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Backend Workshop -5-

Workshop

Subject:

- Sequelize & Mongoose

Learning Goals

- Ability to work with RDB and NoSQL databases with Sequelize and Mongoose.

Introduction

- One of the things a backend developer needs to know is to work with SQL and NoSQL databases. For this purpose, studies will be carried out with Sequelize for SQL databases and Mongoose for NoSQL databases.

Prerequisites

- We will use the VSCode.
- At the same time, we need to install Nodejs, MongoDB on our computer.

Lets start

1. How Sequelize ORM works and its role in Node.js ?

Answer:

2. What is Sequelize.sync() and how does it work ?

Answer:

3. What is ODM ?

Answer:

4. How to connect to MongoDB using Mongoose ?

Answer:

5. What is a Mongoose model, give a simple example ?

Answer:

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Backend Teamwork -5-

Teamwork

Subject:

- Express project structure

Learning Goals

- Learning how organize Express.js project structure for better productivity.

Introduction

- The organization helps to maintain consistency, especially in a larger team. Consistency in the project structure equates to the predictability of where the code can be expected, which in turn helps in the productivity of the whole team. In this teamwork, we will learn how to organize an Express project to be used by a team of developer in order to enhance productivity and maintainability.

Prerequisites

We will use the VSCode At the same time, we need to install Nodejs and MongoDB on our computer.

Lets start

First of all, divide the task for this study. and do it together step by step during teamwork time.

- first select a project (e.g. blogapp)
- The team leader or volunteer should eliminate the project folder structure of the selected project and turn it into a single file.
- Those who did not participate in the first phase of the team that came together during the teamwork hour should change the project structure to the recommended project structure step by step.
- While doing this, discuss the purpose and details of each code block with your teammates.

Extra advice if you want to increase your Github experience

- The project, which has become a single file, is shared by teamlead in its repo.
- Agree with the team on the desired project structure.
- Assign tasks to each team member.
- Each individual in the team should do their part and request a pull to the team leader.
- Let the team lead review what has been done and perform the merging process.

😊 **Thanks for Attending** 🙌

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