

Tasks

During these tasks you will create a web application using this API: <http://dummy.restapiexample.com/>.

Important: Please do not use jQuery for these tasks.

Task 1

Create a web application using Vue.js, Angular or React. The web application should have the following elements:

- Header: Shows the title of the current page.
- Drawer: Allows to navigate through the web application.
- Main Page: The content goes here.

Task 2

Create a page that lists all employees. For each employee name, age and salary are shown. The employees can be sorted by name or salary. There is an input field to enter a search term. If a search term is entered only employees that contain that term in their name or their age are shown. Whenever the mouse hovers over an employee, the employee is marked.

API:

All Employees:

GET <http://dummy.restapiexample.com/api/v1/employees>

Task 3

When an employee from the list gets selected (clicked), details to that employee are shown. Create a page that shows a single employee. The user id, the name, the age and the salary of the user can be seen. The salary can be changed.

API:

Get an Employee:

GET <http://dummy.restapiexample.com/api/v1/employee/{id}>

Change an Employee:

PUT <http://dummy.restapiexample.com/api/v1/update/{id}>

Task 4

Create a page that can create a new employee entry. To create an employee, the fields name, age, salary and a picture (url string) may be supplied. When a new employee is created, route back to the employees list and mark the newly created employee.

API:

Create an Employee:

POST `http://dummy.restapiexample.com/api/v1/create`

Hints

- There are tools that can create a basic web application for you.
- Think about what happens if you select an employee that does not exist.