**Day 12:**

**Get, Post, Put, Delete method**

Get get the resource

Post create the resource

Put update the resource

Delete delete the resource

2 types of user

1. hr user
2. employee user

**db.json file**

{

“logins”:[

{“emailId”:”[hr@gmail.com](mailto:hr@gmail.com)”,”password”:”hr@123”,”typeofuser”:”hr”},

{“emailId”:”[raj@gmail.com](mailto:raj@gmail.com)”,”password”:”123”,”typeofuser”:”employee”}

],

“employees”:[

{name:”raj”,lname:”patil”,age:21,department:””,leaveStatus:”applied”,appliedLeave:”yes”,}

]

}

**Hr dashboard functionality**

1 🡪 Add Employee

* emailId: [raj@gmail.com](mailto:raj@gmail.com), typeofuser:employee

you need to use post method to store the data in db.json file inside logins array.

2-> View Employee

3->View Leave request

4🡪 Approved or denies the leave request with reason

SignUp:

EmailId:raj@gmail.com

If emailid is present then open the account creation page else display error message are you are not a employee.

Name

LName

Age

EmailId: takes emailId from previous form (no editable)

Department :

Etc

Employee-Dashboard

View personal details , Apply the leave , View Status

Install json-server module using below command

**npm install json-server -g**

**json-server db.json**

open the browser

<http://localhost:3000>

**npm create vite@latest hr-portal**

**cd hr-portal**

**npm install axios react-router-dom bootstrap**

**react interact with backend technologies or json file using axios or fetch.**

**Redux core or redux toolkit with asynchronous communication using axios or fetch.**

**Redux with asynchronous communication**

**redux-thunk**

**think is a middleware module which help to interact with json file or backend technologies with store.**

**If we use core redux we need to install 3 modules to achieve redux with asynchronous communication**

**redux react-redux redux-thunk**

**if we use redux-toolkit. Redux toolkit provide us inbuild thunk features using createAsyncThunk functions.**