











CRUD in Angular

Crud Application

ADD EMPLOYEE

Filter

ID	First Name	Last Name	Email	dob	gender	Education	Company	Exp.	Package	Action
1	Md Easin	Alif	tweet.easinalif@gmail.com	Aug 14, 2000	Male	Diploma	IsDB-BISEW	1	BDT12.00L	 
2	Nusrat	Mim	nusrat22@outlook.com	Sep 13, 2003	Female	Matric	Deznol World	1	BDT17.00L	 
3	Jim	Jerin	kpenniall2@biblegateway.com	May 19, 1980	Female	Graduate	Mycat	45	BDT17.00L	 
4	Mahisha	Jannat	aguillard3@blogspot.com	Apr 29, 1992	others	Graduate	Youopia	10	BDT16.00L	 
6	Nahiyeen	Alif	malif8636@gmail.com	Apr 19, 2023	male	Diploma	US Software Ltd.	2	BDT11.00L	 

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Crud Application

ADD EMPLOYEE

Filter

Employee Form

First name

Md. Easin

Last Name

Alif

Email

malif8636@gmail.com

Date of birth

8/14/2000

MM/DD/YYYY

Gender

☐ Male ☐ Female ☐ Others

Education

Diploma

Company

Islamic Development Bank

Experience

2

Package

16

BD TAKA

Cancel

Save

Use this Code in CLI (`json-server --watch db.json`) to View data and also Crud operation.

The command "`json-server --watch db.json`" is used to run a local JSON server that serves data from a JSON file called "`db.json`". The JSON server provides a RESTful API for accessing and manipulating the data in the JSON file.

When you run the command `"json-server --watch db.json"`, the JSON server starts and listens for incoming HTTP requests on a specified port (typically port 3000). It reads the data from the `"db.json"` file and exposes the data through various API endpoints based on the structure of the JSON file.

For example, if your `"db.json"` file contains an array of objects representing users, the JSON server will provide endpoints like `"/users"` to retrieve all users or `"/users/:id"` to retrieve a specific user by ID. The server supports standard CRUD operations (Create, Read, Update, Delete) on the data.

You can use tools like Postman or cURL to send HTTP requests to the JSON server and interact with the data. For instance, you can send a GET request to `"http://localhost:3000/users"` to retrieve all users, or a POST request to `"http://localhost:3000/users"` to create a new user.

Note that the `"json-server"` package needs to be installed globally or locally in your project for the command to work. You can install it using npm by running `"npm install -g json-server"` for global installation or `"npm install json-server"` for local installation in your project.

Project Overview

Angular 15 CRUD Project Self-Study Guide

This guide will walk you through the process of creating a simple CRUD (Create, Read, Update, Delete) application in Angular 15. The application will use JSON Server as a mock backend to store and retrieve data.

Prerequisites

- Node.js and NPM installed on your machine
- Angular CLI 15.x installed

Getting Started

1. Create a new Angular project using the Angular CLI:

```
ng new <project-name>
```

2. Navigate to the project directory:

```
cd <project-name>
```

3. Install the necessary dependencies:

```
npm install --save @angular/material @angular/cdk @angular/animations  
@ngrx/store @ngrx/effects @ngrx/entity
```

4. Install JSON Server:

```
npm install -g json-server
```

5. Create a new `db.json` file in the root of your project:

```
json
```

```
{  
  "products": []  
}
```

6. Start JSON Server:

```
json-server --watch db.json
```