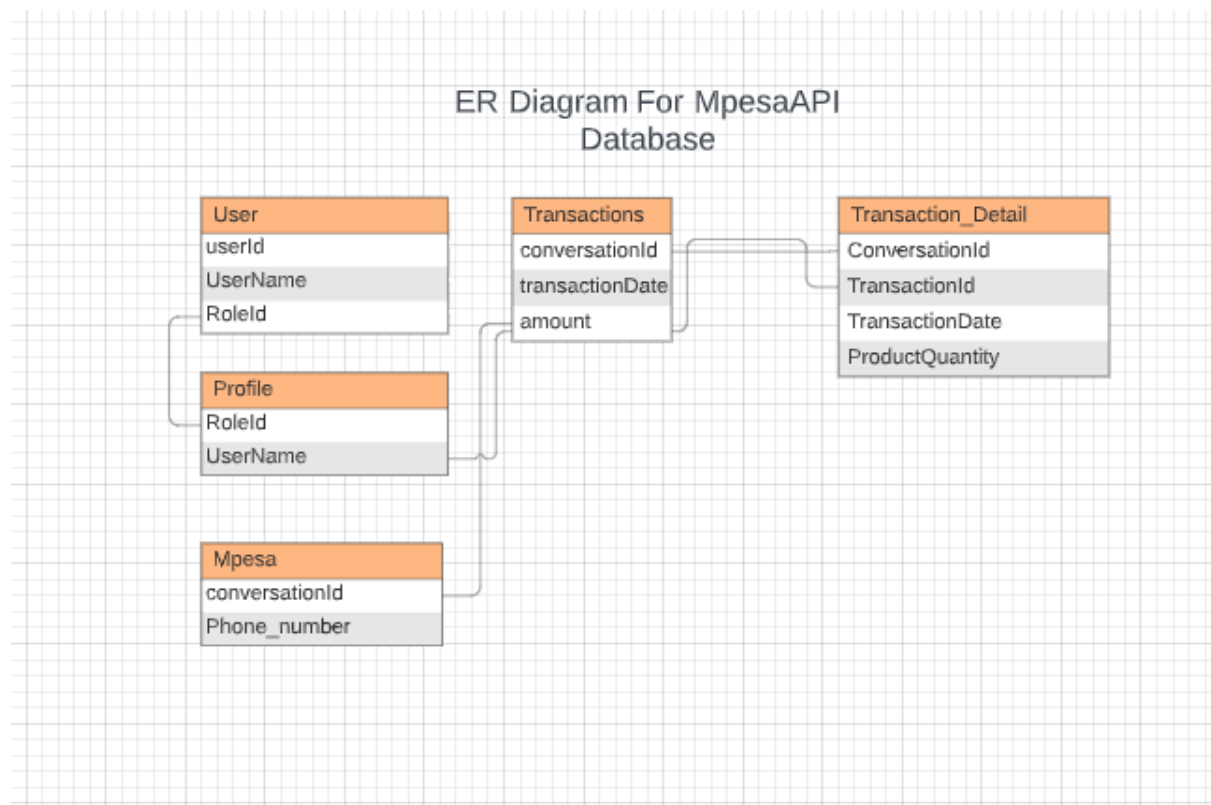


M-PESA API DATABASE:

The M-Pesa API database is an organized collection of information regarding Mpesa transaction endpoints calls.

The Database is organized as follows:

- It has users tables for storing all the user information
- It has a user profile table for organizing the profile information of the user
- We have the Transaction table for storing all the transactions resulting from the API call.
- We have the table with all the descriptions of the transactions including the time of the call



The Database Schema is attached in the .sql file with all the queries required below it.

Database schema is attached: schema.sql

g. Examples of queries applied to the Database

```
INSERT INTO Mpesa(column1, column2, column3)
VALUES ("134543erwe32", "+1(456)456987", 4)
VALUES ("22fe2r45gfft", "+254710248170", 7);
```

```
select users.userName
FROM Transactions
INNER JOIN users ON conversations.id=users.id
WHERE ROLE_id = 1;
```

```
INSERT INTO Transactions(column1, column2, column3)
VALUES (1, "buy goods", 4)
VALUES (2, "gift a Friend", 7);
```

h. Attached inside models.sql

I. printouts

```
AG_20221207_20104de1174f7f3d95e5 | QL711LQ0XZ | 10 | 2022-12-07 12:00:53.274643+03 | 254708374149 | John Doe | Y | -5940 | 10004677
AG_20221207_20100ca6164912641d3a | QL751LQ0YD | 10 | 2022-12-07 12:04:23.877144+03 | 254708374149 | John Doe | Y | -5940 | 10004634
AG_20221207_20103a93a6147e43e61d | QL781LQ0YG | 10 | 2022-12-07 12:05:15.153247+03 | 254708374149 | John Doe | Y | -5940 | 10004590
AG_20221207_20103d3ac4c3f0b4a39e | QL731LQ0ZP | 10 | 2022-12-07 12:12:25.411918+03 | 254708374149 | John Doe | Y | -5940 | 10004546
AG_20221207_201077fd9bd1703ed43ff | QL701LQ124 | 10 | 2022-12-07 12:18:11.847038+03 | 254708374149 | John Doe | Y | -5940 | 10004503
AG_20221207_201077a647c72268a03d | QL781LQ12C | 10 | 2022-12-07 12:18:26.925597+03 | 254708374149 | John Doe | Y | -5940 | 10004459
AG_20221207_20105555305f4d647ba1 | QL791LQ12D | 10 | 2022-12-07 12:18:47.137944+03 | 254708374149 | John Doe | Y | -5940 | 10004416
AG_20221207_201046abf7073cee30d8 | QL711LQ14D | 10 | 2022-12-07 12:25:53.882609+03 | 254708374149 | John Doe | Y | -5940 | 10004372
AG_20221207_20105ca0811ab11ee938 | QL751LQ10F | 10 | 2022-12-07 12:31:57.035776+03 | 254708374149 | John Doe | Y | -5940 | 10004328
AG_20221207_20104e9a9fdfe02871e6a | QL771LQ10R | 10 | 2022-12-07 12:32:20.330811+03 | 254708374149 | John Doe | Y | -5940 | 10004285
AG_20221207_20103b63456a74e1a040 | QL781LQ105 | 10 | 2022-12-07 12:32:45.973861+03 | 254708374149 | John Doe | Y | -5940 | 10004241
AG_20221207_201076717c34c3f0853b | QL731LQ181 | 10 | 2022-12-07 12:34:58.363932+03 | 254708374149 | John Doe | Y | -5940 | 10004198
AG_20221207_201077f4de6ec6d5d6a40 | QL791LQ1AP | 10 | 2022-12-07 12:45:05.905374+03 | 254708374149 | John Doe | Y | -5940 | 10004154
AG_20221207_20104f8fe08faf795438 | QL771LQ1C1 | 10 | 2022-12-07 12:51:46.905588+03 | 254708374149 | John Doe | Y | -5940 | 10004110
AG_20221207_20107545263f7d77fcc9 | QL731LQ1DV | 10 | 2022-12-07 12:59:18.536684+03 | 254708374149 | John Doe | Y | -5940 | 10003936
AG_20221207_201066aa850a6f2940e7 | QL791LQ1EB | 10 | 2022-12-07 13:00:26.650962+03 | 254708374149 | John Doe | Y | -5940 | 10003892
AG_20221207_20100ea3a3fa4dceb72a5 | QL731LQ1H7 | 10 | 2022-12-07 13:04:53.565056+03 | 254708374149 | John Doe | Y | -5940 | 10003849
AG_20221207_2010431037170175ffc5 | QL721LQ1IA | 10 | 2022-12-07 13:05:50.155183+03 | 254708374149 | John Doe | Y | -5940 | 10003805
AG_20221207_20100fc9f6f398082386 | QL751LQ1IN | 10 | 2022-12-07 13:06:08.449628+03 | 254708374149 | John Doe | Y | -5940 | 10003762
AG_20221207_201078dbcf99c3248b86 | QL761LQ2SI | 10 | 2022-12-07 16:51:54.081547+03 | 254708374149 | John Doe | Y | -5940 | 10003151
AG_20221207_2010420ae2ad6bdb71e | QL771LQ2UR | 10 | 2022-12-07 17:02:22.887227+03 | 254708374149 | John Doe | Y | -5940 | 10003108
ows)
```

Users

username	first_name	last_name	email	is_staff	is_active	date_joined
roney.juma@azubiafrica.org			roney.juma@azubiafrica.org	f	t	2022-11-28 13:00:35.222