BRAIN STATION 23

Senior PHP Developer - Project Task
Time Duration: 3 Hours 00 Mins

Food Delivery App

For the food delivery mobile App ABC, you have to design a service that will expose two REST APIs. First API will store time series data of a rider location (preferably with **rider_id, service_name, lat, long, capture_time** etc.) in a relational database. The second API will let the service owner know currently which rider is nearby to a specific restaurant (preferably with distance). This second API call will be high in frequency.

The activity breakdown is below:

- First API will take input (**rider_id, lat, long, timestamp**, etc.) from the app and store the relevant data.
- The second API will take input the **restaurant_id** of the restaurant and calculate the nearest rider (or at least who was nearest in the last 5 minutes). Preferably you can calculate the distance between the two lat-long points.
- Follow all the basic coding and REST API standards.
- Optionally write test cases to test the functionalities of your newly created APIs.
- You should upload the codebase as per on-spot instructions along with the installation notes before the time is over.

Instructions:

You have 3 hours to complete this task.

Upon completion, please zip the task and reply to this email with the zip file attached. The zip file should be named as follows: [YOUR NAME-PHP TASK-BS23].

We expect you to complete this task independently without external assistance. Pleasemaintain integrity and honesty throughout the assessment.