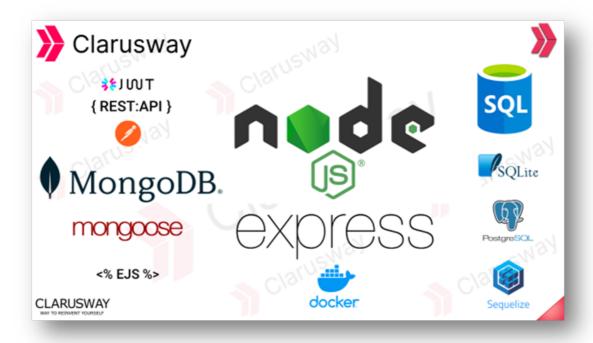
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# Backend Workshop

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## Workshop

### Subject:

• JWT & Permissions and Logging & Documentation

### **Learning Goals**

Working on JWT & Permissions and Logging & Documentation

### Introduction

• In the realm of web and software development, securing user access and facilitating effective communication are pivotal. This document explores JWT & Permissions, which govern user authentication and authorization, as well as Logging & Documentation, the cornerstones of monitoring and understanding applications. By the end, you'll be equipped to enhance security and application insights while fostering clear and efficient communication

### **Prerequisites**

• We will use the VSCode.

### Lets start

1. Can you explain the concept of middleware in Node.js and how it is employed for managing user permissions using JWT?
Answer:
2. How can Node.js be used to implement JWT-based authentication and authorization in a web application? ?
Answer:
3. What is the purpose of structured logging, and how can it benefit the debugging and monitoring of a Node.js application? ?
Answer:
4. In the context of Node.js, what logging and documentation practices should be followed to enhance the overall maintainability and collaboration on a project??
Answer:
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# Backend Teamwork

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## **Teamwork**

## Subject:

• Hotel Api Project

## **Learning Goals**

• Consolidating Pizza Api and Flight Api projects

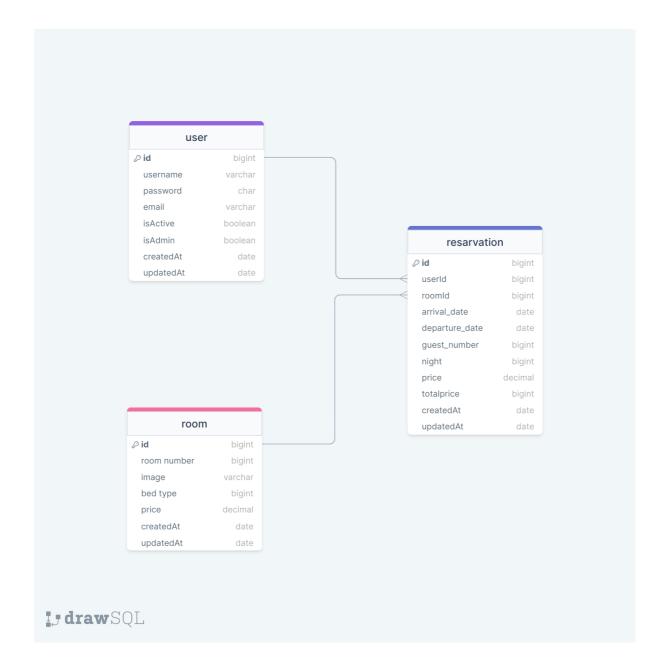
### Introduction

• This document focuses on the consolidation of the Pizza API and Flight API projects. By merging these two distinct systems, we aim to optimize resources, enhance efficiency, and deliver a more cohesive and effective solution.

### **Prerequisites**

- The folder structure of the Pizza Api project should be used.
- At the same time, we need to usage of ERD diagram.

### Lets start



We want a Hotel Api project from you. You can act in accordance with the erd diagram we shared in this project. For convenience, you can use the pizza api file structure.

⊕ Thanks for Attending 
▲

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