

## 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 will create Vue project boiler template.

On project install the following dependencies:

- vue-resource – used for http request.
- sass-loader – used for importing css file
- node-sass – used for importing css file

- On command line ``npm install vue-resource sass-loader node-sass --save``

Copy “src” folder from my “app” folder and replace to the project “src” folder.

Run application - on command line ``npm run serve``

## 2. Take home exam:

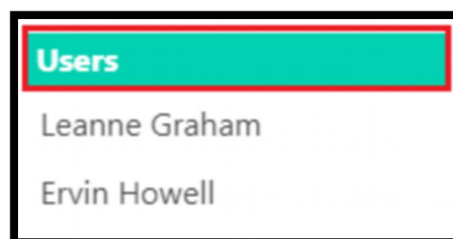
### Goal:

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.



Users

Leanne Graham  
Ervin Howell  
Clementine Bauch  
Patricia Lebsack  
Chelsey Dietrich  
Mrs. Dennis Schulist  
Kurtis Weissnat  
Nicholas Runolfsdottir V  
Glenna Reichert  
Clementina DuBuque

Posts

sunt aut facere repellat provident occaecati excepturi optio reprehenderit  
qui est esse  
ea molestias quasi

Create User

Name	User Name	Email	City	Street	Action
Leanne Graham	Bret	Sincere@april.biz	Gwenborough	Kulas Light	<button>Edit</button> <button>Delete</button>
Ervin Howell	Antonette	Shanna@melissa.tv	Wisokyburgh	Victor Plains	<button>Edit</button> <button>Delete</button>
Clementine Bauch	Samantha	Nathan@yesenia.net	McKenziehaven	Douglas Extension	<button>Edit</button> <button>Delete</button>
Patricia Lebsack	Karianne	Julianne.OConner@kory.org	South Elvis	Hoeger Mall	<button>Edit</button> <button>Delete</button>
Chelsey Dietrich	Kamren	Lucio_Hettinger@annie.ca	Roscoeview	Skiles Walks	<button>Edit</button> <button>Delete</button>
Mrs. Dennis Schulist	Leopoldo_Corkery	Karley_Dach@jasper.info	South Christy	Norberto Crossing	<button>Edit</button> <button>Delete</button>
Kurtis Weissnat	Elwyn.Skiles	Telly.Hoeger@billy.biz	Howemouth	Rex Trail	<button>Edit</button> <button>Delete</button>
Nicholas Runolfsdottir V	Maxime_Nienow	Sherwood@rosamond.me	Aliyaview	Ellsworth Summit	<button>Edit</button> <button>Delete</button>
Glenna Reichert	Delphine	Chaim_McDermott@dana.io	Bartholomebury	Dayna Park	<button>Edit</button> <button>Delete</button>

- To create a user, click **Create User** button.

Users

Leanne Graham  
Ervin Howell  
Clementine Bauch  
Patricia Lebsack  
Chelsey Dietrich  
Mrs. Dennis Schulist  
Kurtis Weissnat  
Nicholas Runolfsdottir V  
Glenna Reichert  
Clementina DuBuque

Posts

sunt aut facere repellat provident occaecati excepturi optio reprehenderit  
qui est esse  
ea molestias quasi exercitationem repellat qui ipsa sit aut  
eum et est occaecati

Create User

Name	User Name	Email	City	Street	Action
Leanne Graham	Bret	Sincere@april.biz	Gwenborough	Kulas Light	<button>Edit</button> <button>Delete</button>
Ervin Howell	Antonette	Shanna@melissa.tv	Wisokyburgh	Victor Plains	<button>Edit</button> <button>Delete</button>
Clementine Bauch	Samantha	Nathan@yesenia.net	McKenziehaven	Douglas Extension	<button>Edit</button> <button>Delete</button>
Patricia Lebsack	Karianne	Julianne.OConner@kory.org	South Elvis	Hoeger Mall	<button>Edit</button> <button>Delete</button>
Chelsey Dietrich	Kamren	Lucio_Hettinger@annie.ca	Roscoeview	Skiles Walks	<button>Edit</button> <button>Delete</button>
Mrs. Dennis Schulist	Leopoldo_Corkery	Karley_Dach@jasper.info	South Christy	Norberto Crossing	<button>Edit</button> <button>Delete</button>
Kurtis Weissnat	Elwyn.Skiles	Telly.Hoeger@billy.biz	Howemouth	Rex Trail	<button>Edit</button> <button>Delete</button>
Nicholas Runolfsdottir V	Maxime_Nienow	Sherwood@rosamond.me	Aliyaview	Ellsworth Summit	<button>Edit</button> <button>Delete</button>
Glenna Reichert	Delphine	Chaim_McDermott@dana.io	Bartholomebury	Dayna Park	<button>Edit</button> <button>Delete</button>

Create New User

Name

Username

Email

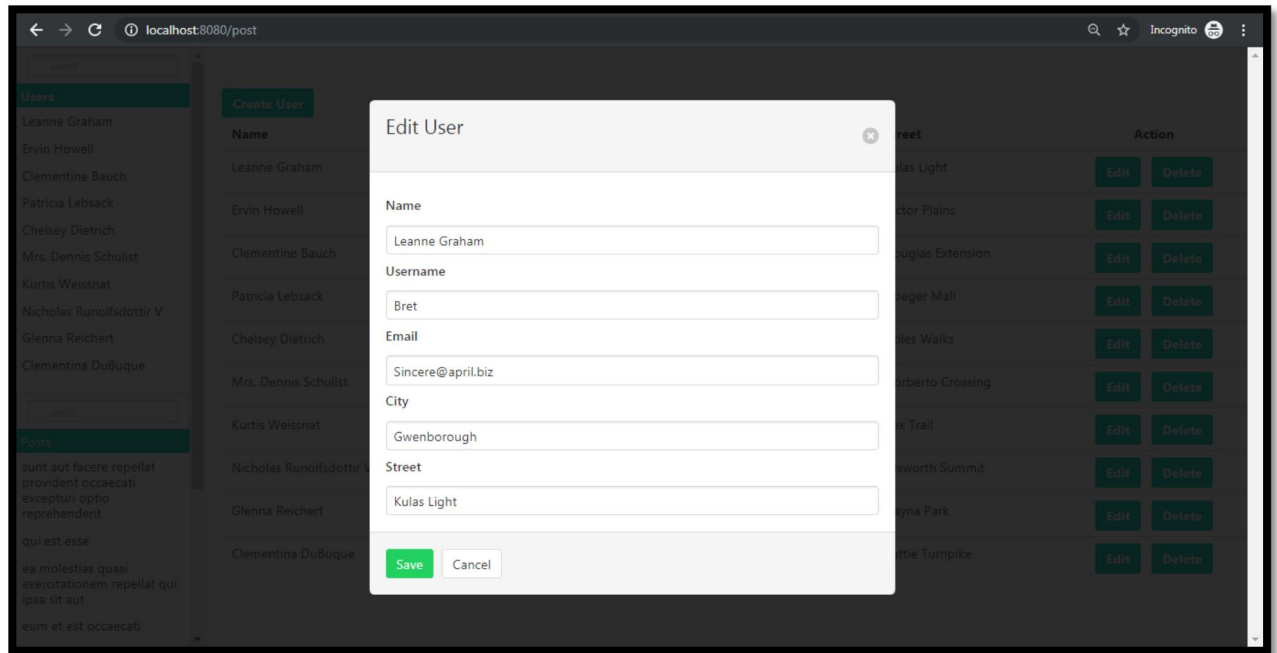
City

Street

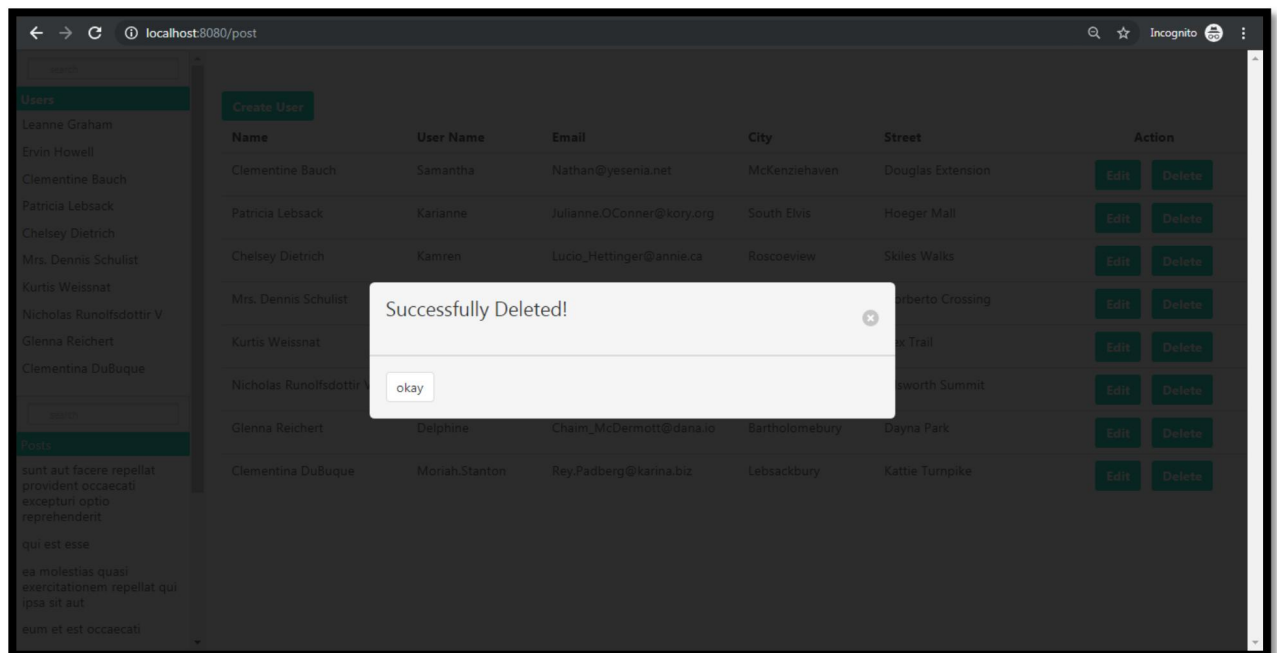
Save

Cancel

- To edit a user, click **Edit** button under “Action” column.

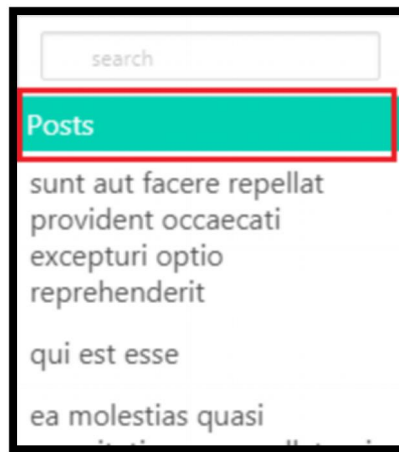


- To delete a user, click **Delete** button under “Action” column.



## CRUD of Posts

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



search

Users

Leanne Graham

Ervin Howell

Clementine Bauch

Patricia Lebsack

Chelsey Dietrich

Mrs. Dennis Schulist

Kurtis Weissnat

Nicholas Runolfsdottir V

Glenna Reichert

Clementina DuBuque

search

Posts

sunt aut facere repellat  
provident occaecati  
excepturi optio  
reprehenderit

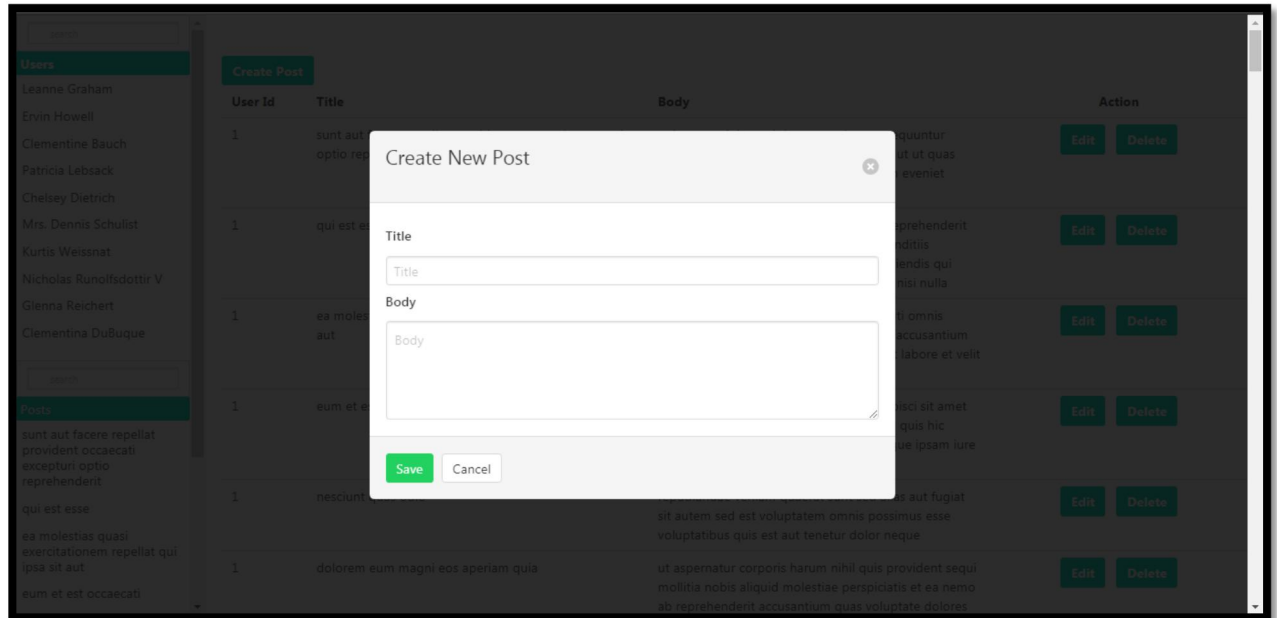
qui est esse

ea molestias quasi

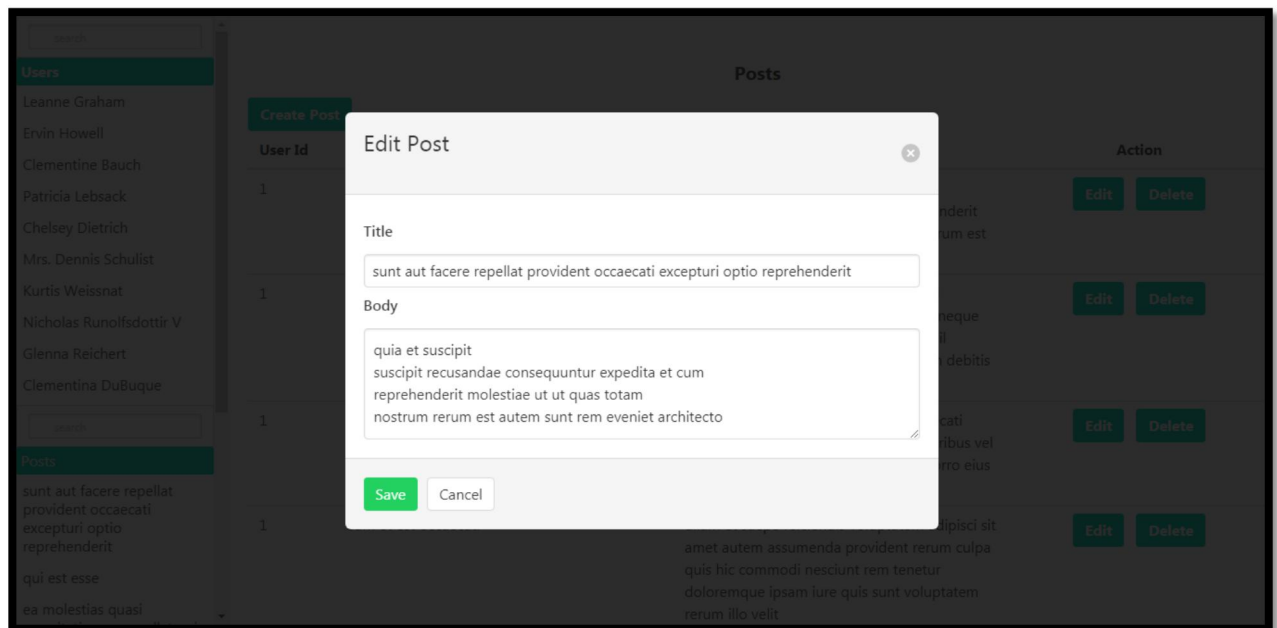
Create Post

User Id	Title	Body	Action
1	sunt aut facere repellat provident occaecati excepturi optio reprehenderit	quia et suscipit suscipit recusandae consequuntur expedita et cum reprehenderit molestiae ut ut quas totam nostrum rerum est autem sunt rem eveniet architecto	Edit Delete
1	qui est esse	est rerum tempore vitae sequi sint nihil reprehenderit dolor beatae ea dolores neque fugiat blanditiis voluptate porro vel nihil molestiae ut reiciendis qui aperiam non debitis possimus qui neque nisi nulla	Edit Delete
1	ea molestias quasi exercitationem repellat qui ipsa sit aut	et iusto sed quo iure voluptatem occaecati omnis eligendi aut ad voluptatem doloribus vel accusantium quis pariatur molestiae porro eius odio et labore et velit aut	Edit Delete
1	eum et est occaecati	ullam et saepe reiciendis voluptatem adipisci sit amet autem assumenda provident rerum culpa quis hic commodi nesciunt rem tenetur doloremque ipsam iure quis sunt voluptatem rerum illo velit	Edit Delete

- 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.

The screenshot shows a web application interface. On the left is a sidebar with a search bar and a list of users. The main area is titled 'Posts' and contains a table with columns: User Id, Title, Body, and Action. The table has four rows of posts. A modal dialog with the text 'Successfully Deleted!' and an 'okay' button is centered over the table, indicating a successful deletion operation.

User Id	Title	Body	Action
1	qui est esse	est rerum tempore vitae sequi sint nihil reprehenderit dolor beatae ea dolores neque fugiat blanditiis voluptate porro vel nihil	<a href="#">Edit</a> <a href="#">Delete</a>
1			<a href="#">Edit</a> <a href="#">Delete</a>
1	eum et est occaecati	ullam et saepe reiciendis voluptatem adipisci sit amet autem assumenda provident rerum culpa quis hic commodi nesciunt rem tenetur doloremque ipsam iure quis sunt voluptatem rerum illo velit	<a href="#">Edit</a> <a href="#">Delete</a>
1	nesciunt quas odio	repudiandae veniam quaerat sunt sed alias aut fugiat sit autem sed est voluptatem omnis possimus esse voluptatibus quis est aut tenetur dolor neque	<a href="#">Edit</a> <a href="#">Delete</a>

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

The screenshot shows a web application interface. On the left is a sidebar with a search bar and a list of users. The main area is titled 'Create User' and contains a table with columns: Name, User Name, Email, City, Street, and Action. The table has ten rows of user data. The sidebar on the left is highlighted with a red box, showing the 'Users' section selected.

Name	User Name	Email	City	Street	Action
Leanne Graham	Bret	Sincere@april.biz	Gwenborough	Kulas Light	<a href="#">Edit</a> <a href="#">Delete</a>
Ervin Howell	Antonette	Shanna@melissa.tv	Wisokyburgh	Victor Plains	<a href="#">Edit</a> <a href="#">Delete</a>
Clementine Bauch	Samantha	Nathan@yesenia.net	McKenziehaven	Douglas Extension	<a href="#">Edit</a> <a href="#">Delete</a>
Patricia Lebsack	Karianne	Julianne.OConner@kory.org	South Elvis	Hoeger Mall	<a href="#">Edit</a> <a href="#">Delete</a>
Chelsey Dietrich	Kamren	Lucio_Hettinger@annie.ca	Roscoeview	Skiles Walks	<a href="#">Edit</a> <a href="#">Delete</a>
Mrs. Dennis Schulist	Leopoldo_Corkery	Karley_Dach@jasper.info	South Christy	Norberto Crossing	<a href="#">Edit</a> <a href="#">Delete</a>
Kurtis Weissnat	Elwyn.Skiles	Telly.Hoeger@billy.biz	Howemouth	Rex Trail	<a href="#">Edit</a> <a href="#">Delete</a>
Nicholas Runolfsdottir V	Maxime_Nienow	Sherwood@rosamond.me	Aliyaview	Ellsworth Summit	<a href="#">Edit</a> <a href="#">Delete</a>
Glenna Reichert	Delphine	Chaim_McDermott@dana.io	Bartholomebury	Dayna Park	<a href="#">Edit</a> <a href="#">Delete</a>
Clementina DuBuque	Moriah.Stanton	Rey.Padberg@karina.biz	Lebsackbury	Kattie Turnpike	<a href="#">Edit</a> <a href="#">Delete</a>

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

Mrs. Dennis Schulist  
Kurtis Weissnat  
Nicholas Runolfsdottir V  
Glenna Reichert  
Clementina DuBuque

Posts  
sunt aut facere repellat  
provident occaecati  
excepturi optio  
reprehenderit  
qui est esse  
ea molestias quasi  
exercitationem repellat qui  
ipsa sit aut  
eum et est occaecati  
nesciunt quas odio  
dolorem eum magni eos  
aperiam quia  
magnam facilis autem  
dolorem dolore est ipsam  
nesciunt iure omnis  
dolorem tempora et  
accusantium  
optio molestias id quia eum

Create User

Name	User Name	Email	City	Street	Action
Leanne Graham	Bret	Sincere@april.biz	Gwenborough	Kulas Light	<button>Edit</button> <button>Delete</button>
Ervin Howell	Antonette	Shanna@melissa.tv	Wisokyburgh	Victor Plains	<button>Edit</button> <button>Delete</button>
Clementine Bauch	Samantha	Nathan@yesenia.net	McKenziehaven	Douglas Extension	<button>Edit</button> <button>Delete</button>
Patricia Lebsack	Karianne	Julianne.OConner@kory.org	South Elvis	Hoeger Mall	<button>Edit</button> <button>Delete</button>
Chelsey Dietrich	Kamren	Lucio_Hettinger@annie.ca	Roscoeview	Skiles Walks	<button>Edit</button> <button>Delete</button>
Mrs. Dennis Schulist	Leopoldo_Corkery	Karley_Dach@jasper.info	South Christy	Norberto Crossing	<button>Edit</button> <button>Delete</button>
Kurtis Weissnat	Elwyn.Skiles	Telly.Hoeger@billy.biz	Howemouth	Rex Trail	<button>Edit</button> <button>Delete</button>
Nicholas Runolfsdottir V	Maxime_Nienow	Sherwood@rosamond.me	Aliyaview	Ellsworth Summit	<button>Edit</button> <button>Delete</button>
Glenna Reichert	Delphine	Chaim_McDermott@dana.io	Bartholomebury	Dayna Park	<button>Edit</button> <button>Delete</button>
Clementina DuBuque	Moriah.Stanton	Rey.Padberg@karina.biz	Lebsackbury	Kattie Turnpike	<button>Edit</button> <button>Delete</button>

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

Antonette

Users  
Ervin Howell

Posts  
sunt aut facere repellat  
provident occaecati  
excepturi optio  
reprehenderit  
qui est esse  
ea molestias quasi  
exercitationem repellat qui  
ipsa sit aut  
eum et est occaecati

Create User

Name	User Name	Email	City	Street	Action
Leanne Graham	Bret	Sincere@april.biz	Gwenborough	Kulas Light	<button>Edit</button> <button>Delete</button>
Ervin Howell	Antonette	Shanna@melissa.tv	Wisokyburgh	Victor Plains	<button>Edit</button> <button>Delete</button>
Clementine Bauch	Samantha	Nathan@yesenia.net	McKenziehaven	Douglas Extension	<button>Edit</button> <button>Delete</button>
Patricia Lebsack	Karianne	Julianne.OConner@kory.org	South Elvis	Hoeger Mall	<button>Edit</button> <button>Delete</button>
Chelsey Dietrich	Kamren	Lucio_Hettinger@annie.ca	Roscoeview	Skiles Walks	<button>Edit</button> <button>Delete</button>
Mrs. Dennis Schulist	Leopoldo_Corkery	Karley_Dach@jasper.info	South Christy	Norberto Crossing	<button>Edit</button> <button>Delete</button>
Kurtis Weissnat	Elwyn.Skiles	Telly.Hoeger@billy.biz	Howemouth	Rex Trail	<button>Edit</button> <button>Delete</button>
Nicholas Runolfsdottir V	Maxime_Nienow	Sherwood@rosamond.me	Aliyaview	Ellsworth Summit	<button>Edit</button> <button>Delete</button>
Glenna Reichert	Delphine	Chaim_McDermott@dana.io	Bartholomebury	Dayna Park	<button>Edit</button> <button>Delete</button>
Clementina DuBuque	Moriah.Stanton	Rey.Padberg@karina.biz	Lebsackbury	Kattie Turnpike	<button>Edit</button> <button>Delete</button>

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

The screenshot shows a web application interface. On the left, there is a sidebar with a search bar and a list of users. The search bar is highlighted with a red box and contains the text "qui est esse". Below the search bar, there are two tabs: "Users" and "Posts". The "Users" tab is selected, and a list of users is displayed. The "Posts" tab is also visible, showing a list of posts. The main content area on the right displays a table of users with columns: Name, User Name, Email, City, Street, and Action. The table contains 10 rows of user data. Each row has "Edit" and "Delete" buttons in the Action column.

Name	User Name	Email	City	Street	Action
Leanne Graham	Bret	Sincere@april.biz	Gwenborough	Kulas Light	<a href="#">Edit</a> <a href="#">Delete</a>
Ervin Howell	Antonette	Shanna@melissa.tv	Wisokyburgh	Victor Plains	<a href="#">Edit</a> <a href="#">Delete</a>
Clementine Bauch	Samantha	Nathan@yesenia.net	McKenziehaven	Douglas Extension	<a href="#">Edit</a> <a href="#">Delete</a>
Patricia Lebsack	Karianne	Julianne.OConner@kory.org	South Elvis	Hoeger Mall	<a href="#">Edit</a> <a href="#">Delete</a>
Chelsey Dietrich	Kamren	Lucio_Hettinger@annie.ca	Roscoeview	Skiles Walks	<a href="#">Edit</a> <a href="#">Delete</a>
Mrs. Dennis Schulist	Leopoldo_Corkery	Karley_Dach@jasper.info	South Christy	Norberto Crossing	<a href="#">Edit</a> <a href="#">Delete</a>
Kurtis Weissnat	Elwyn.Skiles	Telly.Hoeger@billy.biz	Howemouth	Rex Trail	<a href="#">Edit</a> <a href="#">Delete</a>
Nicholas Runolfsson	Maxime_Nienow	Sherwood@rosamond.me	Aliyaview	Ellsworth Summit	<a href="#">Edit</a> <a href="#">Delete</a>
Glenna Reichert	Delphine	Chaim_McDermott@dana.io	Bartholomewbury	Dayna Park	<a href="#">Edit</a> <a href="#">Delete</a>
Clementina DuBuque	Moriah.Stanton	Rey.Padberg@karina.biz	Lebsackbury	Kattie Turnpike	<a href="#">Edit</a> <a href="#">Delete</a>

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

The screenshot shows the same web application interface, but now the "Posts" tab is selected in the sidebar. The main content area displays a table of posts for the selected user, "Leanne Graham". The table has columns: User Id, Title, Body, and Action. There are 4 rows of post data. Each row has "Edit" and "Delete" buttons in the Action column.

User Id	Title	Body	Action
1	sunt aut facere repellat provident occaecati excepturi optio reprehenderit	quia et suscipit suscipit recusandae consequuntur expedita et cum reprehenderit molestiae ut ut quas totam nostrum rerum est autem sunt rem eveniet architecto	<a href="#">Edit</a> <a href="#">Delete</a>
1	qui est esse	est rerum tempore vitae sequi sint nihil reprehenderit dolor beatae ea dolores neque fugiat blanditiis voluptate porro vel nihil molestiae ut reiciendis qui aperiam non debitis possimus qui neque nisi nulla	<a href="#">Edit</a> <a href="#">Delete</a>
1	ea molestias quasi exercitationem repellat qui ipsa sit aut	et iusto sed quo iure voluptatem occaecati omnis eligendi aut ad voluptatem doloribus vel accusantium quis pariatur molestiae porro eius odio et labore et velit aut	<a href="#">Edit</a> <a href="#">Delete</a>
1	eum et est occaecati	ullam et saepe reiciendis voluptatem adipisci sit amet autem assumenda provident rerum culpa quis hic commodi nesciunt rem tenetur deleamus iaculis vero qui sunt voluptatem	<a href="#">Edit</a> <a href="#">Delete</a>



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.

search

Users

Leanne Graham

Ervin Howell

Clementine Bauch

Patricia Lebsack

Chelsey Dietrich

Mrs. Dennis Schulist

Kurtis Weissnat

Nicholas Runolfsdottir V

Glenna Reichert

Clementina DuBuque

search

Posts

sunt aut facere repellat provident occaecati excepturi optio reprehenderit

qui est esse

ea molestias quasi

Comments

Title: sunt aut facere repellat provident occaecati excepturi optio reprehenderit

Post Id	Name	Email	Comments
1	id labore ex et quam laborum	Eliseo@gardner.biz	laudantium enim quasi est quidem magnam voluptate ipsam eos tempora quo necessitatibus dolor quam autem quasi reiciendis et nam sapiente accusantium
1	quo vero reiciendis velit similique earum	Jayne_Kuhic@sydney.com	est natus enim nihil est dolore omnis voluptatem numquam et omnis occaecati quod ullam at voluptatem error expedita pariatur nihil sint nostrum voluptatem reiciendis et
1	odio adipisci rerum aut animi	Nikita@garfield.biz	quia molestiae reprehenderit quasi aspernatur aut expedita occaecati aliquam eveniet laudantium omnis quibusdam delectus saepe quia accusamus maiores nam est cum et ducimus et vero voluptates excepturi deleniti ratione
1	alias odio sit	Lew@alyssha.tv	non et atque occaecati deserunt quas accusantium unde odit nobis qui voluptatem quia voluptas consequuntur itaque dolor et qui rerum deleniti ut occaecati