TRUE NORTH

SR NODEJS TEST

Part 1 - Api creation

- Develop a Rest API for restaurant/delivery, each restaurant should follow the following data structure:

```
{
     id : any
     logo : text (url)
     commercialName : text
     legalName : text
     rating : (float max 5 min 1)
     reviews : [
           {
           name : text
           review : text
            rating : number

           }
     ]
     meals : [
           {
                 name : text
                 description : text
                 price : float
           }
     ]
     commercialEmail : text
     adminNumber : text
     address : text
```

```
    Location : latLng

}
```

- Provide endpoints to delete, list (with the possibility of filter by rating), edit information
- Provide endpoint to rate each restaurant (the total rate of the place should be an average of all user ratings)
- Provide a endpoint to create a order, should have one or more **meals**, **total cost**, **address** and a **latLng** position of the place, this endpoint should save the order on a different table/document and return ETA (estimated time of arrival) based on user location and restaurant location (transport media being a motorcycle), this time should have in count traffic at the moment, also when a order is triggered a message needs to be created and queue in ActiveMQ server 1 message for the notification and another for the order

Part 2 - Order / SMS

- Create a service to recover messages queued by the Part1 handling order messages and notification messages
  Action desired for each type of message
  Order messages needs to send an email informing to the restaurant a new order is in place
  Notifications messages need to send sms to the customer with the confirmation of the order (for practical reasons can be mocked and replaced with a write on log)

Stack

- NodeJS , you can use express or any framework you like
- PostgreSQL or any relational database
- You can use google maps or any API or any you feel more convenient
- RabbitMQ or similar

You may send any questions directly to your recruiter.

Submission

Send us a zip file with entire project - In your submission, please include clear instructions for running the solution that you created.