



Eurisko Mobility

NodeJS Code Challenge

Exercise:

Develop a Node.js application that serves as a backend for a restaurant online ordering application

The application should support role-based authentication, for the sake of simplicity we just need “Admin” and “User” roles. By default, all authenticated APIs should allow all roles unless specified.

Authentication should be based on JWT with refresh token.

Expose REST APIs to perform the below:

Public APIs

- Sign up by providing email, full Name and password (Default role is set to User)
- Sign in using the email and password
- Refresh token
- View list of available menu items and categories
 - Should Support:
 - Pagination
 - Search
 - Filter by category

Authenticated APIs

- Revoke token
- View/update user Profile (user not allowed to change his email)
- Disable/enable user (Admin)
- list/add/update/delete addresses (label, complete Address, coordinates)
- list/add/update/delete restaurant Branches (name, coordinates) (Admin)
- Upload image to local repo to be used by the menu categories/items (Admin)
- Add/update/delete menu categories (Admin)
- Add/update/delete menu items (Admin)
- List/create/update order
 - The restaurant branch is selected automatically based on client location; client should be within **5KM** radius from the branch.
 - By default, all orders should have pending status
 - The Admin can accept or reject orders
 - Only pending orders can be canceled by the client

We specified the minimum fields required for some APIs; you have the complete freedom to add the appropriate fields as needed.

You should use MongoDB as database, jest for test cases (feel free to use any technology/library where you find suitable)

By the end of this exercise, we should receive a complete working backend with the below:

- Unit tests
- Indexed database
- Postman collection