

Node API Coding Challenge

(Duration 3 hours)

Create a RESTful API using Node-Express JS that managing customers. Each customer should have the following attributes:

- Customer ID
- First Name
- Last Name
- Address
- Email
- State
- Selected Plan (Gold, Silver, Bronze, Plan)

The API should support the following operations

1. Retrieve all customers.
2. Retrieve a single customer by its ID.
3. Add a new customer.
4. Update an existing customer.
5. Delete a customer by its ID.

Requirements

- Use Express JS for building the REST API.
- Utilize a database to store customer data.
- Implement proper error handling and validation for input data (request data).
- Use appropriate HTTP methods (GET, POST, PUT, and DELETE) for each operation.
- Test the API with postman functionality of the API endpoints.