



Sr. Backend Developer Assignment

- We need you to build a chat application that enables the customers to sign up and join a general chat room, and of course we need to store the history of this chat.
- We will need only your side of this project.
- This application should be built using NestJs to provide the following:-
 1. A resource message model API with web sockets.
 2. The authentication should be done using JWT authentication, it's very recommended to use a third-party for the authentication like passport.
 3. We also need to log the user activity on the application:
 - 1- Session start/end date time.
 - 2- Interactions logs.
- This application should have unit tests and test coverage.
- We also will need swagger UI documentation for the API endpoints.
- The project should be all Dockerized and serviced in a Docker-compose file

N.B

- The Delivery should be a public Git repository **URL** with README.md file describing the system and its dependencies.

Vapulus S.A.E.

Villa 214 – El Chowayfat

Cairo Governorate

Phone (#): +202 254-12809
+202 254-12610

Mobile: +20101 6666 903