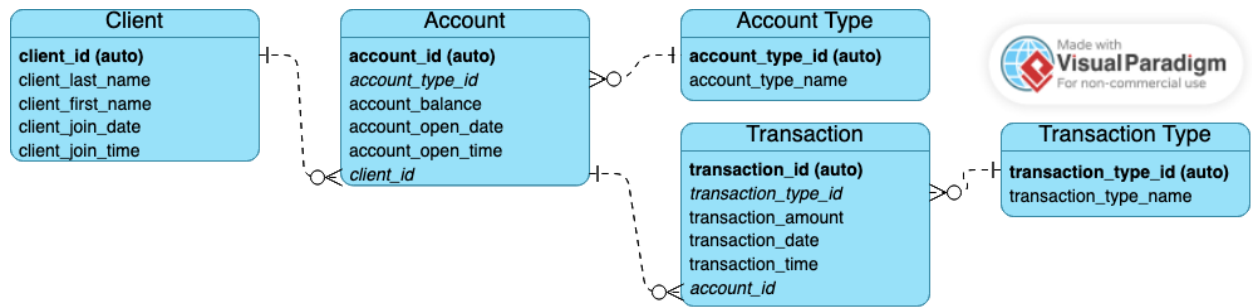


Group 6 Wilson

Members: Alejandro Quezada, Anthony Williams, Dave Hunter

## Revised ERD:



## Data Displayed From Tables:

```
MySQL 127.0.0.1:33060+ ssl SQL > create database Willson;
Query OK, 1 row affected (0.0087 sec)
MySQL 127.0.0.1:33060+ ssl SQL > show databases;
+-----+
| Database |
+-----+
| information_schema |
| movies |
| mysql |
| performance_schema |
| sakila |
| sys |
| willson |
| world |
+-----+
8 rows in set (0.0008 sec)
MySQL 127.0.0.1:33060+ ssl SQL > show tables from willson;
+-----+
| Tables_in_willson |
+-----+
| account |
| account_type |
| client |
| transaction |
| transaction_type |
+-----+
5 rows in set (0.0015 sec)
MySQL 127.0.0.1:33060+ ssl SQL >
```

Group 6 Wilson

Members: Alejandro Quezada, Anthony Williams, Dave Hunter

```
PS C:\Users\Alex\Documents\GitHub\csd-310> & C:/Python/python.exe c:/Python/MySQL/mysql.py
Database user dba to connected to MySQL on host 127.0.0.1 with databa

-- DISPLAYING client RECORDS --

Client ID: 1
First Name: Jerry
Last Name: Smith
Join Date 2023-07-05
Join Time: 17:57:00

Client ID: 2
First Name: Ethan
Last Name: King
Join Date 2023-08-15
Join Time: 9:56:00

Client ID: 3
First Name: Julie
Last Name: Book
Join Date 2023-10-06
Join Time: 14:14:00

Client ID: 4
First Name: Fred
Last Name: McGuire
Join Date 2023-10-24
Join Time: 16:29:00

Client ID: 5
First Name: Sally
Last Name: Jensen
Join Date 2023-10-31
Join Time: 14:01:00

Client ID: 6
First Name: Thomas
Last Name: Pinkman
Join Date 2023-12-01
Join Time: 9:40:00
```

## Group 6 Wilson

Members: Alejandro Quezada, Anthony Williams, Dave Hunter

--DISPLAYING account RECORDS --

Account ID: 1  
Type: checking  
Balance: \$7500.00  
Account Open Date 2023-04-01  
Account Open Time: 16:47:00  
Account Owner: Thomas Pinkman

Account ID: 2  
Type: checking  
Balance: \$255.00  
Account Open Date 2023-04-10  
Account Open Time: 9:49:00  
Account Owner: Ethan King

Account ID: 4  
Type: checking  
Balance: \$654.00  
Account Open Date 2023-02-02  
Account Open Time: 9:19:00  
Account Owner: Jerry Smith

Account ID: 5  
Type: savings  
Balance: \$12214.00  
Account Open Date 2023-01-05  
Account Open Time: 2:15:00  
Account Owner: Jerry Smith

Account ID: 6  
Type: savings  
Balance: \$1443.00  
Account Open Date 2023-08-02  
Account Open Time: 14:14:00  
Account Owner: Julie Book

Account ID: 8  
Type: savings  
Balance: \$3324.00  
Account Open Date 2023-06-25  
Account Open Time: 8:23:00  
Account Owner: Sally Jensen

Account ID: 3  
Type: investment  
Balance: \$522.00  
Account Open Date 2023-05-01  
Account Open Time: 8:16:00  
Account Owner: Fred McGuire

Account ID: 7  
Type: investment  
Balance: \$2100.00

Account Open Date 2023-01-15  
Account Open Time: 9:11:00  
Account Owner: Fred McGuire

Group 6 Wilson

Members: Alejandro Quezada, Anthony Williams, Dave Hunter

```
-- DISPLAYING transaction_types RECORDS --
```

```
Transaction Type ID: 1
```

```
Type Name: withdrawal
```

```
Transaction Type ID: 2
```

```
Type Name: deposit
```

```
Transaction Type ID: 3
```

```
Type Name: transfer
```

```
-- DISPLAYING account_type RECORDS --
```

```
Account Type ID: 1
```

```
Type Name checking
```

```
Account Type ID: 2
```

```
Type Name savings
```

```
Account Type ID: 3
```

```
Type Name investment
```

```

PS C:\Users\Alex\Documents\GitHub\csd
Database user dba to connected to My

-- DISPLAYING transaction RECORDS --

Transaction ID: 1
Type: 1
Amount: $6000.00
Date: 2023-05-08
Time: 4:54:46
Account Owner: 1

Transaction ID: 2
Type: 1
Amount: $120.00
Date: 2023-12-30
Time: 9:11:25
Account Owner: 1

Transaction ID: 3
Type: 3
Amount: $6000.00
Date: 2023-05-08
Time: 16:54:00
Account Owner: 1

Transaction ID: 4
Type: 3
Amount: $120.00
Date: 2023-12-30
Time: 21:11:25
Account Owner: 1

Transaction ID: 5
Type: 1
Amount: $1500.00
Date: 2023-10-06
Time: 21:33:11
Account Owner: 1

Transaction ID: 6
Type: 1
Amount: $522.00
Date: 2023-04-06
Time: 20:48:31
Account Owner: 1

Transaction ID: 7
Type: 3
Amount: $700.00
Date: 2023-12-25
Time: 11:43:04

Transaction ID: 8
Type: 2
Amount: $46.00
Date: 2023-04-28
Time: 20:08:17
Account Owner: 2

Transaction ID: 9
Type: 2
Amount: $93.00
Date: 2023-07-07
Time: 21:02:47
Account Owner: 2

Transaction ID: 10
Type: 2
Amount: $135.00
Date: 2023-06-01
Time: 18:57:57
Account Owner: 2

Transaction ID: 11
Type: 2
Amount: $58.00
Date: 2023-05-14
Time: 13:15:53
Account Owner: 2

Transaction ID: 12
Type: 1
Amount: $2000.00
Date: 2023-06-17
Time: 20:38:04
Account Owner: 3

Transaction ID: 13
Type: 2
Amount: $1755.00
Date: 2023-10-21
Time: 20:38:13
Account Owner: 3

Transaction ID: 14
Type: 2
Amount: $2368.00
Date: 2023-08-24
Time: 18:15:05
Account Owner: 7

Transaction ID: 15
Type: 2
Amount: $26.00
Date: 2023-01-13
Time: 18:38:00
Account Owner: 7

Transaction ID: 16
Type: 2
Amount: $4000.00
Date: 2023-05-12
Time: 17:06:15
Account Owner: 7

Transaction ID: 17
Type: 2
Amount: $750.00
Date: 2023-11-13
Time: 12:08:46
Account Owner: 7

Transaction ID: 18
Type: 3
Amount: $1443.00
Date: 2023-08-16
Time: 20:44:23
Account Owner: 7

Transaction ID: 19
Type: 2
Amount: $50.00
Date: 2023-11-01
Time: 15:54:39
Account Owner: 7

Transaction ID: 20
Type: 3
Amount: $60.00
Date: 2023-07-05
Time: 16:49:56
Account Owner: 7

Transaction ID: 21
Type: 2
Amount: $75.00
Date: 2023-01-20
Time: 21:26:24
Account Owner: 7

Transaction ID: 22
Type: 2
Amount: $57.00
Date: 2023-06-20
Time: 16:18:17
Account Owner: 4

Transaction ID: 23
Type: 2
Amount: $123.00
Date: 2023-03-02
Time: 16:34:28
Account Owner: 4

```

Group 6 Wilson

Members: Alejandro Quezada, Anthony Williams, Dave Hunter

Transaction ID: 24 Type: 2 Amount: \$211.00 Date: 2023-05-01 Time: 14:09:26 Account Owner: 4	Transaction ID: 32 Type: 3 Amount: \$78.00 Date: 2023-10-16 Time: 11:42:31 Account Owner: 5	Transaction ID: 40 Type: 2 Amount: \$34.00 Date: 2023-05-15 Time: 11:13:49 Account Owner: 5
Transaction ID: 25 Type: 2 Amount: \$34.00 Date: 2023-09-14 Time: 11:34:56 Account Owner: 4	Transaction ID: 33 Type: 3 Amount: \$345.00 Date: 2023-02-12 Time: 19:24:26 Account Owner: 5	Transaction ID: 41 Type: 2 Amount: \$300.00 Date: 2023-04-28 Time: 21:53:20 Account Owner: 6
Transaction ID: 26 Type: 2 Amount: \$89.00 Date: 2023-06-28 Time: 15:21:03 Account Owner: 4	Transaction ID: 34 Type: 2 Amount: \$333.00 Date: 2023-06-23 Time: 19:52:57 Account Owner: 5	Transaction ID: 42 Type: 2 Amount: \$222.00 Date: 2023-03-28 Time: 14:47:47 Account Owner: 6
Transaction ID: 27 Type: 3 Amount: \$777.00 Date: 2023-03-26 Time: 21:29:46 Account Owner: 4	Transaction ID: 35 Type: 2 Amount: \$21.00 Date: 2023-08-19 Time: 13:45:59 Account Owner: 5	Transaction ID: 43 Type: 1 Amount: \$650.00 Date: 2023-03-14 Time: 20:03:39 Account Owner: 8
Transaction ID: 28 Type: 3 Amount: \$500.00 Date: 2023-11-05 Time: 11:43:42 Account Owner: 1	Transaction ID: 36 Type: 2 Amount: \$120.00 Date: 2023-04-12 Time: 11:04:02 Account Owner: 5	Transaction ID: 44 Type: 3 Amount: \$2122.00 Date: 2023-08-26 Time: 21:38:18 Account Owner: 8
Transaction ID: 29 Type: 2 Amount: \$55.00 Date: 2023-06-23 Time: 16:34:17 Account Owner: 1	Transaction ID: 37 Type: 2 Amount: \$120.00 Date: 2023-04-24 Time: 14:13:10 Account Owner: 5	Transaction ID: 45 Type: 1 Amount: \$1202.00 Date: 2023-07-03 Time: 17:07:14 Account Owner: 8
Transaction ID: 30 Type: 2 Amount: \$75.00 Date: 2023-10-23 Time: 14:05:35 Account Owner: 1	Transaction ID: 38 Type: 2 Amount: \$125.00 Date: 2023-11-23 Time: 12:29:14 Account Owner: 5	Transaction ID: 46 Type: 3 Amount: \$110.00 Date: 2023-07-17 Time: 15:47:13 Account Owner: 8
Transaction ID: 31 Type: 2 Amount: \$80.00 Date: 2023-09-19 Time: 13:50:07 Account Owner: 5	Transaction ID: 39 Type: 3 Amount: \$225.00 Date: 2023-10-25 Time: 14:28:38 Account Owner: 5	Transaction ID: 47 Type: 2 Amount: \$115.00 Date: 2023-04-15 Time: 13:02:17 Account Owner: 8