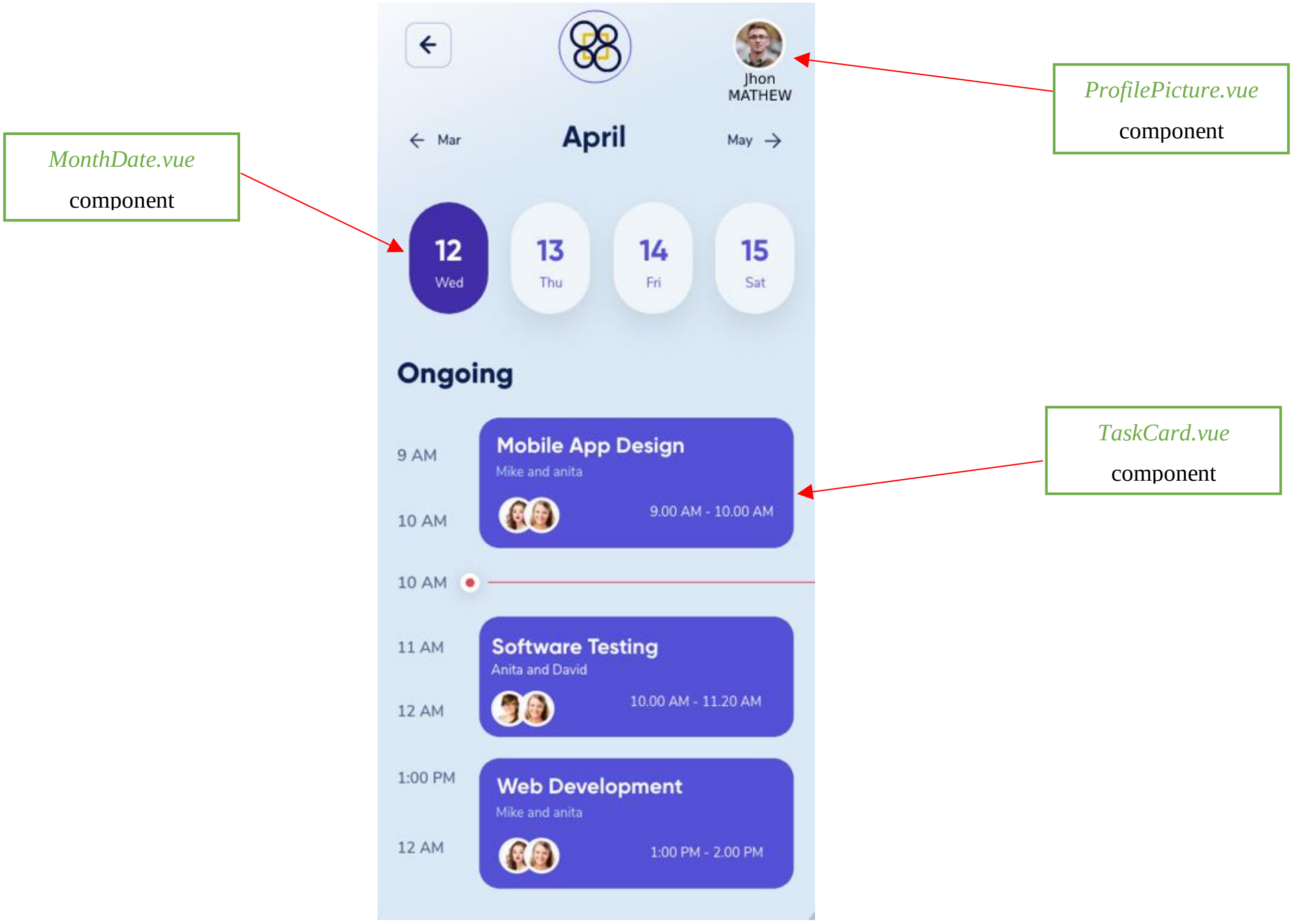
Internship offer - FRONT web development

VueJS Test Assignment



ProfilePicture.vue
component

MonthDate.vue
component

TaskCard.vue
component

The goal of this test assignment is to demonstrate a "design interface". The solution helps to manage daily task of a user.

Overview of your tasks

1. Create a blank VueJS project using VueJS CLI .
   a) We prefer Vue 2 or 3
   b) Do not add any unnecessary NPM package.
   c) Use Sass/SCSS styling preprocessor.
   d) Use a modern design framework (eg: Bulma, Material).

   You can use any modern design framework and demonstrate your ability with the integration and utilization of such design frameworks.
2. Demonstrate your css styling skills by writing custom styles.
3. Use an online version control tool (Github, Gitlab) and regularly commit your code. (**Important**). Do not commit large number of code changes in one commit. Do different commit for each implementation.
4. Write optimized and clean code with comments.
5. Consider modularization and reusability of the code.
6. Implement the functionality described below.

User Stories

As a user, who accesses this service via user interface, ...

1. I can view my everyday task in the application.

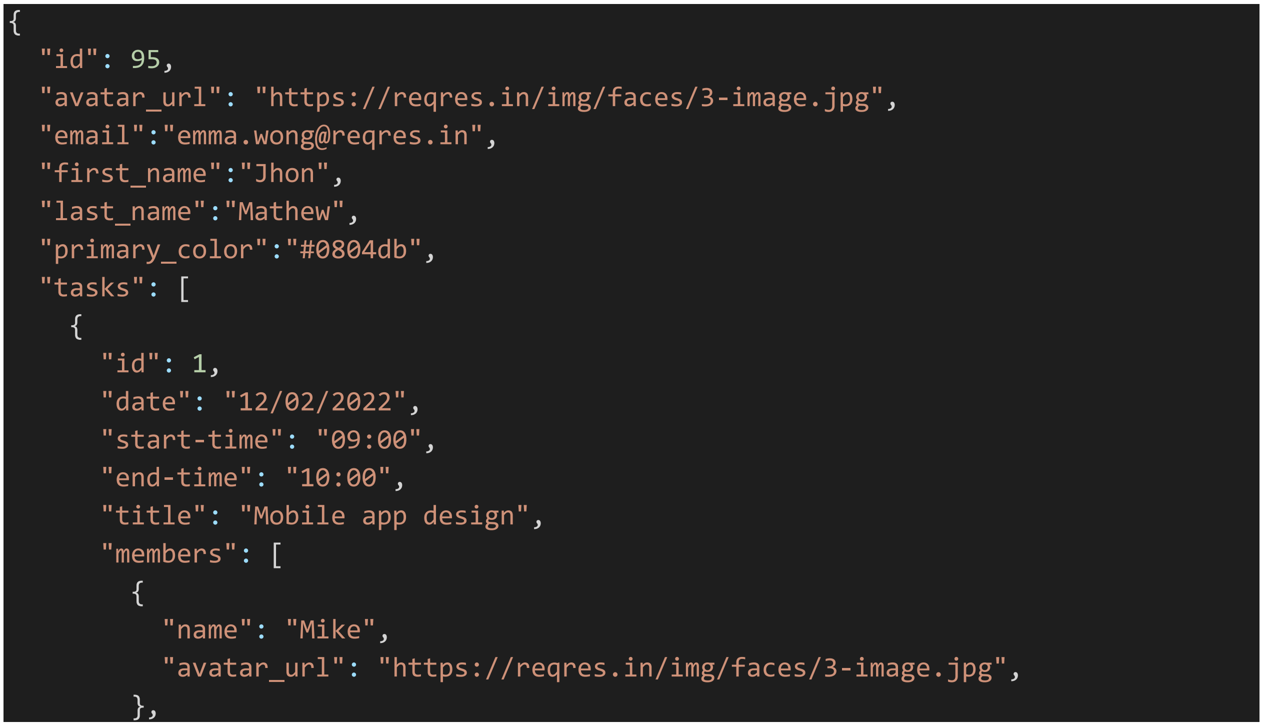
Note: The Back-end application is not part of this assignment.

Implementation hints

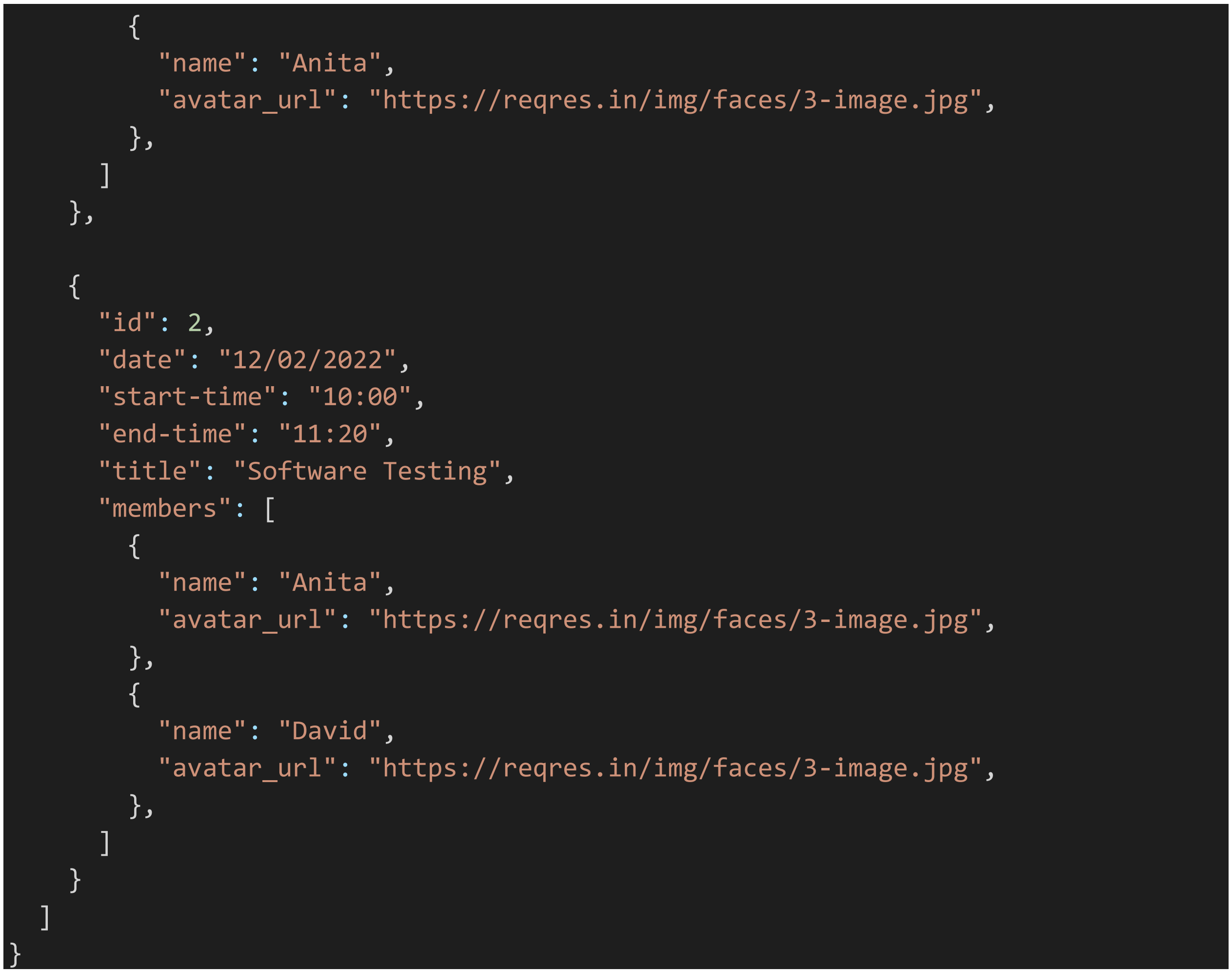
- A user can view different task of selected date in the screen.
- Create separate components as marked in the above image. (Ex: TaskCard.vue, MonthDate.vue, ProfilePicture.vue etc). Reuse the components in the main screen as needed.
- You don’t need a date change function. Just above design is sufficient without a date change function. Highlight one date and show the task of that day.

- You won’t need any database or other external storage for this task. You can keep the data in a local JSON file and access it using any Promised base HTTP package (axios) or use any online API fake JSON service (ex: https://my-json-server.typicode.com/ or Firebase)
- Regularly commit your work and follow good practices in your code. Use meaningful messages when committing (ex: created task card and styling). **Do not commit large code changes in a single commit**.
- Create beautiful and user-friendly **mobile sized interface**.
- Write custom CSS styles to demonstrate your skills.
- Install and use a modern CSS framework.
- *TaskCard.vue Component* and *MonthDate.vue components* background colors must be set based on the json data retrieved from the API endpoint (“*primary_color*” property in json data).
- Add comments where it is necessary.
- Submit your solution before the deadline and email your repository link to dhayananth@highday.fr .

Sample JSON:



```
{
  "id": 95,
  "avatar_url": "https://reqres.in/img/faces/3-image.jpg",
  "email":"emma.wong@reqres.in",
  "first_name":"Jhon",
  "last_name":"Mathew",
  "primary_color":"#0804db",
  "tasks": [
    {
      "id": 1,
      "date": "12/02/2022",
      "start-time": "09:00",
      "end-time": "10:00",
      "title": "Mobile app design",
      "members": [
        {
          "name": "Mike",
          "avatar_url": "https://reqres.in/img/faces/3-image.jpg",
        },
```



```
        {
          "name": "Anita",
          "avatar_url": "https://reqres.in/img/faces/3-image.jpg",
        },
      ]
    },

    {
      "id": 2,
      "date": "12/02/2022",
      "start-time": "10:00",
      "end-time": "11:20",
      "title": "Software Testing",
      "members": [
        {
          "name": "Anita",
          "avatar_url": "https://reqres.in/img/faces/3-image.jpg",
        },
        {
          "name": "David",
          "avatar_url": "https://reqres.in/img/faces/3-image.jpg",
        },
      ]
    }
  ]
}
```

Evaluation

I will clone the repo, install the dependency with npm and use "npm run serve"

I will look at the ***commits, custom styling, coding standard, programming structure, comments***, ***functions*** and the ***architecture*** of the app.

Try to be independant but if you have any question or need help write to me (dhayananth@highday.fr) with the subject [intern][evaluation] <a significant title>

Send me your repo link as soon as possible (even if not finished) and in any case before:

24th of July, 2023, 11:00AM CET (Paris Time)