

Blog with API

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REQUIREMENTS

- SPA Blog
- Overview
- Modal
- jQuery
- API requests
- Bootstrap
- Edit post
- Delete post
- Responsive

WORKFLOW

- Requirements
- Bootstrap / API
- Postman requests
- Git branches

WORKFLOW

- Requirements
- **Bootstrap / API**
- Postman requests
- Git branches

BOOTSTRAP

INSTALLATION

- CDN Link
(stylesheet)
- CDN Script
(JS functionality)

STRUCTURE

show

col-lg-4

fistro-lg

container

container-fluid

row

collapse

pb-4

col-sm-6

form-group

col

modal-text

modal

mx-2

mh-75

d-flex

grommet-sm

card-body

active

badge

in

HTML

?

JS

HTML

READING
THE DOCS

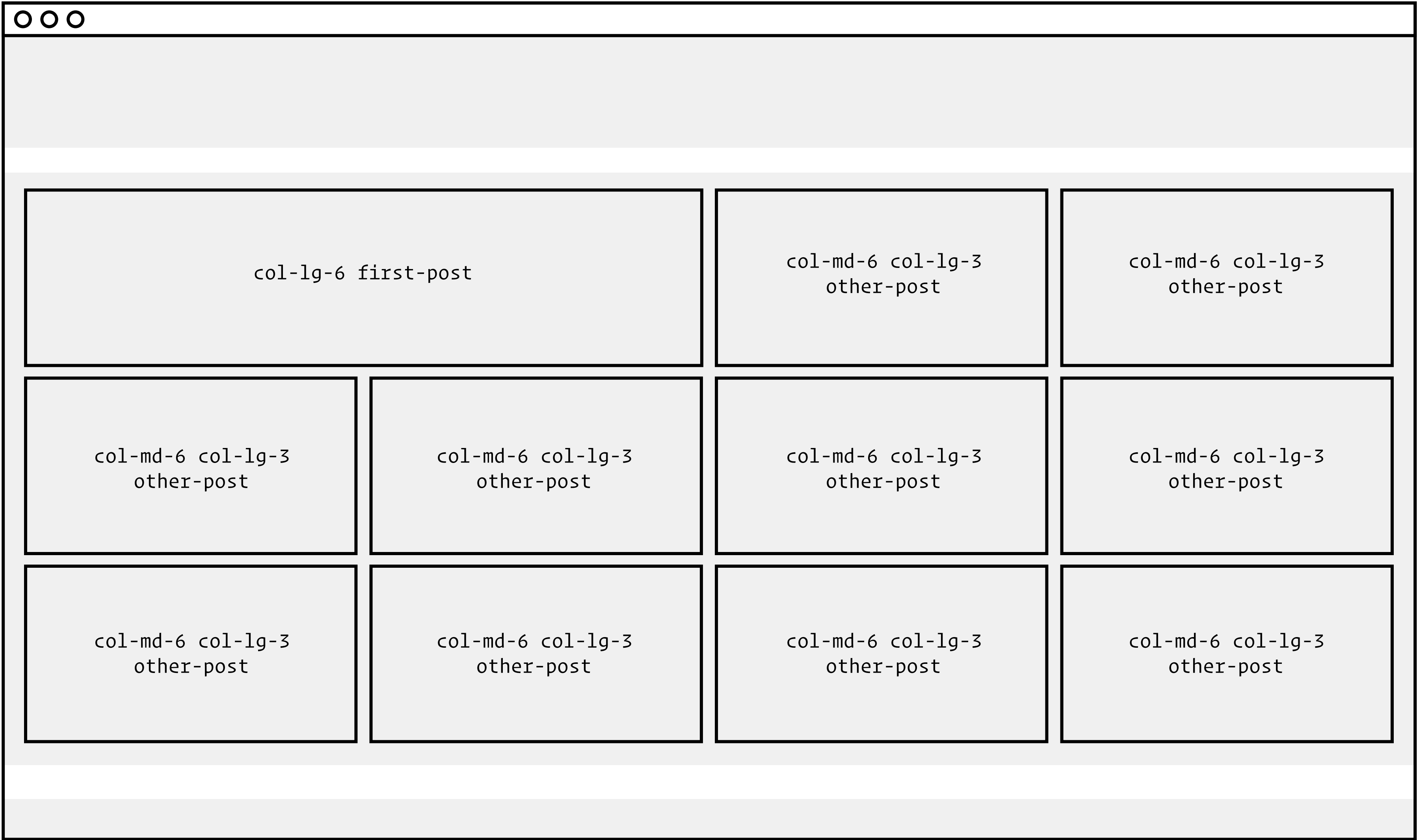
JS



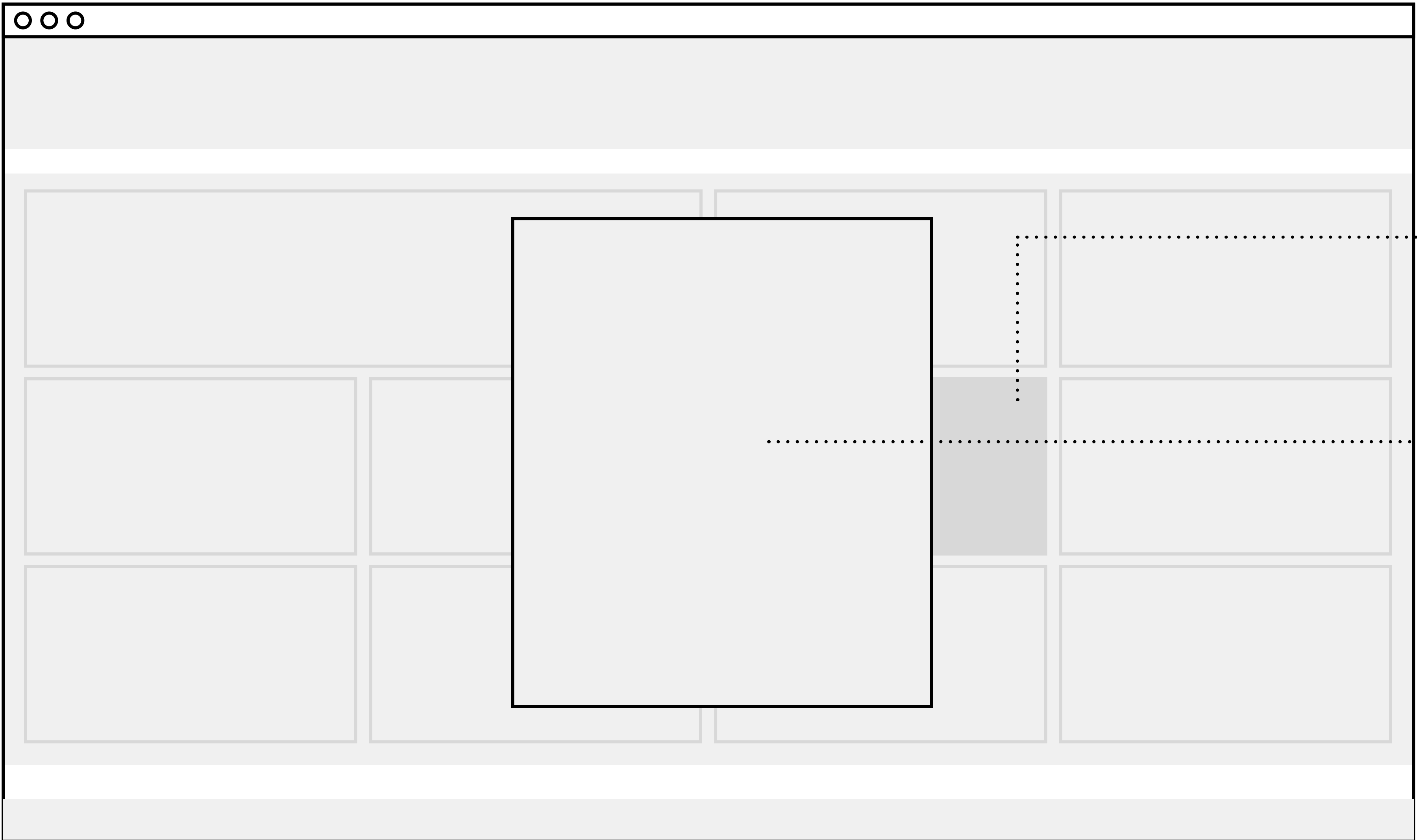
header/nav

main

footer

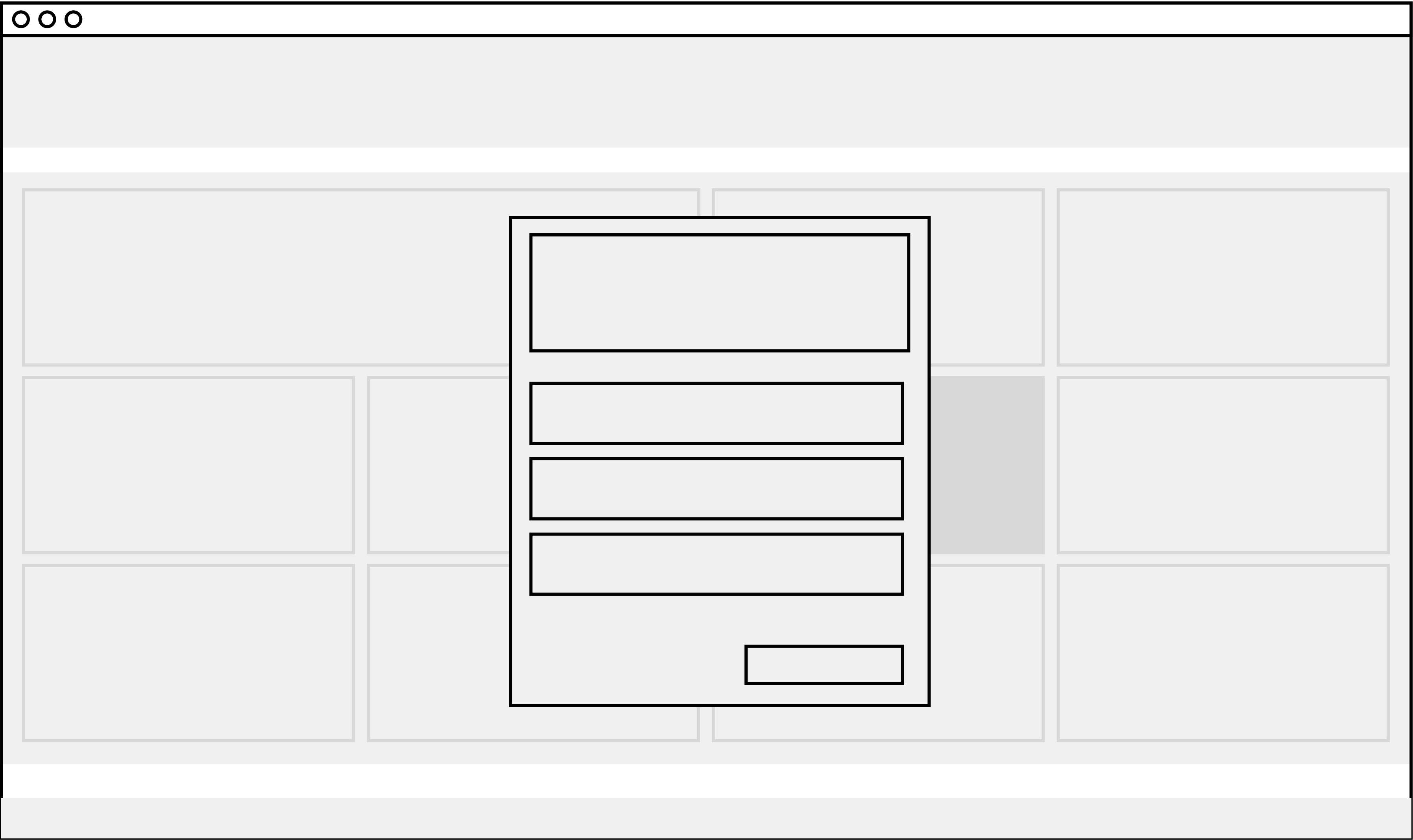


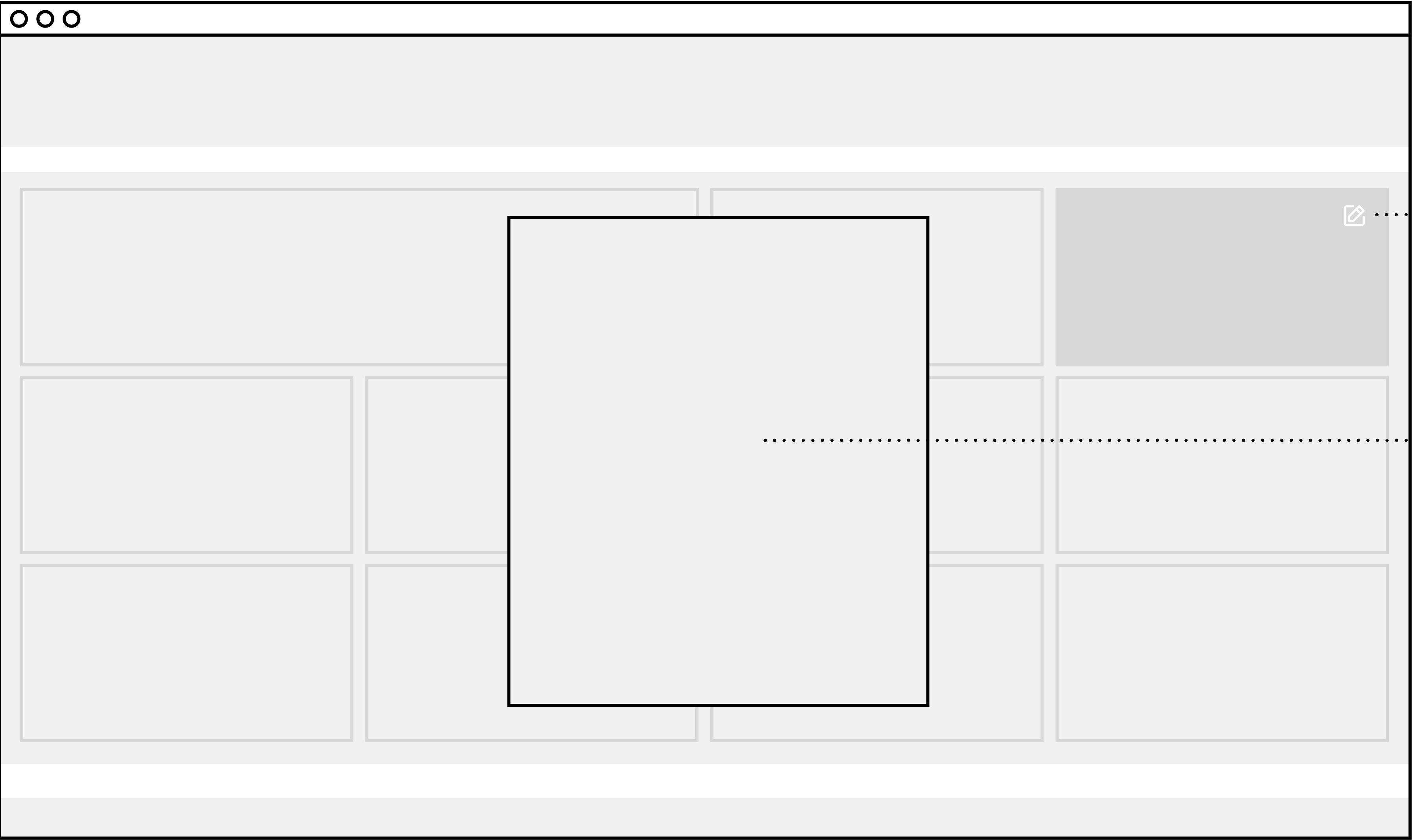
col-lg-6 first-post				col-md-6 col-lg-3 other-post	col-md-6 col-lg-3 other-post
col-md-6 col-lg-3 other-post	col-md-6 col-lg-3 other-post	col-md-6 col-lg-3 other-post	col-md-6 col-lg-3 other-post	col-md-6 col-lg-3 other-post	col-md-6 col-lg-3 other-post
col-md-6 col-lg-3 other-post	col-md-6 col-lg-3 other-post	col-md-6 col-lg-3 other-post	col-md-6 col-lg-3 other-post	col-md-6 col-lg-3 other-post	col-md-6 col-lg-3 other-post



Post
clicked

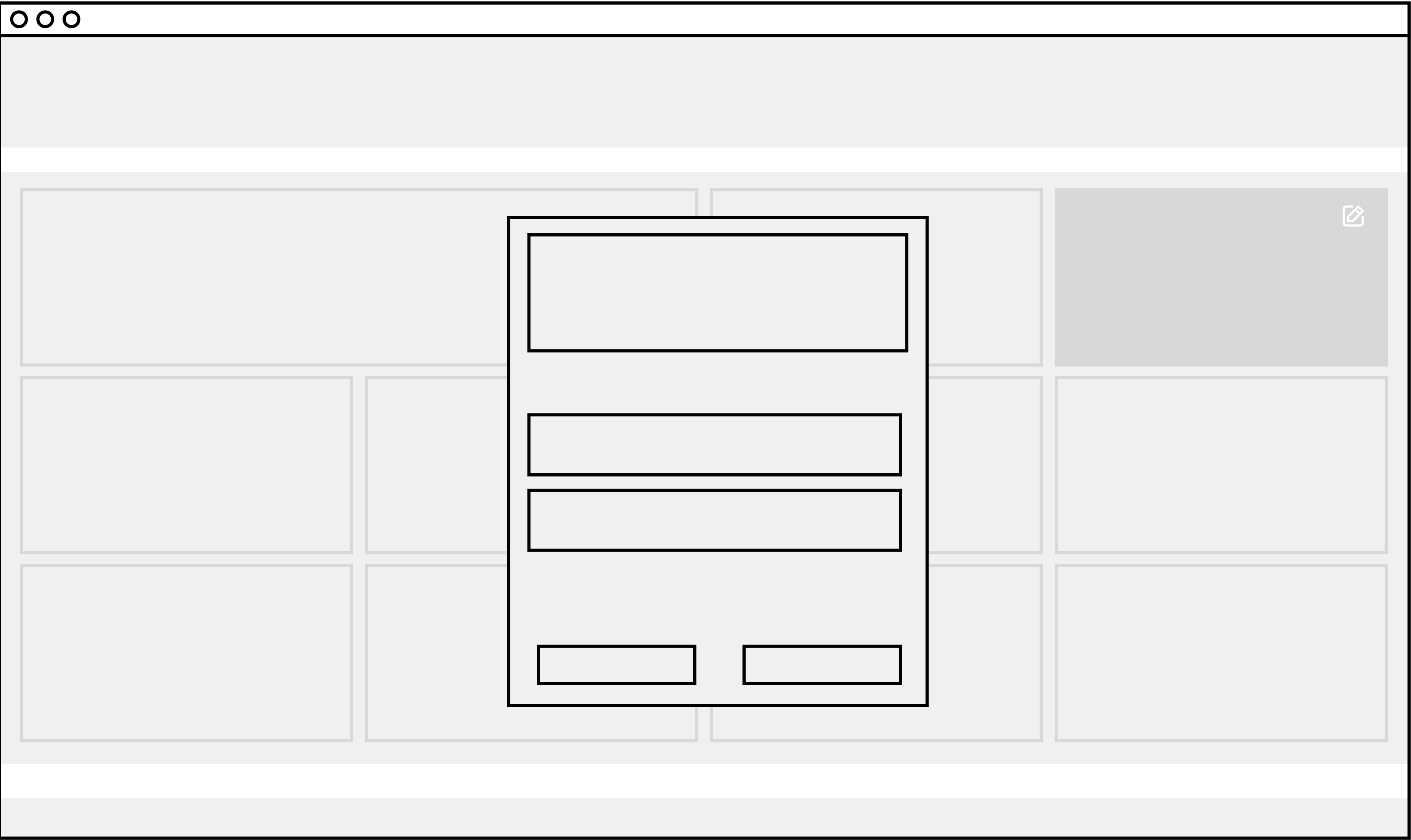
Check
modal





Edit
clicked

Edit
modal



New title



Username

Bret

Email

sincere@april.biz

Body



Comments



Done



Blog with API

Edit post



Title

New title

Body

Est rerum tempore vitae
sequi sint nihil reprehenderit dolor beatae ea dolores
neque
fugiat blanditiis voluptate porro vel nihil molestiae ut
reiciendis

Delete

Save

RESPONSIVE

Sunt aut facere repellat provident occaecati excepturi optio reprehenderit

Bret

New title

Bret

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Bret

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Bret

Nesciunt quas odio

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Dolorem eum magni eos aperiam quia

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Magnam facilis autem

Bret

Dolorem dolore est ipsam

Bret

Nesciunt iure omnis dolorem tempora et accusantium

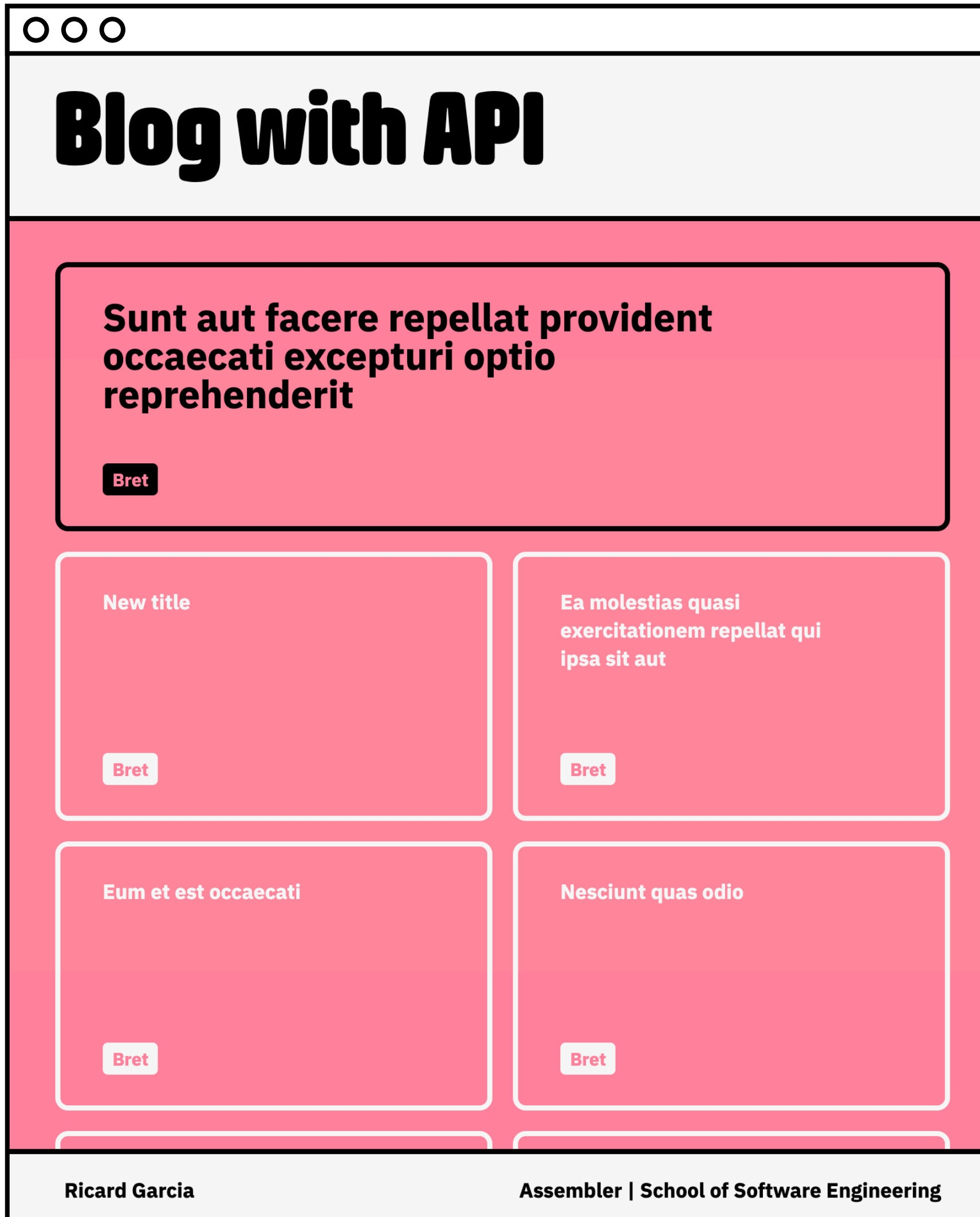
Bret

Optio molestias id quia eum

Bret

Et ea vero quia laudantium autem

Antonette



API REQUESTS

WORKFLOW

- Reading the docs
- Postman (jQuery)
- Initial API request
- Local requests

Home | Users

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reprehenderit

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exercitationem repellat qui ipsa
sit aut

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Nesciunt quas odio

Bret

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aperiam quia

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Magnam facilis autem

Bret

Nesciunt iure omnis dolorem
tempora et accusantium

Bret

Optio molestias id quia eum

Bret

Et ea vero quia laudantium
autem

Antonette

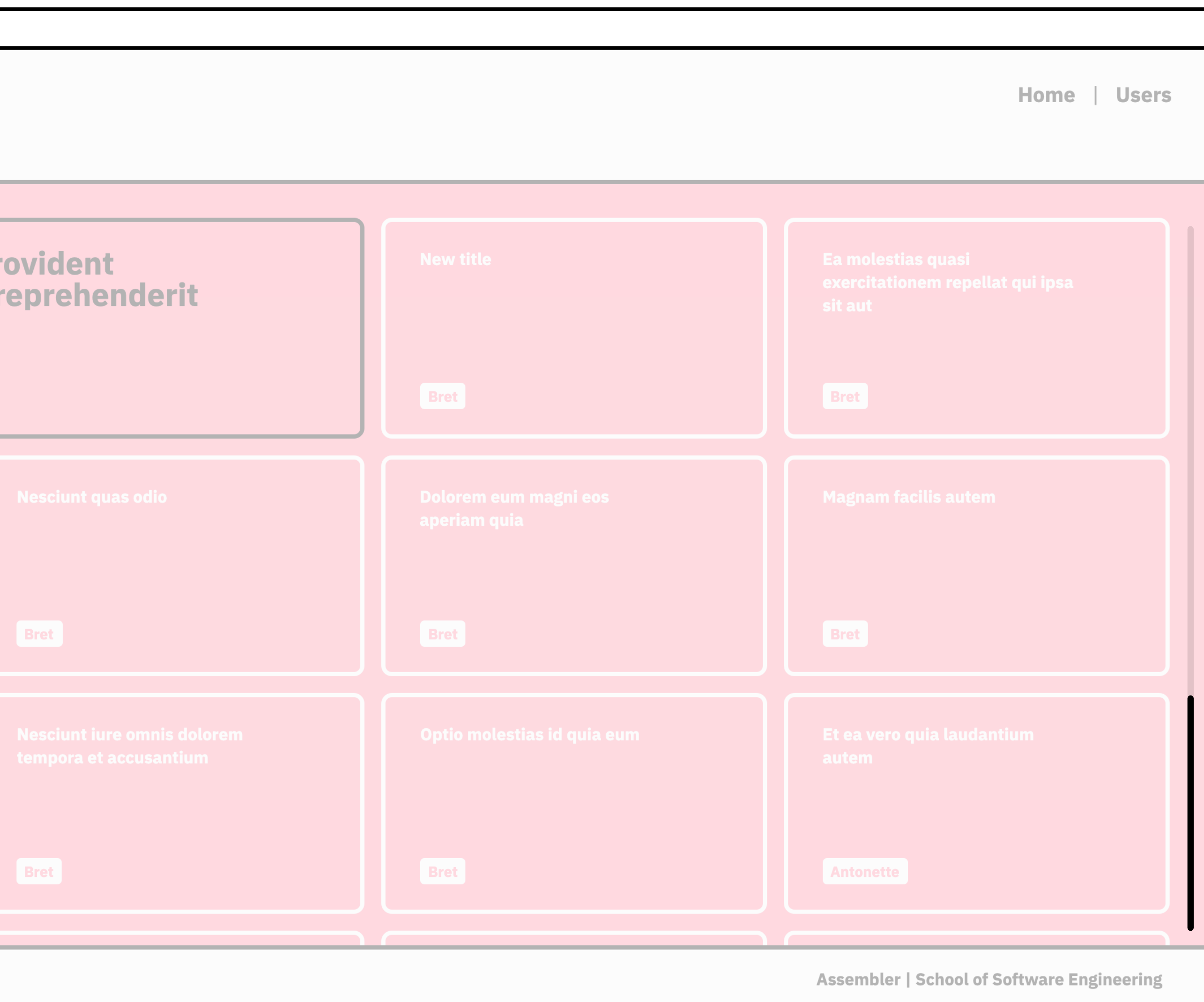
Assembler | School of Software Engineering

```
// GET 15 posts (on load)

function loadPosts(page, limit) {
  var settings = {
    url: baseUrl + `/posts?_page=${page}&_limit=${limit}`,
    method: "GET",
    timeout: 0,
    headers: {},
  };

  $.ajax(settings).done(function (response) {
    $(response).each(function (index, element) {
      // Setting post
    });
  });
}

loadPosts(1, 15);
```



```
... // GET 15 more posts (on scroll)

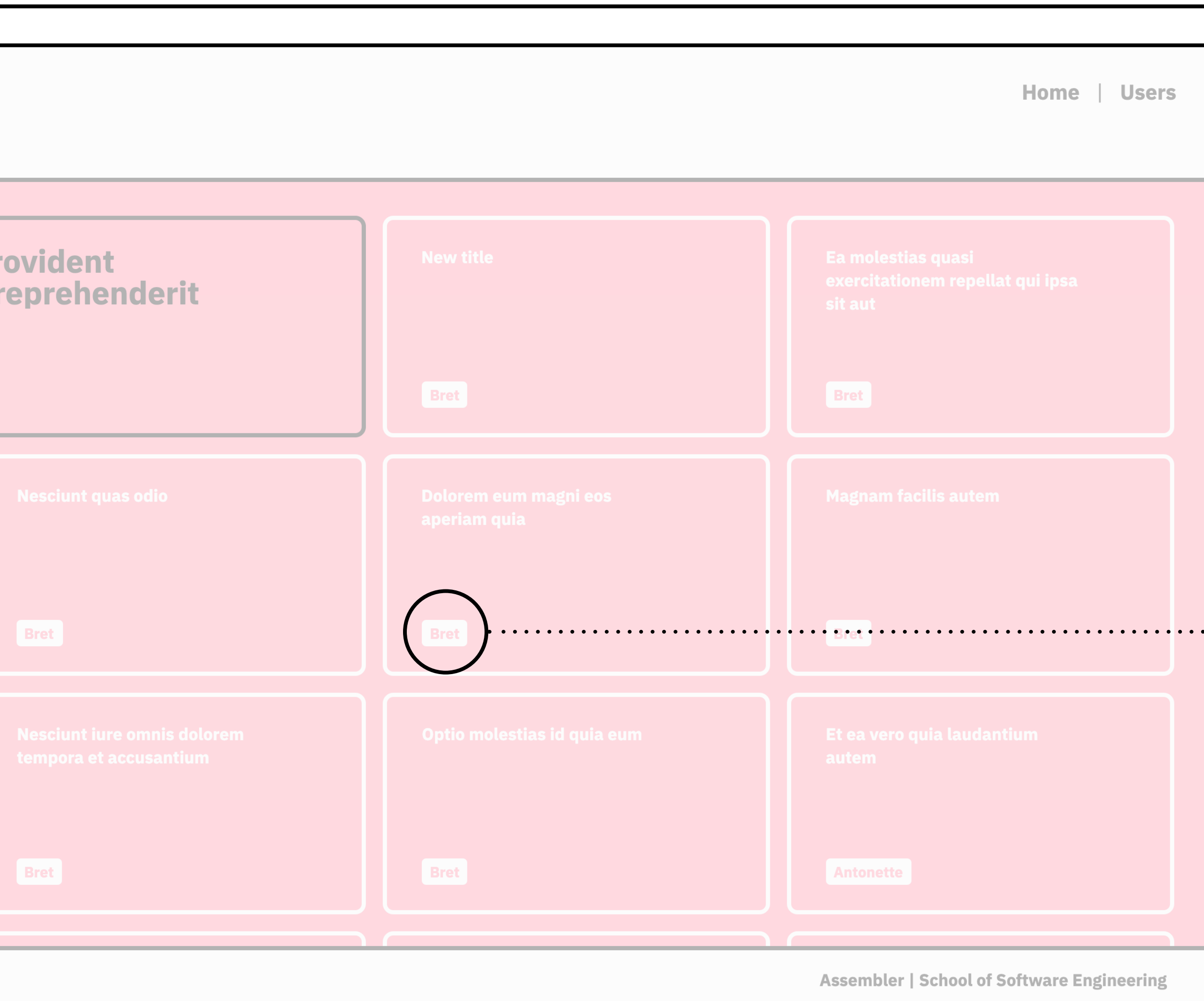
function scrollFunctionality() {
  $(pCont).scroll(function () {

    // Only make new requests when the bottom is reached
    if ($(this).scrollTop() + $(this).height() == pContHeight) {

      pageNum++;
      loadPosts(pageNum, 12);
    }
  })
}

scrollFunctionality()

...
```

```
... // GET all posts from user (on click)

function getUsersPost(userId) {
  var settings = {
    url: baseUrl + `/users/${userId}/posts`,
    method: "GET",
    timeout: 0,
    headers: {},
  };

  $.ajax(settings).done(function (response) {
    $(response).each(function (index, element) {
      // Set user's post
    });
  });
}
```

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Bret

Eum et est occaecati

Bret

Nesciunt quas odio

Bret

Dolorem eum magni eos aperiam quia

Bret

Magnam facilis autem

Bret

Dolorem dolore est ipsam

Bret

Nesciunt iure omnis dolorem tempora et accusantium

Bret

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Home | Users

provident reprehenderit

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Magnam facilis autem

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Nesciunt iure omnis dolorem tempora et accusantium

Bret

Optio molestias id quia eum

Bret

Et ea vero quia laudantium autem

Antonette

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```
// GET all users

function allUsers() {
  var settings = {
    url: localStorage + "/users",
    method: "GET",
    timeout: 0,
    headers: {},
  };

  $.ajax(settings).done(function (response) {
    // Set users' page
  });
}
```

Leanne Graham
(Bret)

Ervin Howell
(Antonette)

Clementine Bauch
(Samantha)

Patricia Lebsack
(Karianne)

Chelsey Dietrich
(Kamren)

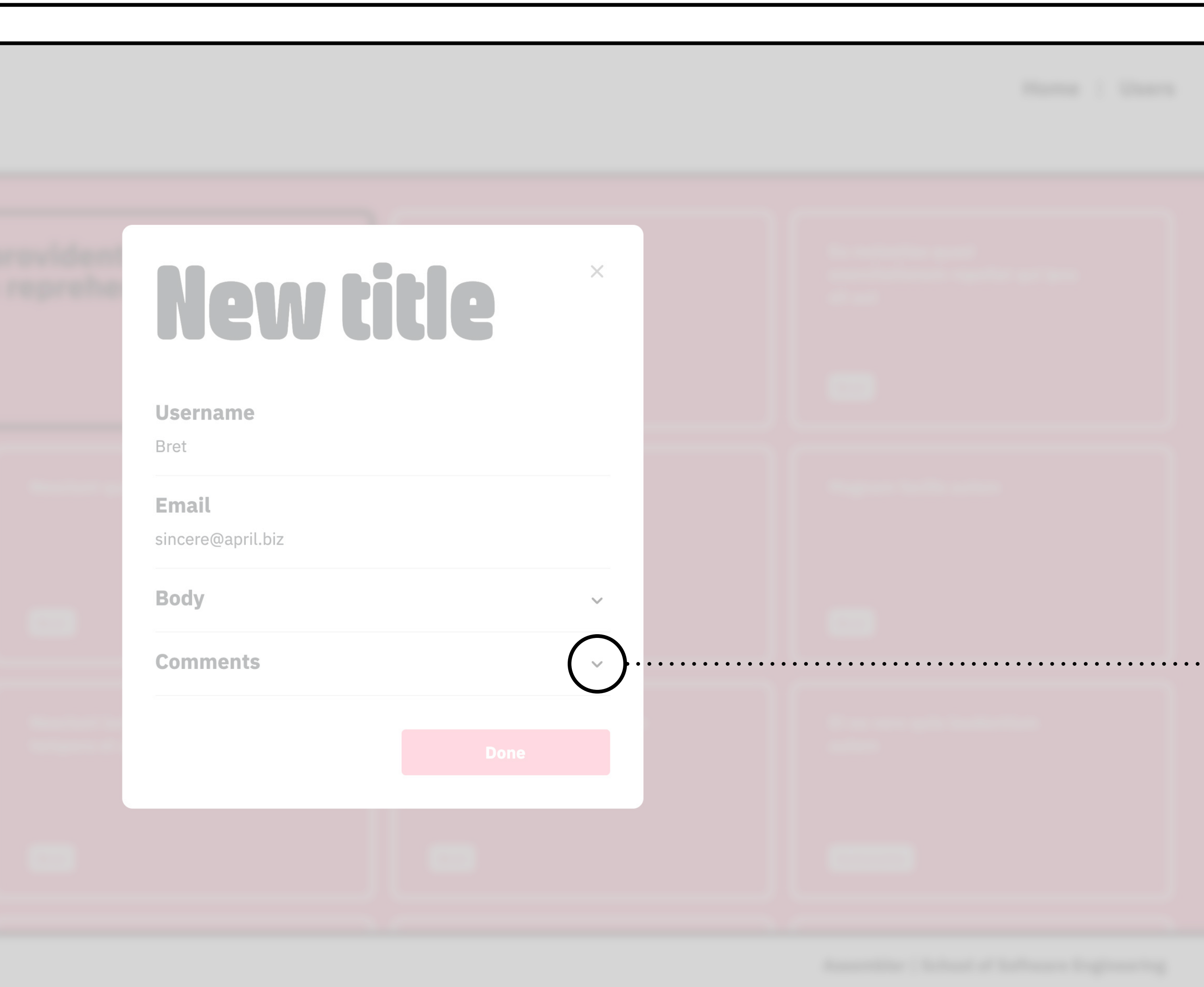
Mrs. Dennis Schulist
(Leopoldo_Corkery)

Kurtis Weissnat
(Elwyn.Skiles)

Nicholas Runolfsdottir V
(Maxime_Nienow)

Glenna Reichert
(Delphine)

Clementina DuBuque
(Moriah.Stanton)



```
... // GET comments from post (on click)

function setComments(postId) {

    var settings = {
        url: localUrl + `/post/${postId}/comments`,
        method: "GET",
        timeout: 0,
        headers: {},
    };

    $.ajax(settings).done(function (comments) {
        $(comments).each(function (index, element) {
            // Setting comment
        });
    });
}
```

✕

Edit post

Title

New title

Body

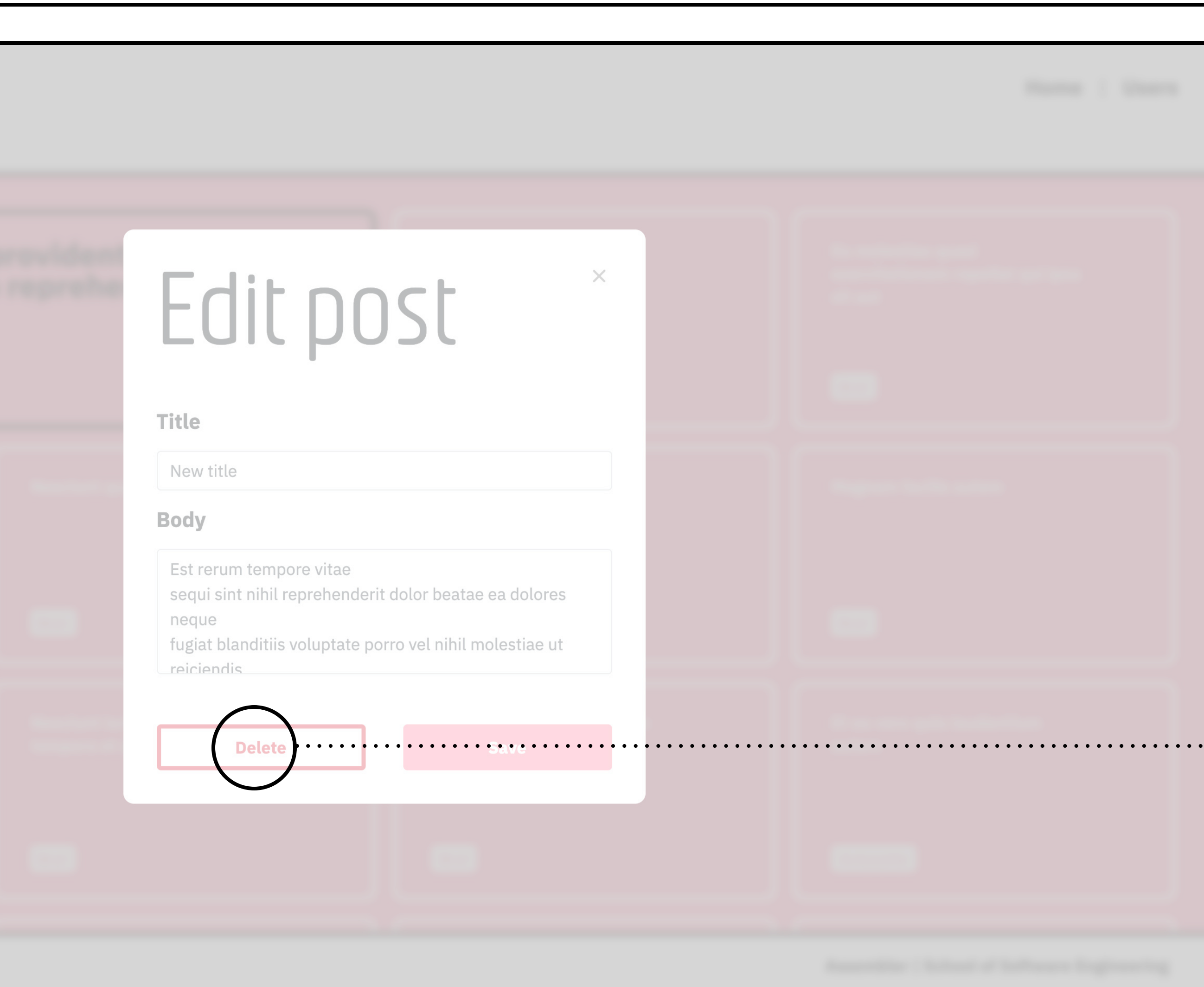
Est rerum tempore vitae
sequi sint nihil reprehenderit dolor beatae ea dolores
neque
fugiat blanditiis voluptate porro vel nihil molestiae ut
reiciendis

Delete

Save

... *// PATCH edited data (on click)*

```
function editPost(postId, newTitle, newBody) {  
  var settings = {  
    url: localUrl + `/posts/${postId}`,  
    method: "PATCH",  
    timeout: 0,  
    data: {  
      title: newTitle,  
      body: newBody,  
    },  
  };  
  $.ajax(settings).done(function () {  
    console.log("Edited post with id:", postId);  
  });  
}
```



```
... // DELETE post (on click)

function deletePost(postId) {
  var settings = {
    url: baseUrl + `/posts/${postId}`,
    method: "DELETE",
    timeout: 0,
    headers: {},
  };

  $.ajax(settings).done(function () {
    console.log("Deleted post with id:", postId);
  });
}
```

OVERVIEW

WISHLIST

- Add users
- Add posts
- User image
- Post image
- Tag filter
- Search area

LESSONS LEARNT

- When to request
 - What data to access
 - Query params
 - Read docs
-
- Mobile first (BT)
 - Template first
 - Individual git workflow
 - BT responsiveness

Thank you

DEMO