SEIS – TEST– Software Engineer (Frontend)

Scenario

Users would like to create a new User Management System where they can see the list of user and manipulate its data. Here is the list of action that users can do:

- Create new user
- Update an existing user
- Delete user

Task

- You will be required to create a Single Page Application (SPA) that will interact with REST API.
- For Users API, you can use a mock server.
- Form validation is required when user wants to create or update the data.
- You need to write the unit test for your code.
- The application needs to be responsive and compatible with the latest Chrome, Safari, and Firefox. The minimum resolution you need to support is 1440 x 1024 px.
- Optional: You can implement the search and pagination as well in user list.

User Object

JSON format for single user:

```
{
  "id": 1,
  "firstName": "John",
  "lastName": "Doe",
  "email": john.doe@gmail.com,
  "dob": 1595493789
}
```

Submission

When submitting the assignment, please archive your project with the first letter of your first name followed by your last name. If your name is John Doe, you should compress your directory into jdoe followed by extension. Please also provide a README file with the description of your project and how to start or test it. You may also include other content such as your rationale for certain decisions or explain the idea behind certain parts of the application if you were not able to implement it in the code.

Please send your archive to sujono.chen@dathena.io within a reasonable timeframe.