Overall Guidelines:

* Each project should have its own directory.
* Take your time and check and clean your code before delivering.
* Be aware that you will be asked on your code and the development procedure (tools, 3rd libs you used, etc.).

The Project

1. Build a client project and server Node.js server project with express with the following routes:

**Client:**

* 1. / => which will return the client user’s page.

**Server:**

* 1. /getUsers => A ‘GET’ endpoint which will provide a list of users that will be displayed at the client side (See below instructions for the list creation).
  2. /addUsers => A ‘POST’ endpoint which receives an array of users. When a message is received, you’ll have to send the client a push notification with the added users so they will appear in the table. Make sure to save the added users so they will appear again on page reload. (Each user object in the array will contain the user id,name,position and salary).

You are provided with 2 json files. The first file, named ‘users.json’ contains an array of users without the user’s names. In order to get their names, you have the second file named ‘userNames.json’. For user at index X inside the users.json file, you’ll find its name at the corresponding location in the second file.

For example: Users.json:

{

users: [{

"id": "898932",

"position": "IT Technician", "monthlySlary": 10000

}, {

"id": "573129",

"position": "IT Technician", "monthlySlary": 30000

}]

}

userNames.json:

{

users: [{

*"id": "898932",*

"name": "USER\_78"

}, {

"id": "573129",

"name": "USER\_20"

}]

}

Client Side

# Build a simple page with Angular/React/Vue that will display a user’s table with the data received from ‘getUsers’. (Make a server call and display the data).

1. Make the UI nice & clean as you can.
2. Please notice that the JSON files are large, so if you’ll try to read & send the whole list at once it will be slow and probably will crash your browser. (You’ll have to find a way to make it fast and efficient).

For example - for the last two users displayed above, the list you’ll need to display -

|  |  |  |
| --- | --- | --- |
| Name | Position | Salary |
| USER\_78 | IT Technician | 10000 |
| USER\_20 | IT Technician | 30000 |