1. Installation:

Install npm package manager of node.js.

Install Vue – on command line `*npm install vue*`

Install Vue CLI – on command line `*npm install @vue/cli*`

Create Project - on command line `*vue create <project name>*` *-* this command with create Vue boiler template.

On project install the following dependencies:

- api-resource – used for https request.
- sass-loader – used for importing css file
- node-sass – used for importing css file
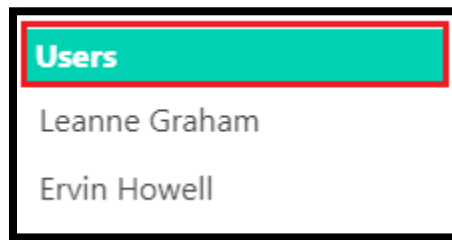
2. Take home exam:

Goal:

To Create a VueJS App that will consume JSONPlaceholder's REST API (https://jsonplaceholder.typicode.com/). Please use its Users and Posts endpoints.

Required Features:

CRUD of Users

- **To display list of users, click "Users" on the left-hand side. By default, it is displayed upon loading of page.**

- **To create a user, click** Create User **button.**
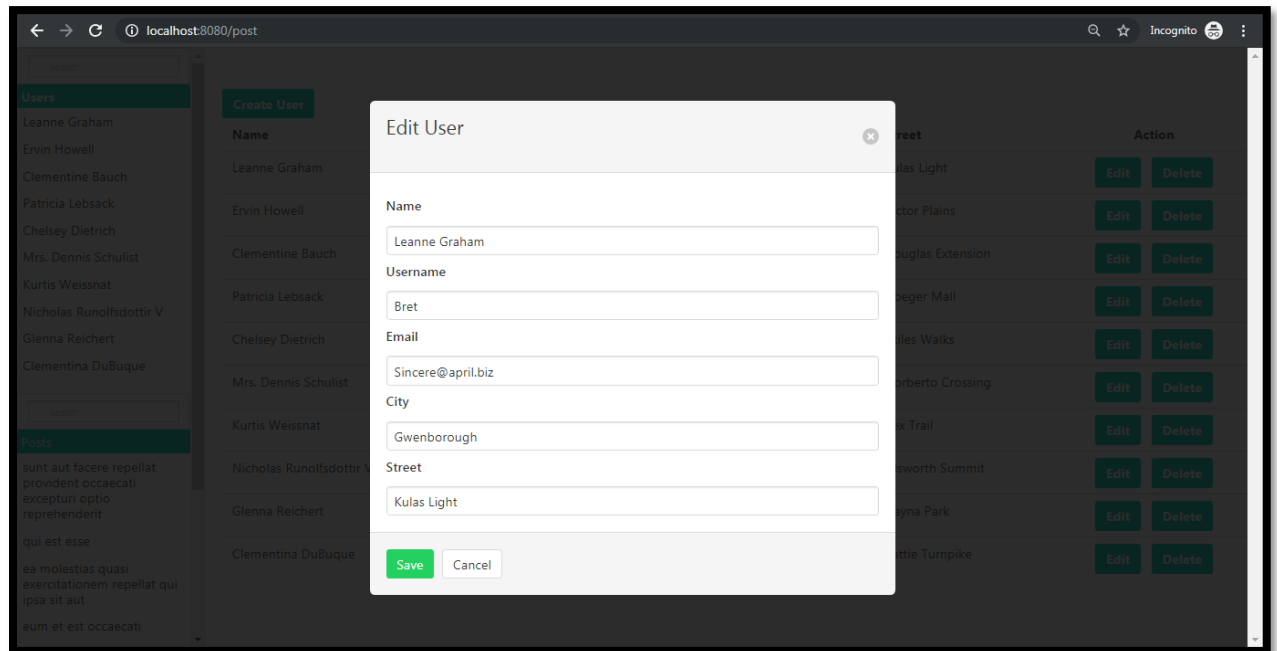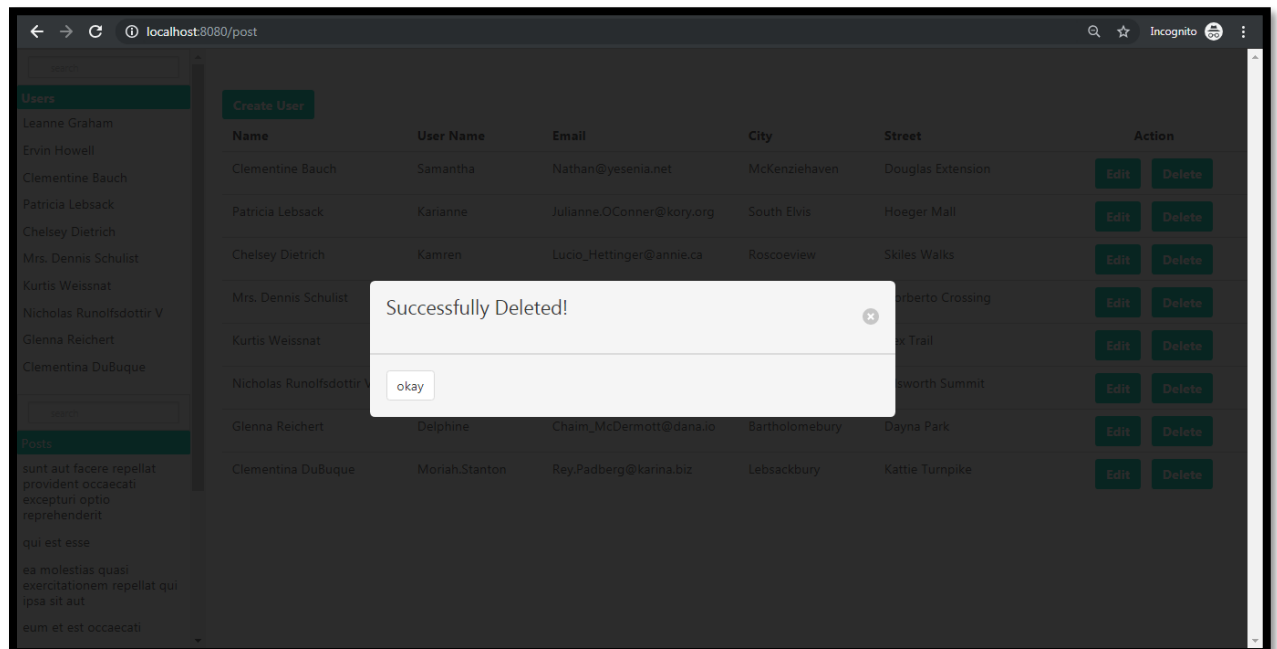
- To edit a user, click **Edit** button under "Action" column.
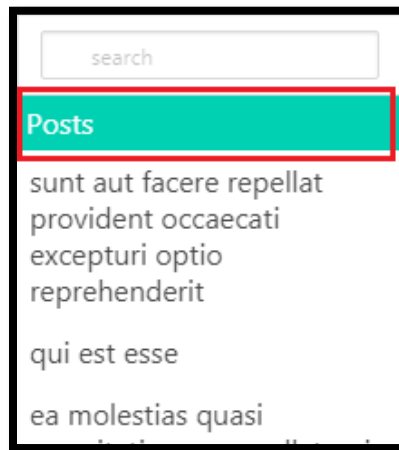

- To delete a user, click **Delete** button under "Action" column.

CRUD of Posts

- **On the lower left-hand side, click "Posts" button to display list of post.**

- **To create a post, click** **Create Post** **button under "Action" column.**
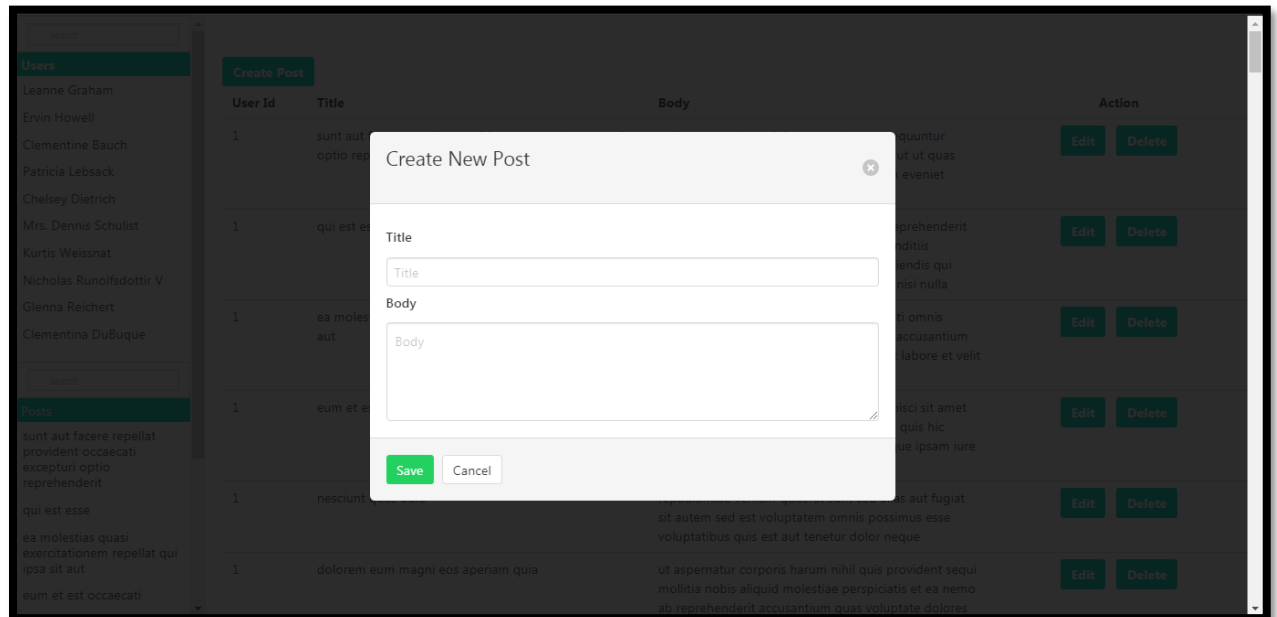
- **To edit a post, click** **Edit** **button under "Action" column.**
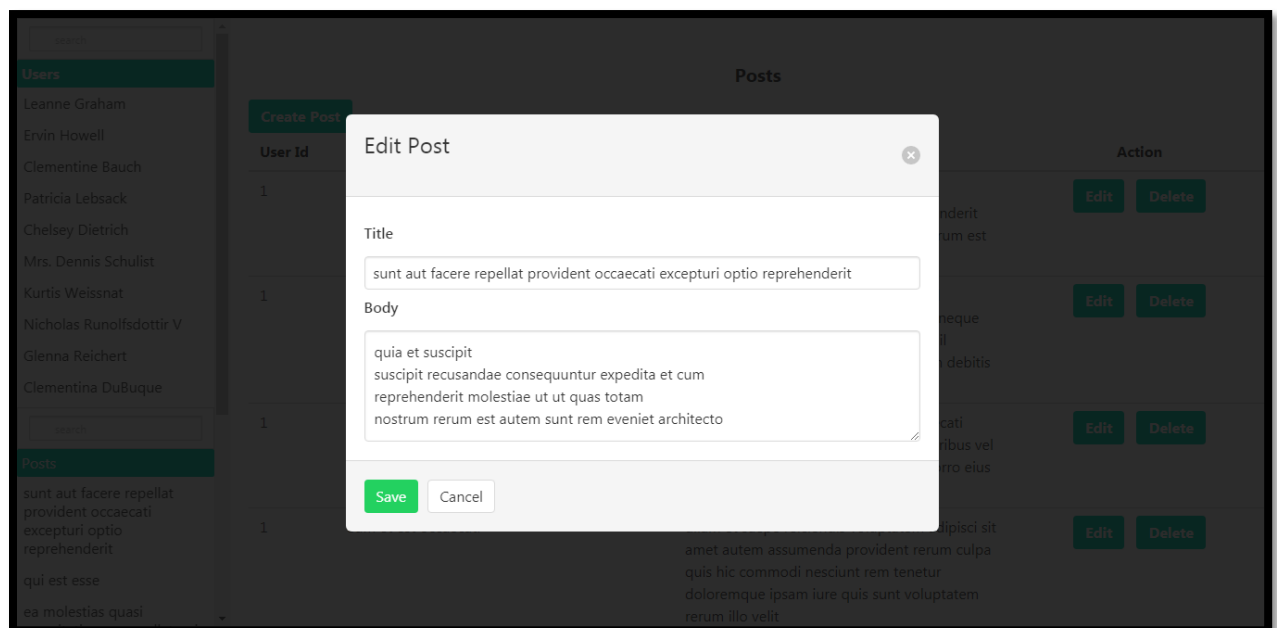
- **To delete a post, click** Delete **button under "Action" column.**

On the upper left-hand side, show the listing of users

On the lower left-hand side, show the listing of posts

The top search bar on the left-hand side should search for users by username

The bottom search bar on the left-hand side should search for posts by title

When user clicked on one of the users on the upper left-hand side, the right panel of the window should list the posts made by the selected user

When user clicked on one of the posts on the lower left-hand side, the right panel of the window should list the comments under that post.