

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 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:

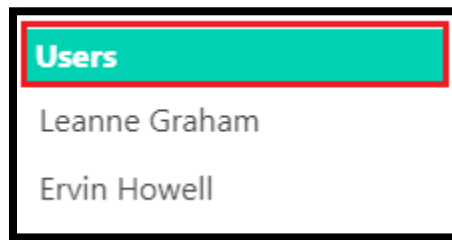
Goal:

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.



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 User

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

- To create a user, click

Create User

 button.

← → ↺ local:localhost:8080/post

🔍 ☆ Incognito

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

Create New User

Name

Name

Username

Username

Email

Email

City

City

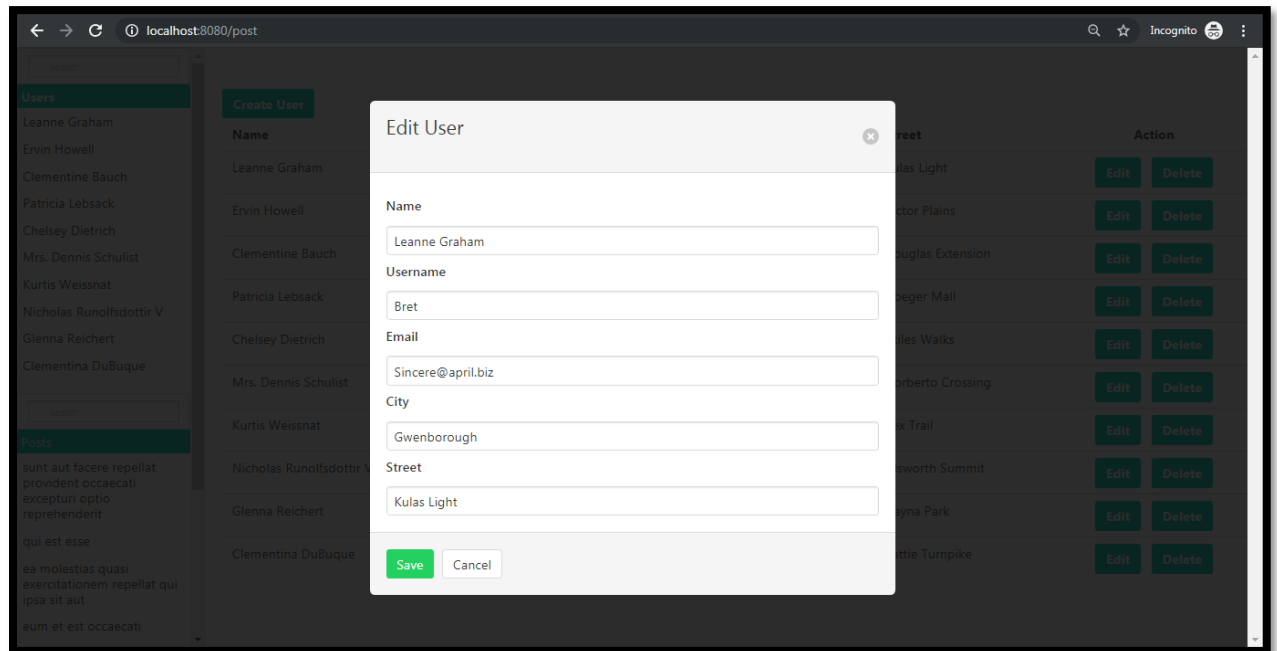
Street

Street

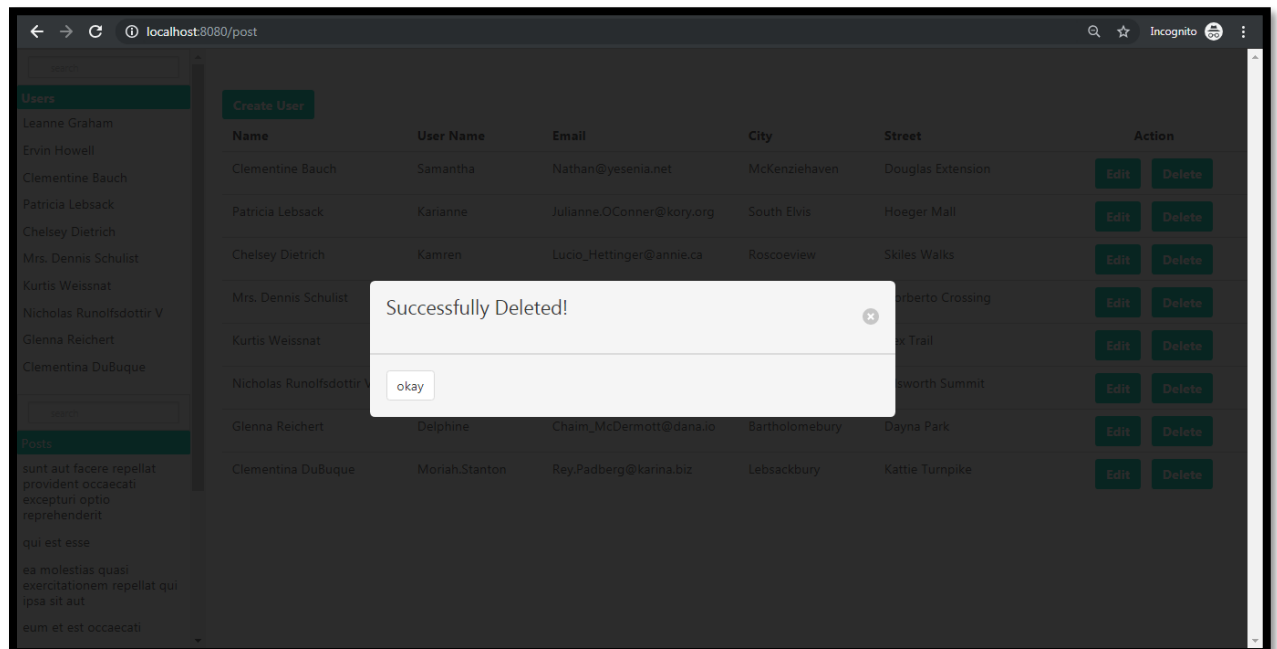
Save

Cancel

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

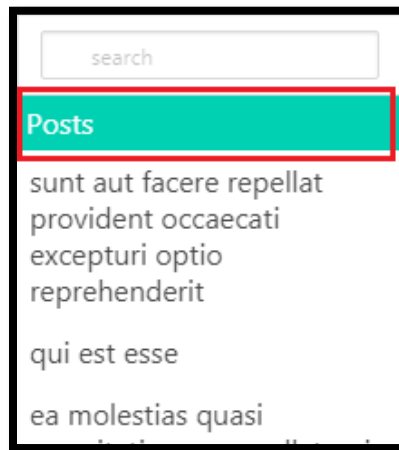


- To delete a user, click **Delete** button under “Action” column.



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

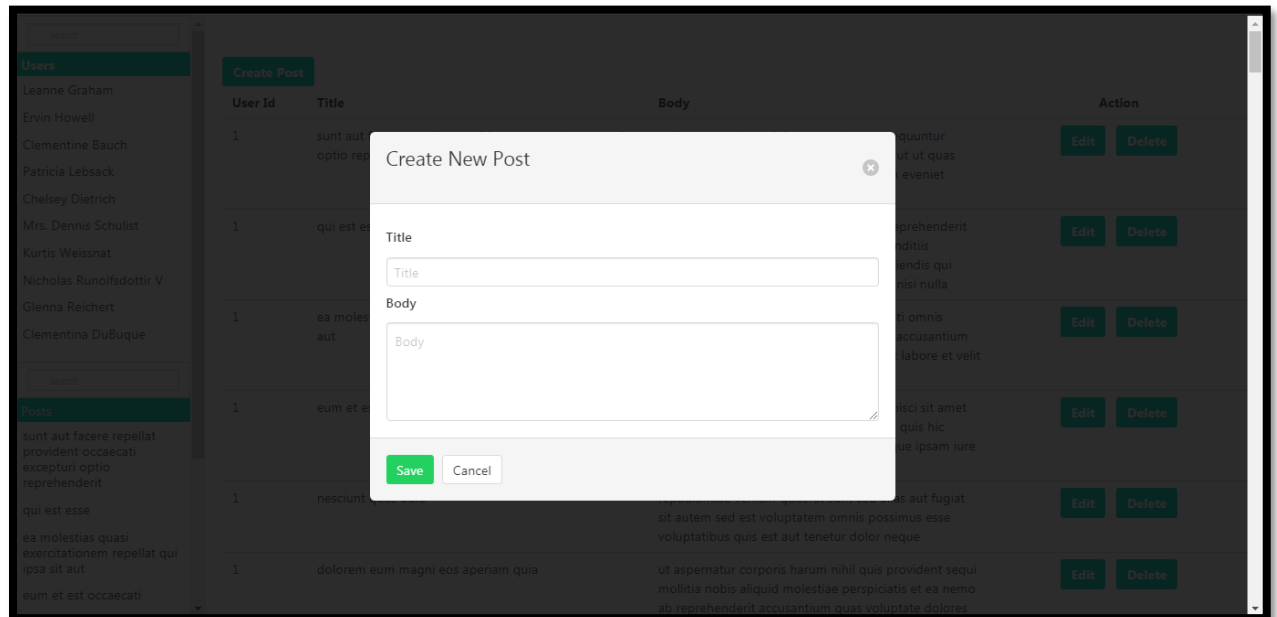
qui est esse

ea molestias quasi

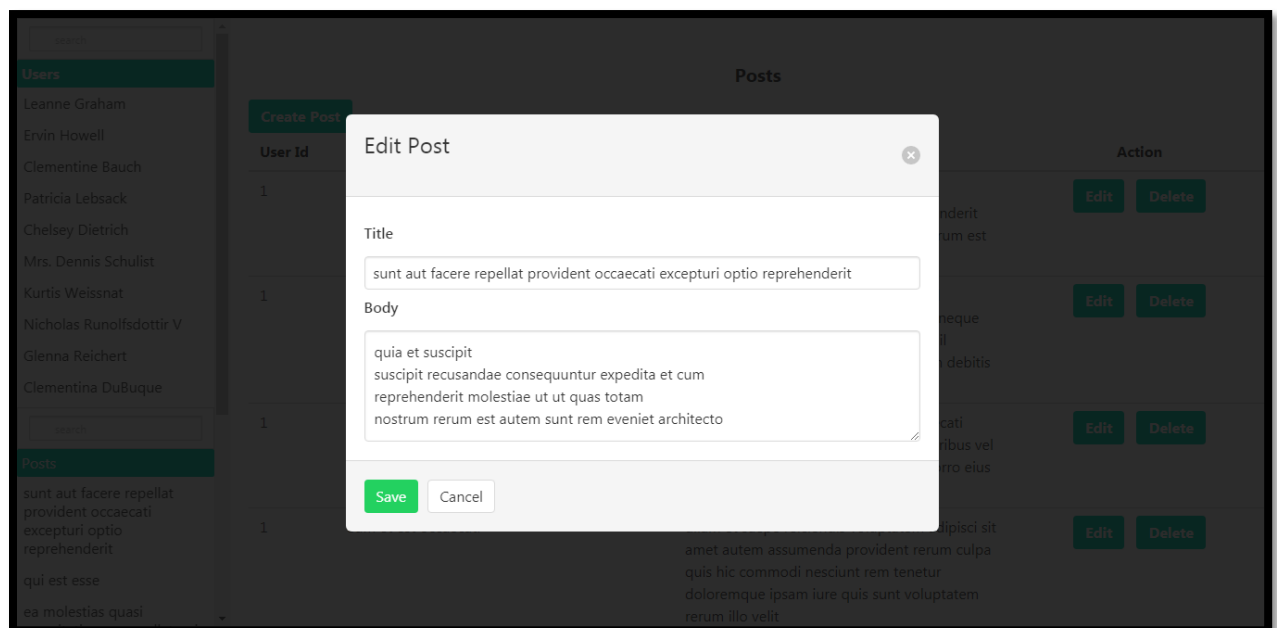
Create Post

| 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, there 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 | <button>Edit</button> <button>Delete</button> |
| 1 | | | <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> |
| 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 | <button>Edit</button> <button>Delete</button> |

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

The screenshot shows a web application interface. On the left, there 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 | <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> |

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 the text "qui est esse" is entered. Below the search bar, the "Posts" section is also highlighted with a red box. The main content area displays a table of users with columns: Name, User Name, Email, City, Street, and Action. The table lists several users, including Leanne Graham, Ervin Howell, Clementine Bauch, Patricia Lebsack, Chelsey Dietrich, Mrs. Dennis Schulist, Kurtis Weissnat, Nicholas Runolfsdottir V, Glenna Reichert, and Clementina DuBuque. Each user entry has "Edit" and "Delete" buttons.

| 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 Runolfsdottir V | 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 |

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 "Users" section in the sidebar is highlighted with a red box, and the "Posts" section is also highlighted with a red box. 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. The posts listed are:

| 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 deleamus iugam qui quis sunt voluptatem | Edit Delete |

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@alysha.tv | non et atque occaecati deserunt quas accusantium unde odit nobis qui voluptatem quia voluptas consequuntur itaque dolor et qui rerum deleniti ut occaecati |