PROBLEM STATEMENT

To set up a NodeJS server on EC2 to handle ticketing for a bus company.

Context:

1 bus, 40 seats. One ticket per seat.

Features from the server:

• Update the ticket status (open/close + adding user details)
• View Ticket Status
• View all closed tickets
• View all open tickets
• View Details of the person owning the ticket.
• Additional API for admin to reset the server (opens up all the tickets)

Use an appropriate database to handle the problem. The server needs to expose the features via APIs based on REST principles and event-driven logic to be implemented in every possible situation.

Maintain the code through the course of the development of a version control system.

Submission:

1. Postman collection for the APIs and relevant credentials to test out
2. Access to the code repository hosted on Gitlab/Bitbucket/Github in a private repo

Resources:

Use npm install packages.
Express is one of the easiest ways to setup a node api