As part of coding assignment, you have to submit following mini-project.

For ride-hailing transport sytem, project goal is to build web application to:

(1) list nearest drivers given a location.

(2) make a booking given the source and destination.

The tasks:

- Write a REST API server using Golang

- Design and implement a REST API endpoint to return all drivers within 'X' kilometer radius of a given location. Think of using any open source libraries, technologies which will help you on this API to make it faster.

- Design and implement a REST API to make booking from the user given source and destination. Think of optimal algorithmic solutions to book the drivers.

- Design minimal relational data model like Driver, Location, Booking etc.

- Think of performance and scalability aspects of the system while building a system.

- Think of using best possible algorithms while designing the solution.

- Think about code readability and maintainability.

- Unit tests are preferred.

Commit your code to personal GitHub account and send back GitHub link for review. Make sure that, we should be able to build and run your golang application server.

Best wishes!