie Taylor'), (SELECT
 CommunityId FROM Community WHERE CommunityName = 'Community D'), 900.00,
 25, 'Pending', NOW(), 0.00, 1200.00),
 (UUID(), (SELECT UserId FROM User WHERE Name = 'William Martinez'), (SELECT
 CommunityId FROM Community WHERE CommunityName = 'Community E'),
 1000.00, 30, 'Pending', NOW(), 0.00, 1400.00),
 (UUID(), (SELECT UserId FROM User WHERE Name = 'Ava Rivera'), (SELECT
 CommunityId FROM Community WHERE CommunityName = 'Community E'),
 1900.00, 50, 'Fulfilled', NOW(), 0.00, 2400.00),
 (UUID(), (SELECT UserId FROM User WHERE Name = 'Evelyn Cruz'), (SELECT
 CommunityId FROM Community WHERE CommunityName = 'Community E'), 850.00,
 25, 'Pending', NOW(), 0.00, 1200.00),
 (UUID(), (SELECT UserId FROM User WHERE Name = 'James Johnson'), (SELECT
 CommunityId FROM Community WHERE CommunityName = 'Community F'),
 1100.00, 30, 'Pending', NOW(), 0.00, 1500.00),
 (UUID(), (SELECT UserId FROM User WHERE Name = 'Sophia Garcia'), (SELECT
 CommunityId FROM Community WHERE CommunityName = 'Community F'),
 1200.00, 35, 'Fulfilled', NOW(), 0.00, 1600.00),
 (UUID(), (SELECT UserId FROM User WHERE Name = 'Christopher Smith'), (SELECT
 CommunityId FROM Community WHERE CommunityName = 'Community F'),
 1500.00, 40, 'Pending', NOW(), 0.00, 2000.00),
 (UUID(), (SELECT UserId FROM User WHERE Name = 'Lucas Ramirez'), (SELECT
 CommunityId FROM Community WHERE CommunityName = 'Community G'), 850.00,
 25, 'Pending', NOW(), 0.00, 1200.00),
 (UUID(), (SELECT UserId FROM User WHERE Name = 'Ella Harris'), (SELECT
 CommunityId FROM Community WHERE CommunityName = 'Community G'),
 1700.00, 40, 'Pending', NOW(), 0.00, 2200.00),
 (UUID(), (SELECT UserId FROM User WHERE Name = 'Oliver Brown'), (SELECT
 CommunityId FROM Community WHERE CommunityName = 'Community G'),
 1200.00, 35, 'Pending', NOW(), 0.00, 1600.00),
 (UUID(), (SELECT UserId FROM User WHERE Name = 'Scarlett Wilson'), (SELECT
 CommunityId FROM Community WHERE CommunityName = 'Community H'), 800.00,
 20, 'Pending', NOW(), 0.00, 1100.00),

```

(UUID(), (SELECT UserId FROM User WHERE Name = 'Daniel Clark'), (SELECT
CommunityId FROM Community WHERE CommunityName = 'Community H'),
1500.00, 45, 'Fulfilled', NOW(), 0.00, 2000.00),
(UUID(), (SELECT UserId FROM User WHERE Name = 'Emma Miller'), (SELECT
CommunityId FROM Community WHERE CommunityName = 'Community H'),
1000.00, 30, 'Pending', NOW(), 0.00, 1400.00),
(UUID(), (SELECT UserId FROM User WHERE Name = 'Mia Lopez'), (SELECT
CommunityId FROM Community WHERE CommunityName = 'Community I'), 1500.00,
35, 'Pending', NOW(), 0.00, 2000.00),
(UUID(), (SELECT UserId FROM User WHERE Name = 'Logan Martin'), (SELECT
CommunityId FROM Community WHERE CommunityName = 'Community I'), 1100.00,
30, 'Pending', NOW(), 0.00, 1500.00),
(UUID(), (SELECT UserId FROM User WHERE Name = 'Charlotte Flores'), (SELECT
CommunityId FROM Community WHERE CommunityName = 'Community I'), 1200.00,
25, 'Fulfilled', NOW(), 0.00, 1600.00),
(UUID(), (SELECT UserId FROM User WHERE Name = 'Jacob Rodriguez'), (SELECT
CommunityId FROM Community WHERE CommunityName = 'Community J'), 1000.00,
30, 'Pending', NOW(), 0.00, 1400.00),
(UUID(), (SELECT UserId FROM User WHERE Name = 'Emma Hernandez'), (SELECT
CommunityId FROM Community WHERE CommunityName = 'Community J'), 1900.00,
50, 'Fulfilled', NOW(), 0.00, 2400.00),
(UUID(), (SELECT UserId FROM User WHERE Name = 'Michael Johnson'), (SELECT
CommunityId FROM Community WHERE CommunityName = 'Community J'), 1200.00,
35, 'Pending', NOW(), 0.00, 1600.00);

```

-- Inserting dummy data into the Lending_History table

```

INSERT INTO Lending_History (LenderId, BorrowerId, LendTransactionId, RequestId,
Amount, Timestamp)
VALUES
((SELECT UserId FROM User WHERE Name = 'David Lee' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'Emma Taylor' LIMIT 1), UUID(), (SELECT RequestId
FROM Borrow_Request WHERE AmountRequested = 700.00 LIMIT 1), 100.00,
NOW()),
((SELECT UserId FROM User WHERE Name = 'Emma Taylor' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'John Doe' LIMIT 1), UUID(), (SELECT RequestId FROM
Borrow_Request WHERE AmountRequested = 1000.00 LIMIT 1), 200.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'John Doe' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'Matthew Brown' LIMIT 1), UUID(), (SELECT RequestId
FROM Borrow_Request WHERE AmountRequested = 1100.00 LIMIT 1), 300.00,
NOW()),
((SELECT UserId FROM User WHERE Name = 'Matthew Brown' LIMIT 1), (SELECT
UserId FROM User WHERE Name = 'Sarah Wilson' LIMIT 1), UUID(), (SELECT
RequestId FROM Borrow_Request WHERE AmountRequested = 900.00 LIMIT 1),
400.00, NOW()),

```

```

((SELECT UserId FROM User WHERE Name = 'Sarah Wilson' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'Olivia Johnson' LIMIT 1), UUID(), (SELECT RequestId
FROM Borrow_Request WHERE AmountRequested = 1300.00 LIMIT 1), 500.00,
NOW()),
((SELECT UserId FROM User WHERE Name = 'Olivia Johnson' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'Sophia Garcia' LIMIT 1), UUID(), (SELECT RequestId
FROM Borrow_Request WHERE AmountRequested = 900.00 LIMIT 1), 100.00,
NOW()),
((SELECT UserId FROM User WHERE Name = 'Sophia Garcia' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'David Lee' LIMIT 1), UUID(), (SELECT RequestId FROM
Borrow_Request WHERE AmountRequested = 1600.00 LIMIT 1), 200.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'David Lee' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'James Hernandez' LIMIT 1), UUID(), (SELECT RequestId
FROM Borrow_Request WHERE AmountRequested = 2000.00 LIMIT 1), 300.00,
NOW()),
((SELECT UserId FROM User WHERE Name = 'James Hernandez' LIMIT 1), (SELECT
UserId FROM User WHERE Name = 'Emily White' LIMIT 1), UUID(), (SELECT RequestId
FROM Borrow_Request WHERE AmountRequested = 2000.00 LIMIT 1), 400.00,
NOW()),
((SELECT UserId FROM User WHERE Name = 'Emily White' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'Michael Jones' LIMIT 1), UUID(), (SELECT RequestId
FROM Borrow_Request WHERE AmountRequested = 1800.00 LIMIT 1), 500.00,
NOW()),
((SELECT UserId FROM User WHERE Name = 'Michael Jones' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'Bob Johnson' LIMIT 1), UUID(), (SELECT RequestId FROM
Borrow_Request WHERE AmountRequested = 800.00 LIMIT 1), 600.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'Bob Johnson' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'Emma Taylor' LIMIT 1), UUID(), (SELECT RequestId
FROM Borrow_Request WHERE AmountRequested = 700.00 LIMIT 1), 700.00,
NOW()),
((SELECT UserId FROM User WHERE Name = 'Emma Taylor' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'Matthew Brown' LIMIT 1), UUID(), (SELECT RequestId
FROM Borrow_Request WHERE AmountRequested = 1100.00 LIMIT 1), 800.00,
NOW()),
((SELECT UserId FROM User WHERE Name = 'Matthew Brown' LIMIT 1), (SELECT
UserId FROM User WHERE Name = 'Sarah Wilson' LIMIT 1), UUID(), (SELECT
RequestId FROM Borrow_Request WHERE AmountRequested = 900.00 LIMIT 1),
900.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'Sarah Wilson' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'Olivia Johnson' LIMIT 1), UUID(), (SELECT RequestId
FROM Borrow_Request WHERE AmountRequested = 1300.00 LIMIT 1), 1000.00,
NOW()),
((SELECT UserId FROM User WHERE Name = 'Olivia Johnson' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'Sophia Garcia' LIMIT 1), UUID(), (SELECT RequestId
FROM Borrow_Request WHERE AmountRequested = 900.00 LIMIT 1), 200.00,
NOW()),

```

```

((SELECT UserId FROM User WHERE Name = 'Sophia Garcia' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'David Lee' LIMIT 1), UUID(), (SELECT RequestId FROM
Borrow_Request WHERE AmountRequested = 1600.00 LIMIT 1), 300.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'David Lee' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'James Hernandez' LIMIT 1), UUID(), (SELECT RequestId
FROM Borrow_Request WHERE AmountRequested = 2000.00 LIMIT 1), 400.00,
NOW()),
((SELECT UserId FROM User WHERE Name = 'James Hernandez' LIMIT 1), (SELECT
UserId FROM User WHERE Name = 'Emily White' LIMIT 1), UUID(), (SELECT RequestId
FROM Borrow_Request WHERE AmountRequested = 2000.00 LIMIT 1), 500.00,
NOW()),
((SELECT UserId FROM User WHERE Name = 'Emily White' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'Michael Jones' LIMIT 1), UUID(), (SELECT RequestId
FROM Borrow_Request WHERE AmountRequested = 1800.00 LIMIT 1), 600.00,
NOW()),
((SELECT UserId FROM User WHERE Name = 'Michael Jones' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'Bob Johnson' LIMIT 1), UUID(), (SELECT RequestId FROM
Borrow_Request WHERE AmountRequested = 800.00 LIMIT 1), 700.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'Bob Johnson' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'Emma Taylor' LIMIT 1), UUID(), (SELECT RequestId
FROM Borrow_Request WHERE AmountRequested = 700.00 LIMIT 1), 800.00,
NOW()),
((SELECT UserId FROM User WHERE Name = 'Emma Taylor' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'Matthew Brown' LIMIT 1), UUID(), (SELECT RequestId
FROM Borrow_Request WHERE AmountRequested = 1100.00 LIMIT 1), 900.00,
NOW()),
((SELECT UserId FROM User WHERE Name = 'Matthew Brown' LIMIT 1), (SELECT
UserId FROM User WHERE Name = 'Sarah Wilson' LIMIT 1), UUID(), (SELECT
RequestId FROM Borrow_Request WHERE AmountRequested = 900.00 LIMIT 1),
1000.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'Sarah Wilson' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'Olivia Johnson' LIMIT 1), UUID(), (SELECT RequestId
FROM Borrow_Request WHERE AmountRequested = 1300.00 LIMIT 1), 200.00,
NOW()),
((SELECT UserId FROM User WHERE Name = 'Olivia Johnson' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'Sophia Garcia' LIMIT 1), UUID(), (SELECT RequestId
FROM Borrow_Request WHERE AmountRequested = 900.00 LIMIT 1), 300.00,
NOW()),
((SELECT UserId FROM User WHERE Name = 'Sophia Garcia' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'David Lee' LIMIT 1), UUID(), (SELECT RequestId FROM
Borrow_Request WHERE AmountRequested = 1600.00 LIMIT 1), 400.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'David Lee' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'James Hernandez' LIMIT 1), UUID(), (SELECT RequestId
FROM Borrow_Request WHERE AmountRequested = 2000.00 LIMIT 1), 500.00,
NOW()),
((SELECT UserId FROM User WHERE Name = 'James Hernandez' LIMIT 1), (SELECT
UserId FROM User WHERE Name = 'Emily White' LIMIT 1), UUID(), (SELECT RequestId

```



```

FROM Borrow_Request WHERE AmountRequested = 2000.00 LIMIT 1), 600.00,
NOW()),
((SELECT UserId FROM User WHERE Name = 'Emily White' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'Michael Jones' LIMIT 1), UUID(), (SELECT RequestId
FROM Borrow_Request WHERE AmountRequested = 1800.00 LIMIT 1), 700.00,
NOW()),
((SELECT UserId FROM User WHERE Name = 'Michael Jones' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'Bob Johnson' LIMIT 1), UUID(), (SELECT RequestId FROM
Borrow_Request WHERE AmountRequested = 800.00 LIMIT 1), 800.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'Bob Johnson' LIMIT 1), (SELECT UserId
FROM User WHERE Name = 'Emma Taylor' LIMIT 1), UUID(), (SELECT RequestId
FROM Borrow_Request WHERE AmountRequested = 700.00 LIMIT 1), 900.00,
NOW());

```

-- Inserting dummy data into the Repayment_History table

```

INSERT INTO Repayment_History (PayerId, PayeeId, RepayTransactionId, RequestId,
Amount, Timestamp)
VALUES
((SELECT UserId FROM User WHERE Name = 'Alice Smith'), (SELECT UserId FROM
User WHERE Name = 'John Doe'), UUID(), (SELECT RequestId FROM Borrow_Request
WHERE AmountRequested = 1000.00 AND BorrowerID = (SELECT UserId FROM User
WHERE Name = 'John Doe')), 200.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'Bob Johnson'), (SELECT UserId FROM
User WHERE Name = 'Alice Smith'), UUID(), (SELECT RequestId FROM
Borrow_Request WHERE AmountRequested = 1500.00 AND BorrowerID = (SELECT
UserId FROM User WHERE Name = 'Alice Smith')), 400.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'Emily White'), (SELECT UserId FROM
User WHERE Name = 'Michael Jones'), UUID(), (SELECT RequestId FROM
Borrow_Request WHERE AmountRequested = 1800.00 AND BorrowerID = (SELECT
UserId FROM User WHERE Name = 'Michael Jones')), 600.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'Michael Jones'), (SELECT UserId FROM
User WHERE Name = 'John Doe'), UUID(), (SELECT RequestId FROM Borrow_Request
WHERE AmountRequested = 1000.00 AND BorrowerID = (SELECT UserId FROM User
WHERE Name = 'John Doe')), 400.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'John Doe'), (SELECT UserId FROM User
WHERE Name = 'Sarah Wilson'), UUID(), (SELECT RequestId FROM Borrow_Request
WHERE AmountRequested = 900.00 AND BorrowerID = (SELECT UserId FROM User
WHERE Name = 'Sarah Wilson')), 300.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'Sarah Wilson'), (SELECT UserId FROM
User WHERE Name = 'David Lee'), UUID(), (SELECT RequestId FROM Borrow_Request
WHERE AmountRequested = 1600.00 AND BorrowerID = (SELECT UserId FROM User
WHERE Name = 'David Lee')), 700.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'David Lee'), (SELECT UserId FROM User
WHERE Name = 'Emily White'), UUID(), (SELECT RequestId FROM Borrow_Request

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WHERE AmountRequested = 2000.00 AND BorrowerID = (SELECT UserId FROM User
 WHERE Name = 'Emily White')), 800.00, NOW()),
 ((SELECT UserId FROM User WHERE Name = 'Emily White'), (SELECT UserId FROM
 User WHERE Name = 'Emma Taylor'), UUID(), (SELECT RequestId FROM
 Borrow_Request WHERE AmountRequested = 700.00 AND BorrowerID = (SELECT
 UserId FROM User WHERE Name = 'Emma Taylor')), 200.00, NOW()),
 ((SELECT UserId FROM User WHERE Name = 'Emma Taylor'), (SELECT UserId FROM
 User WHERE Name = 'Matthew Brown'), UUID(), (SELECT RequestId FROM
 Borrow_Request WHERE AmountRequested = 1100.00 AND BorrowerID = (SELECT
 UserId FROM User WHERE Name = 'Matthew Brown')), 300.00, NOW()),
 ((SELECT UserId FROM User WHERE Name = 'Matthew Brown'), (SELECT UserId
 FROM User WHERE Name = 'Bob Johnson'), UUID(), (SELECT RequestId FROM
 Borrow_Request WHERE AmountRequested = 800.00 AND BorrowerID = (SELECT
 UserId FROM User WHERE Name = 'Bob Johnson')), 400.00, NOW()),
 ((SELECT UserId FROM User WHERE Name = 'Bob Johnson'), (SELECT UserId FROM
 User WHERE Name = 'Olivia Johnson'), UUID(), (SELECT RequestId FROM
 Borrow_Request WHERE AmountRequested = 1300.00 AND BorrowerID = (SELECT
 UserId FROM User WHERE Name = 'Olivia Johnson')), 500.00, NOW()),
 ((SELECT UserId FROM User WHERE Name = 'Olivia Johnson'), (SELECT UserId FROM
 User WHERE Name = 'Daniel Clark'), UUID(), (SELECT RequestId FROM
 Borrow_Request WHERE AmountRequested = 1400.00 AND BorrowerID = (SELECT
 UserId FROM User WHERE Name = 'Daniel Clark')), 600.00, NOW()),
 ((SELECT UserId FROM User WHERE Name = 'Daniel Clark'), (SELECT UserId FROM
 User WHERE Name = 'Sophia Garcia'), UUID(), (SELECT RequestId FROM
 Borrow_Request WHERE AmountRequested = 900.00 AND BorrowerID = (SELECT
 UserId FROM User WHERE Name = 'Sophia Garcia')), 300.00, NOW()),
 ((SELECT UserId FROM User WHERE Name = 'Sophia Garcia'), (SELECT UserId FROM
 User WHERE Name = 'James Hernandez'), UUID(), (SELECT RequestId FROM
 Borrow_Request WHERE AmountRequested = 2000.00 AND BorrowerID = (SELECT
 UserId FROM User WHERE Name = 'James Hernandez')), 700.00, NOW()),
 ((SELECT UserId FROM User WHERE Name = 'James Hernandez'), (SELECT UserId
 FROM User WHERE Name = 'Mia Lopez'), UUID(), (SELECT RequestId FROM
 Borrow_Request WHERE AmountRequested = 850.00 AND BorrowerID = (SELECT
 UserId FROM User WHERE Name = 'Mia Lopez')), 150.00, NOW()),
 ((SELECT UserId FROM User WHERE Name = 'Mia Lopez'), (SELECT UserId FROM User
 WHERE Name = 'Alexander Perez'), UUID(), (SELECT RequestId FROM
 Borrow_Request WHERE AmountRequested = 1700.00 AND BorrowerID = (SELECT
 UserId FROM User WHERE Name = 'Alexander Perez')), 600.00, NOW()),
 ((SELECT UserId FROM User WHERE Name = 'Alexander Perez'), (SELECT UserId
 FROM User WHERE Name = 'Benjamin Gonzalez'), UUID(), (SELECT RequestId FROM
 Borrow_Request WHERE AmountRequested = 1100.00 AND BorrowerID = (SELECT
 UserId FROM User WHERE Name = 'Benjamin Gonzalez')), 200.00, NOW()),
 ((SELECT UserId FROM User WHERE Name = 'Benjamin Gonzalez'), (SELECT UserId
 FROM User WHERE Name = 'Charlotte Flores'), UUID(), (SELECT RequestId FROM
 Borrow_Request WHERE AmountRequested = 1200.00 AND BorrowerID = (SELECT
 UserId FROM User WHERE Name = 'Charlotte Flores')), 400.00, NOW()),

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((SELECT UserId FROM User WHERE Name = 'Charlotte Flores'), (SELECT UserId FROM
User WHERE Name = 'Amelia Sanchez'), UUID(), (SELECT RequestId FROM
Borrow_Request WHERE AmountRequested = 800.00 AND BorrowerID = (SELECT
UserId FROM User WHERE Name = 'Amelia Sanchez')), 300.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'Amelia Sanchez'), (SELECT UserId FROM
User WHERE Name = 'Lucas Ramirez'), UUID(), (SELECT RequestId FROM
Borrow_Request WHERE AmountRequested = 1500.00 AND BorrowerID = (SELECT
UserId FROM User WHERE Name = 'Lucas Ramirez')), 500.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'Evelyn Cruz'), (SELECT UserId FROM
User WHERE Name = 'Michael Jones'), UUID(), (SELECT RequestId FROM
Borrow_Request WHERE AmountRequested = 1800.00 AND BorrowerID = (SELECT
UserId FROM User WHERE Name = 'Michael Jones')), 300.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'Michael Jones'), (SELECT UserId FROM
User WHERE Name = 'Emily White'), UUID(), (SELECT RequestId FROM
Borrow_Request WHERE AmountRequested = 2000.00 AND BorrowerID = (SELECT
UserId FROM User WHERE Name = 'Emily White')), 400.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'Emily White'), (SELECT UserId FROM
User WHERE Name = 'David Lee'), UUID(), (SELECT RequestId FROM Borrow_Request
WHERE AmountRequested = 1600.00 AND BorrowerID = (SELECT UserId FROM User
WHERE Name = 'David Lee')), 200.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'David Lee'), (SELECT UserId FROM User
WHERE Name = 'Sarah Wilson'), UUID(), (SELECT RequestId FROM Borrow_Request
WHERE AmountRequested = 900.00 AND BorrowerID = (SELECT UserId FROM User
WHERE Name = 'Sarah Wilson')), 300.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'Sarah Wilson'), (SELECT UserId FROM
User WHERE Name = 'Michael Jones'), UUID(), (SELECT RequestId FROM
Borrow_Request WHERE AmountRequested = 1800.00 AND BorrowerID = (SELECT
UserId FROM User WHERE Name = 'Michael Jones')), 400.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'Michael Jones'), (SELECT UserId FROM
User WHERE Name = 'Emily White'), UUID(), (SELECT RequestId FROM
Borrow_Request WHERE AmountRequested = 2000.00 AND BorrowerID = (SELECT
UserId FROM User WHERE Name = 'Emily White')), 500.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'Emily White'), (SELECT UserId FROM
User WHERE Name = 'David Lee'), UUID(), (SELECT RequestId FROM Borrow_Request
WHERE AmountRequested = 1600.00 AND BorrowerID = (SELECT UserId FROM User
WHERE Name = 'David Lee')), 600.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'Lucas Ramirez'), (SELECT UserId FROM
User WHERE Name = 'William Torres'), UUID(), (SELECT RequestId FROM
Borrow_Request WHERE AmountRequested = 1000.00 AND BorrowerID = (SELECT
UserId FROM User WHERE Name = 'William Torres')), 200.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'William Torres'), (SELECT UserId FROM
User WHERE Name = 'Ava Rivera'), UUID(), (SELECT RequestId FROM
Borrow_Request WHERE AmountRequested = 1900.00 AND BorrowerID = (SELECT
UserId FROM User WHERE Name = 'Ava Rivera')), 400.00, NOW()),
((SELECT UserId FROM User WHERE Name = 'Ava Rivera'), (SELECT UserId FROM User
WHERE Name = 'Evelyn Cruz'), UUID(), (SELECT RequestId FROM Borrow_Request

```

```
WHERE AmountRequested = 850.00 AND BorrowerID = (SELECT UserId FROM User
WHERE Name = 'Evelyn Cruz')), 150.00, NOW());
```

-- Generate and insert dummy data into the Wallet table for each user

```
INSERT INTO Wallet (WalletId, UserId, Balance)
SELECT
    UUID() AS WalletId,
    UserId,
    ROUND(RAND() * 100000, 2) AS Balance
FROM
    User;
```