Name: Mahmoud hassan turky

Position: software tester

Dear Candidate,

The Technical task is due on Monday midnight.

Good Luck!

# Task 1: Manual Testing

The following links display a business of an open source healthcare system:

[Selecting a Data Source | Visual Dashboard | User Guide | Support | Epi Info™ | CDC](https://www.cdc.gov/epiinfo/user-guide/visual-dashboard/selectdatasource.html)

[Unmatched Case-Control | StatCalc | User Guide | Support | Epi Info™ | CDC](https://www.cdc.gov/epiinfo/user-guide/statcalc/unmatchedcasecontrol.html)

[Unmatched Case-Control | StatCalc | User Guide | Support | Epi Info™ | CDC](https://www.cdc.gov/epiinfo/user-guide/statcalc/unmatchedcasecontrol.html)

Kindly, write all possible detailed test cases for the above scenario – full coverage with efficiency.

You may use any template or tool.

# Task 2: Test Automation

Kindly, automate the following scenario.

1. Signup on Spotify.com
2. Login to Spotify.com
3. Add Playlist on Spotify.com
4. Run the playlist

# Task 4: Performance Testing

Kindly, record JMeter scripts in a test plan for the following:

1. Load Testing for 1000 search on Spotify for What do you want to play
2. Run the playlist 1000 times in 5 seconds

# Task 4: Database

From the following tables write a SQL query to locate those salespeople who do not live in the same city where their customers live and have received a commission of more than 12% from the company. Return Customer Name, customer city, Salesman, salesman city, commission.

customer\_id | cust\_name | city | grade | salesman\_id

-------------+----------------+------------+-------+-------------

3002 | Nick Rimando | New York | 100 | 5001

3007 | Brad Davis | New York | 200 | 5001

3005 | Graham Zusi | California | 200 | 5002

3008 | Julian Green | London | 300 | 5002

3004 | Fabian Johnson | Paris | 300 | 5006

3009 | Geoff Cameron | Berlin | 100 | 5003

3003 | Jozy Altidor | Moscow | 200 | 5007

3001 | Brad Guzan | London | | 5005

salesman\_id | name | city | commission

-------------+------------+----------+------------

5001 | James Hoog | New York | 0.15

5002 | Nail Knite | Paris | 0.13

5005 | Pit Alex | London | 0.11

5006 | Mc Lyon | Paris | 0.14

5007 | Paul Adam | Rome | 0.13

5003 | Lauson Hen | San Jose | 0.12

Bonus Task:

Generate test cases using AI powered generative tool for the above test cases.

Kindly, mention your selected tool.