

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 VueTakeHomeExam and replace to the project “src” folder.

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

2. Take home exam:

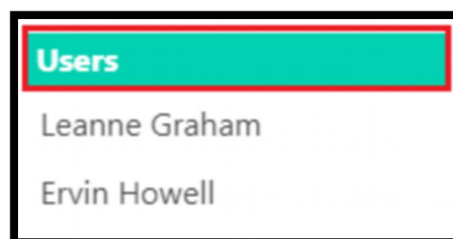
Goal:

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 Runolfsson 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 Runolfsson 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 Runolfsson V
Glenna Reichert
Clementina DuBuque

Posts

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

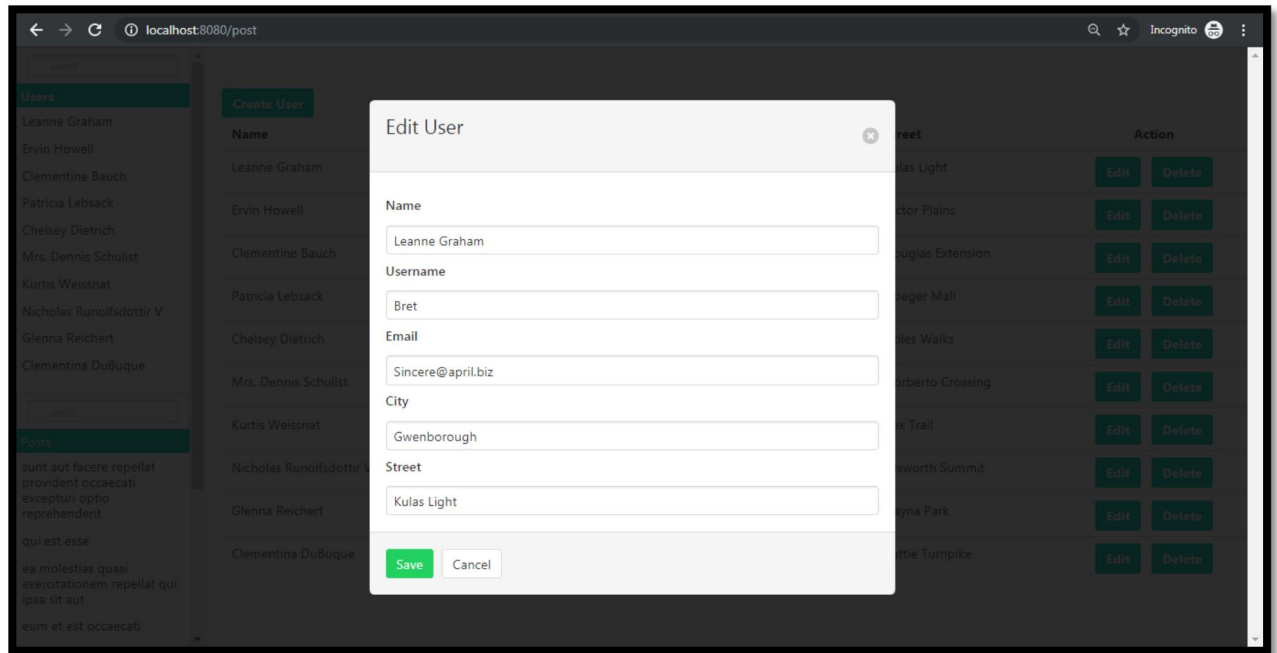
City

Street

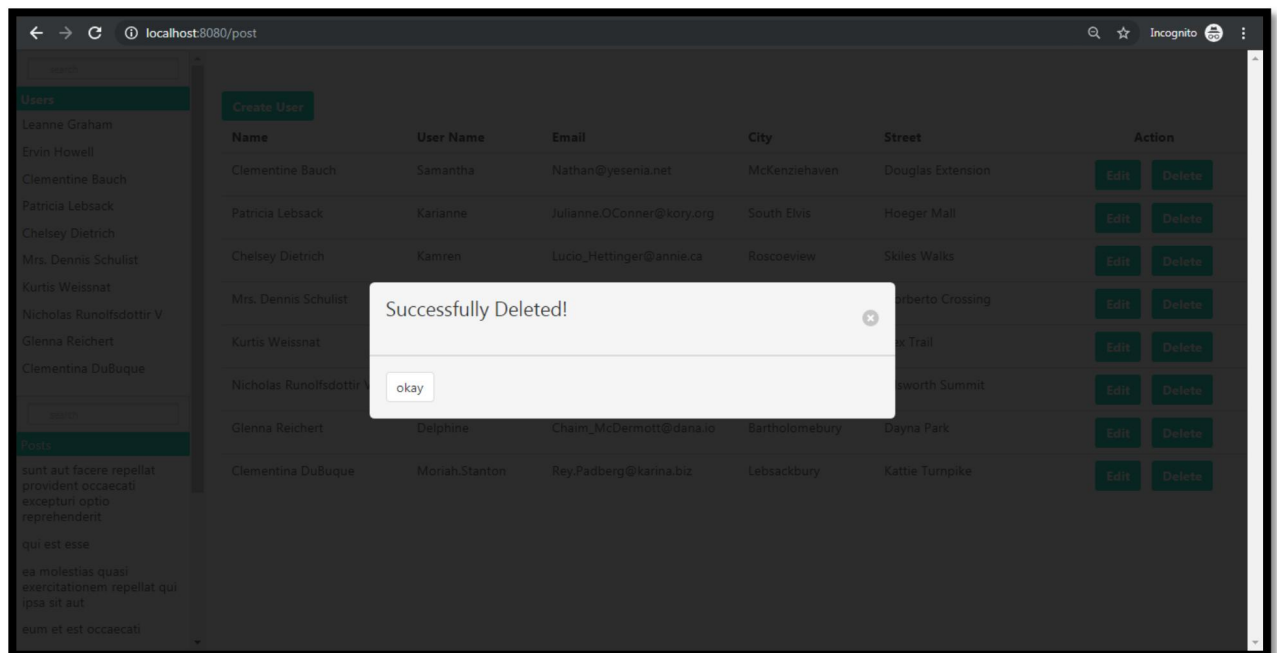
Save

Cancel

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

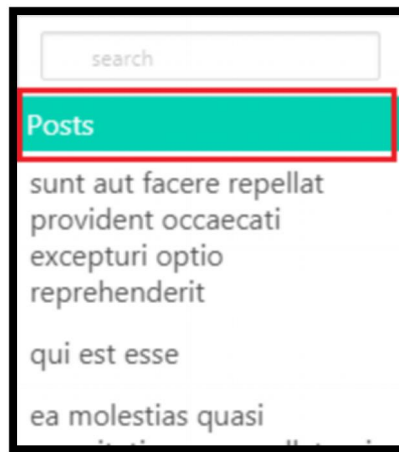


- To delete a user, click **Delete** button under “Action” column.



CRUD of Posts

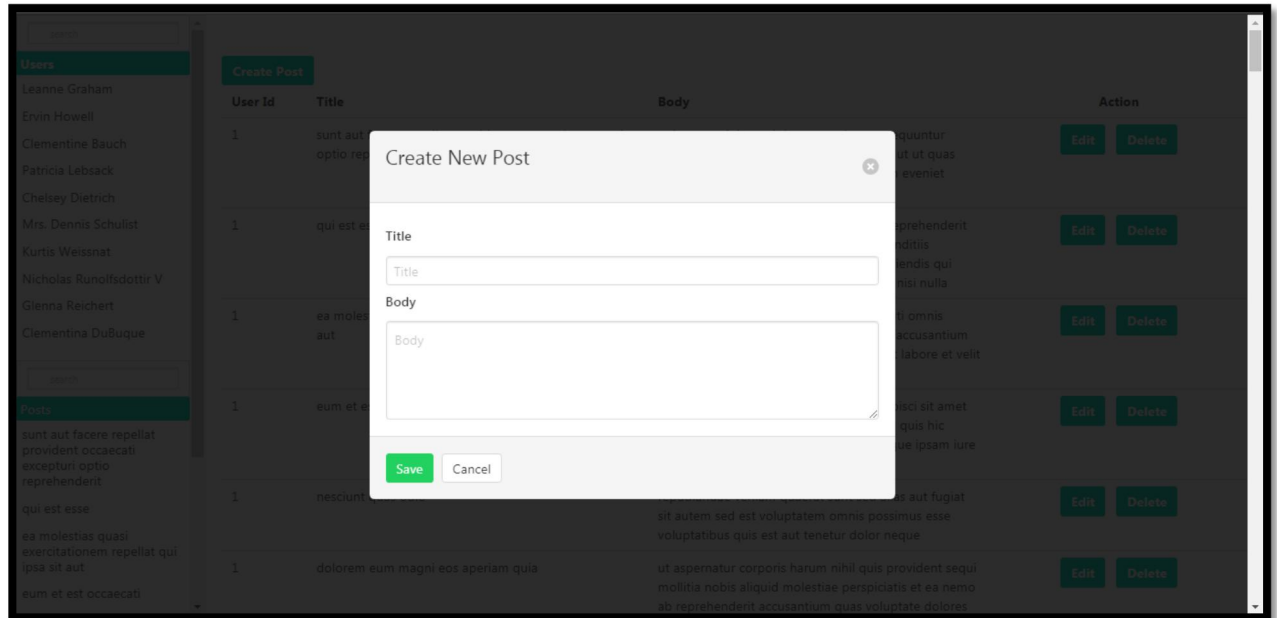
- On the lower left-hand side, click “Posts” button to display list of post.



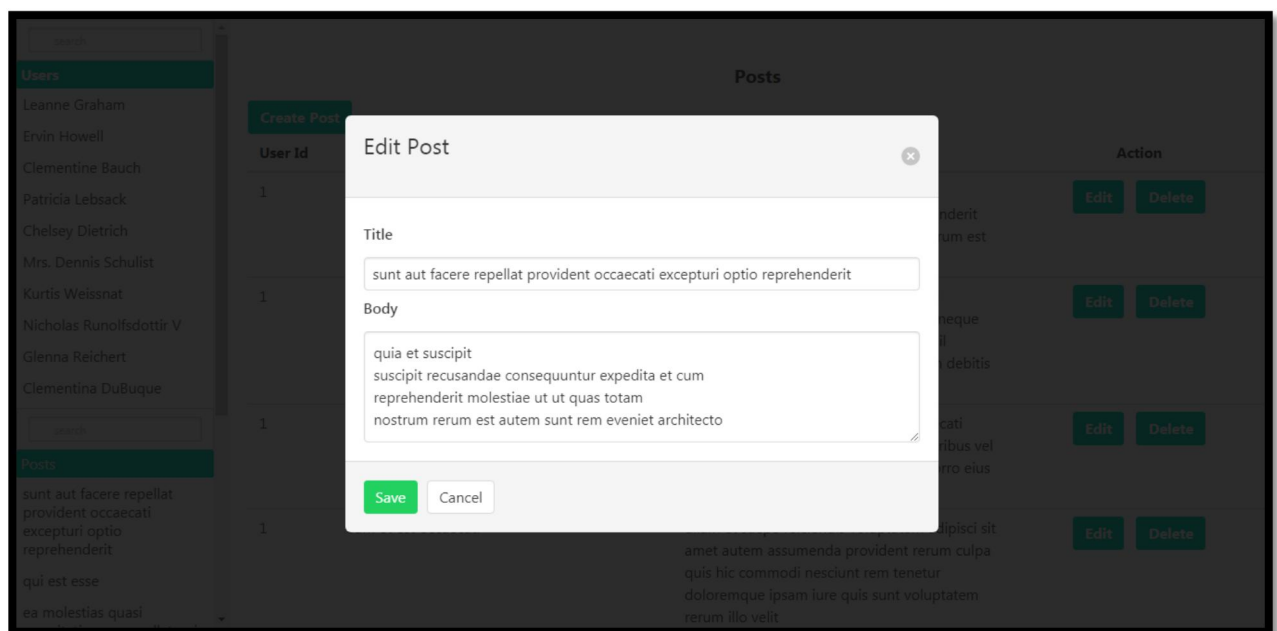
The screenshot displays the full application interface. On the left is a sidebar with a search bar and two main sections: 'Users' and 'Posts'. The 'Users' section lists several names, and the 'Posts' section shows a preview of post content. The main area of the application is titled 'Posts' and features a 'Create Post' button at the top left. Below this is a table with four columns: 'User Id', 'Title', 'Body', and 'Action'. The table contains four rows of post data, each with an 'Edit' and 'Delete' button 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	<button>Edit</button> <button>Delete</button>
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	<button>Edit</button> <button>Delete</button>
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	<button>Edit</button> <button>Delete</button>
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	<button>Edit</button> <button>Delete</button>

- 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 displays a table titled 'Posts'. The table has columns: 'User Id', 'Title', 'Body', and 'Action'. The 'Action' column contains 'Edit' and 'Delete' buttons. A modal dialog with the text 'Successfully Deleted!' and an 'okay' button is centered over the table.

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	Edit Delete
1			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
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	Edit Delete

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 displays a table titled 'Users'. The table has columns: 'Name', 'User Name', 'Email', 'City', 'Street', and 'Action'. The 'Action' column contains 'Edit' and 'Delete' buttons. The 'Users' sidebar menu is highlighted with a red box.

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

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 tempore 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 is a list of users: Leanne Graham, Ervin Howell, Clementine Bauch, Patricia Lebsack, Chelsey Dietrich, Mrs. Dennis Schulist, Kurtis Weissnat, Nicholas Runolfsdottir V, Glenna Reichert, and Clementina DuBuque. 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	<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>

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 as before, but now the right panel displays a list of posts for the selected user, Leanne Graham. The sidebar search bar is highlighted with a red box. The main content area on the right displays a table of posts with columns: User Id, Title, Body, and Action. The table contains 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	<button>Edit</button> <button>Delete</button>
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	<button>Edit</button> <button>Delete</button>
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	<button>Edit</button> <button>Delete</button>
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 ipsum qui sunt voluptatem	<button>Edit</button> <button>Delete</button>

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