Dear (applicant)

We are excited to have you make it to the next round of our interview process for the web developer position. This next phase will be a testing phase to see the quality and competence of your work in a time sensitive situation. You will have 12 hours to complete this process of producing and completing the following tasks.

1. Utilizing the table below:
    1. Create a MySQL or PostgreSQL database schema
    2. Create a query to pull employee performance, arranged highest to lowest
    3. Create a dashboard to show the above report built with a backend API server written in Go, and a frontend created with React.js
    4. Allow the user to sort by name, performance, and date

ID #	Name	Performance	Date
1	John	58	12/11/2022
2	Daniel	87	11/15/2022
3	Sally	34	6/15/2022
4	Tiffany	99	2/28/2022

2. Use HTML and CSS (or SCSS) to design a new Eightvape.com homepage with a slider that incorporates the core components of an ecommerce website with a high CTR, low bounce rate, and user friendliness approach.
3. (optional) Create a Shopify script that enables orders over $100 being shipped to Brazil to automatically receive free shipping.
4. Design a complete set of wireframes (nonfunctional mockups) for a mobile version of the Eightvape storefront to show user friendliness. Include the following screens:
    - Landing screen
    - Product category screen with filters
    - Product screen with variant selector
    - Cart
    - Checkout screen with fields for shipping address, shipping options, and payment

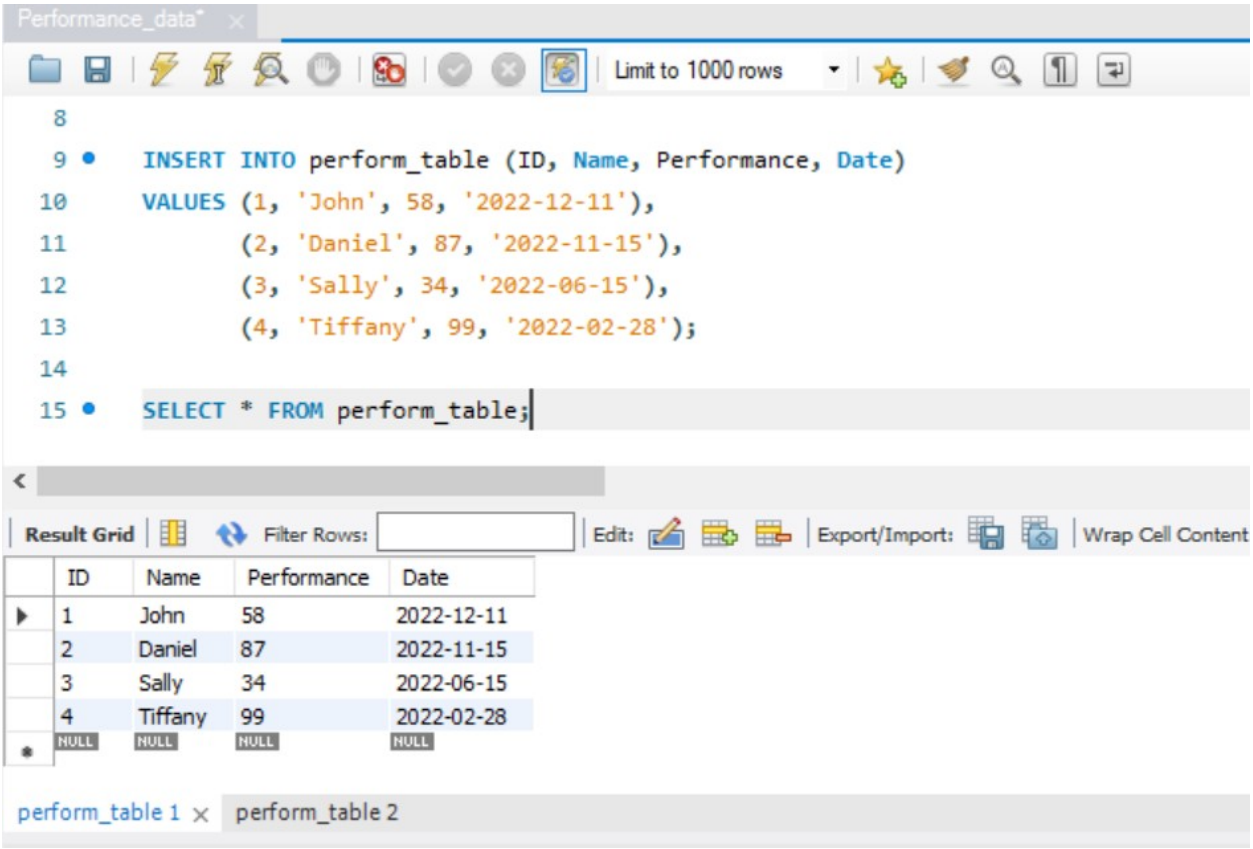
Start time: 11:00 AM
End time: 7:00 PM

Please acknowledge receipt of this e-mail.
Thank you and good luck!

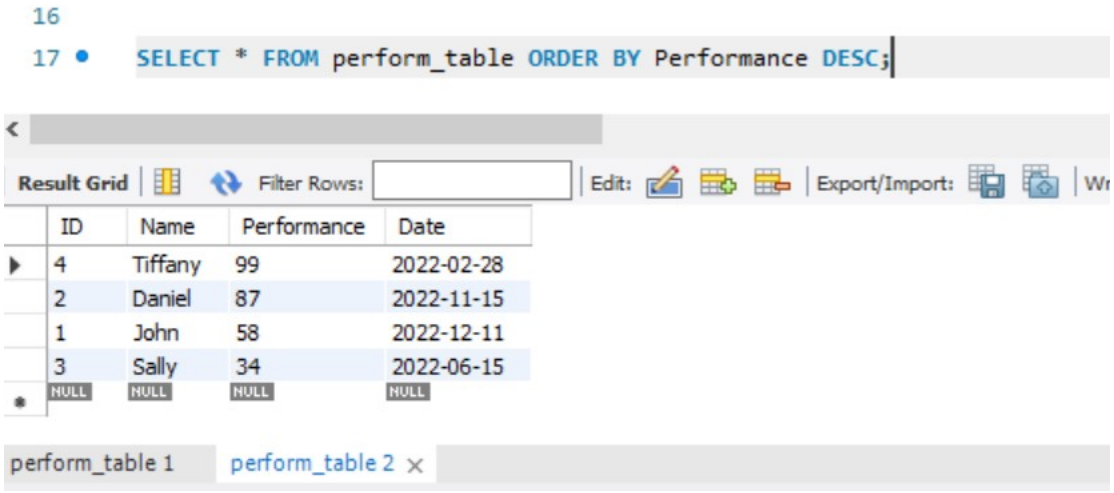
I appreciate the opportunity to interview at Magma Holding Inc. This is my documentation for the whole assessment.

Task 1:

1. Creating Database Schema



2. Query to pull employee performance, arranged highest to lowest



3. Create a dashboard to show the above report built with a backend API server written in Go, and a frontend created with React.js

Back-end:

Connection to MySQL Database Successful

```
PS C:\Users\arvin\OneDrive\Desktop\gooo> go get -u github.com/go-sql-driver/mysql
>> go run main.go
Connected to the MySQL database!
PS C:\Users\arvin\OneDrive\Desktop\gooo>
```

```
[GIN-debug] GET    /employees                --> main.getEmployees (3 handlers)
[GIN-debug] [WARNING] You trusted all proxies, this is NOT safe. We recommend you to set a value.
Please check https://pkg.go.dev/github.com/gin-gonic/gin#readme-don-t-trust-all-proxies for details.
[GIN-debug] Listening and serving HTTP on :6060
[GIN] 2023/07/22 - 17:38:49 | 404 |            0s |       127.0.0.1 | GET      "/employees1"
[GIN] 2023/07/22 - 17:39:43 | 200 |       535.2µs |       127.0.0.1 | GET      "/employees"
```

Status 200 to fetch all the employees using CURL command.

```
aNIKEt@Aniket-Arsenal MINGW64 ~/OneDrive/Desktop/gooo
$ curl -X GET http://localhost:6060/employees
[{"id":4,"name":"Tiffany","performance":99,"date":"2022-02-28"},{"id":2,"name":"Daniel","performance":87,"date":"2022-11-15"},{"id":1,"n
ame":"John","performance":58,"date":"2022-12-11"},{"id":3,"name":"Sally","performance":34,"date":"2022-06-15"}]
aNIKEt@Aniket-Arsenal MINGW64 ~/OneDrive/Desktop/gooo
$
```

Front-end:

Table Structure rendering

4. On click Sorting Functionality