1. Create Table users:

```
CREATE TABLE users (
    id SERIAL PRIMARY KEY,
    name VARCHAR(100) NOT NULL,
    phone_no VARCHAR(15),
    age INT
);
```

2. Create table address:

```
CREATE TABLE addresses (
    id SERIAL PRIMARY KEY,
    country VARCHAR(50) NOT NULL,
    state VARCHAR(50),
    city VARCHAR(50),
    postal_code VARCHAR(10)
);
```

```
postgres=> select* from addresses;
 id | country | state | city | postal_code
----+---------+-------+------+-------------
(0 rows)

postgres=> select* from users;
 id | name | phone_no | age
----+------+----------+-----
(0 rows)

postgres=>
```

3. **Used Liquibase for Database migration tool.**
4. **Implemented the process to change the schema for both the tables:**

```
ubuntu@ip-10-0-1-119:~$ docker logs -f 2e9
####################################################
##                                                ##
##   |  ¯|   (¯)          (_)¯|                    ##
##   | |                    | |                    ##
##   | |  ___ __ ___  _ __  __ | |__   ___  ___   ##
##   | |_|| | | | | | || | |  | '_ \ / _ \/ __|   ##
##   \___/|\_, |\_,|_||._/\_,_|_/\__|             ##
##           |_|                                   ##
##                                                ##
##   Get documentation at docs.liquibase.com      ##
##   Get certified courses at learn.liquibase.com ##
##                                                ##
####################################################
Starting Liquibase at 12:48:02 using Java 21.0.7 (version 4.33.0 #8744 built at 2025-07-08 20:43+0000)
Liquibase Version: 4.33.0
Liquibase Open Source 4.33.0 by Liquibase
Running Changeset: sch-change.xml::2::harsh

UPDATE SUMMARY
Run:                     1
Previously run:          0
Filtered out:            0
-----------------------------
Total change sets:       1

Liquibase: Update has been successful. Rows affected: 0
Liquibase command 'update' was executed successfully.
```

```
postgres=> select * from users;
 id | name | phone_no | age | email
----+------+----------+-----+------
(0 rows)

postgres=> select * from addresses;
 id | country | state | city | postal_code | street
----+---------+-------+------+-------------+--------
(0 rows)

postgres=>
```

5. **Implemented the process to rollback the schema changes for both the tables:**

```
postgres=> select * from addresses;
 id | country | state | city | postal_code
----+---------+-------+------+------------
(0 rows)

postgres=> select * from users;
 id | name | phone_no | age
----+------+----------+-----
(0 rows)

postgres=> 
```

6. **Github URL**
   a. https://github.com/harsharno/genea-terraform
   b. https://github.com/harsharno/genea-app-deploy