

BIT CRUD

Make a simple CRUD application that will communicate with API. It can be done with plain Javascript or any modern Javascript framework: Angular 2+, **React (preferred)** or Vue.js.

Tasks

[bbkt-0] Task 0

- Use GitHub branches and pull request for code review. Each person in team should be familiar with all the code written in the project.

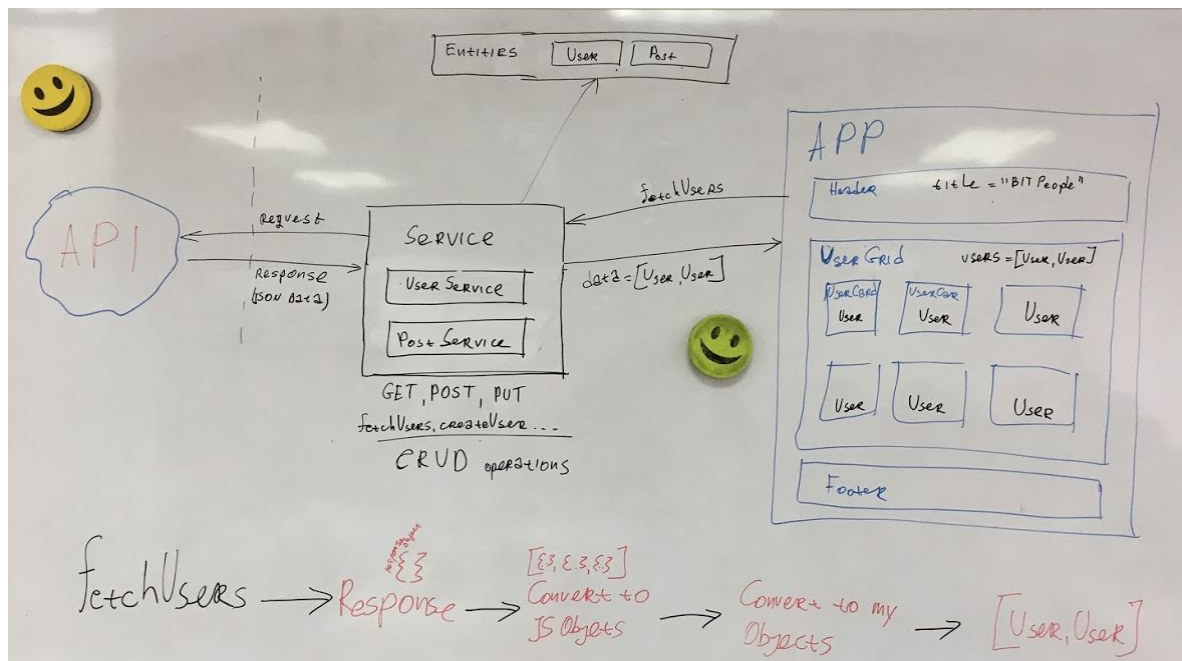
[bbkt-1] Task 1

- Create documentation (structure/decomposition of the page) about the components before starting any development. This documentation should be written in a README.md file of the project.

[bbkt-2] Task 2

- Use React framework for the project and set up your project using CRA

[bbkt-3] Task 3



- App should have neat and understandable folders and file structure. All our code should live in a directory and contain the following subfolders:
 - /app**
 - Everything related to React components. Add folders in app folder as you see fit
 - /entities**
 - Plain JavaScript constructor functions/ES6 classes, this folder is for objects like User, Post, Car
 - /services**
 - Services related to our main entities
 - /shared**
 - A place to store common methods (utils) and constants that are not UI-related

[bbkt-4] Task 4

- For style use your own styling system created using all the elements learned during the classes (for example you will have components called Title, Subtitle, Card, List, Grid, PrimaryButton etc...)

[bbkt-5] Task 5

- I should be able to communicate with (consume) the following web API in my application
- To use the API you need to set the following headers for all your requests to the server
 - Content-Type: application/json
 - x-api-key: B1tD3V
- Api documentation will be provided after you setup design system it will be restful and you can use blog <https://blog-api.hypetech.xyz/api-docs/> for a reference

Endpoints

<http://crud-api.hypetech.xyz/v1/auth/register>
<http://crud-api.hypetech.xyz/v1/auth/login>
<http://crud-api.hypetech.xyz/v1/posts>
<http://crud-api.hypetech.xyz/v1/comments>

Existing account

username: dev@dev.com
Pass: devdev

Features

Register



Sign up

First Name *	Last Name *
Email Address *	
Password *	
<input type="checkbox"/> I want to receive inspiration, marketing promotions and updates via email.	
SIGN UP	

[Already have an account? Sign in](#)

- As a user, I should have an option to register
- As a user I should be notified if I enter invalid data or if a username or a user with the same email address already exists (server will return errors)
- As a user I should also be notified if my password is not secure enough
- As a user after I successfully register, I should be redirected to the Login

Login



Sign in

Email Address *

Password *

☐ Remember me

SIGN IN

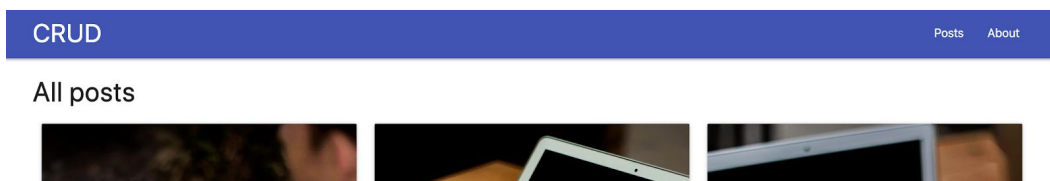
[Forgot password?](#)

[Don't have an account? Sign Up](#)

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- As a user, I should be able to see a welcome message and a Login component when my App is started.
- I should get error if I enter the wrong email and/or password when trying to log in (server will return errors)

Header (public)



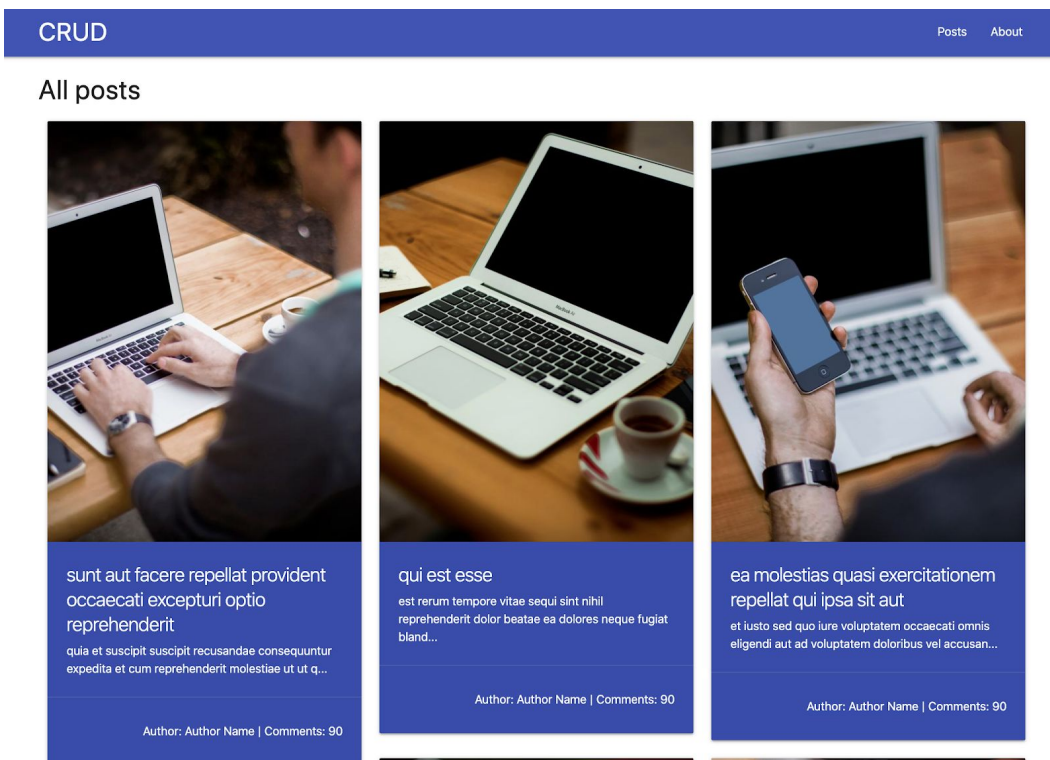
- As a user I should be able to see header with links to Posts and About page

Footer (public)



- As a user I should be able to see footer with copyright and link to **SignIn**

Posts (public & logged in)



- As a user I should be able to see the posts that are published
- As a user I should be able to see post picture, title, subtitle, author name and number of comments

Dashboard (logged in)

CRUD

DashboardMy posts

Dashboard

Tt

100

Total posts

123

Total comments

2

Users

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Logout

- As a user that is logged in, I should be able to see **Dashboard**
- As a user that is logged in, I should be able to see **Dashboard** and **MyPosts** in the header

My Posts (logged in)

CRUD

DashboardMy posts

All postsNEW POST

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

- As a user that is logged in, I should be able to see all my posts when I click **My Posts** tab
 - As a user that is logged in, I should be able to see title and be able to edit each post by clicking the edit icon
-

Create Post (logged in)

CRUD

DashboardMy posts

Update post

Title

sunt aut facere repellat provident occaecati excepturi optio repreh

Subtitle

sunt aut facere repellat provident occaecati excepturi optio repreh

Image URL

Private

☐

Public

Textarea

quia et suscipit
suscipit recusandae consequuntur expedita et cum
reprehenderit molestiae ut ut quas totam
nostrum rerum est autem sunt rem eveniet architecto

SAVE

DELETE

- As a user that is logged in, I should be able to create new post clicking on a **New Post** button on a **My Posts** page
- As a user that is logged in, before I can submit post all input fields must be filled and valid input
 - Title must be min 3 and max 30 characters long
 - Subtitles must be min 3 and max 50 characters long
 - Content must be min one sentence long

Update Post (logged in)

CRUD

DashboardMy posts

Update post

Title

qui est esse

Subtitle

qui est esse

Image URL

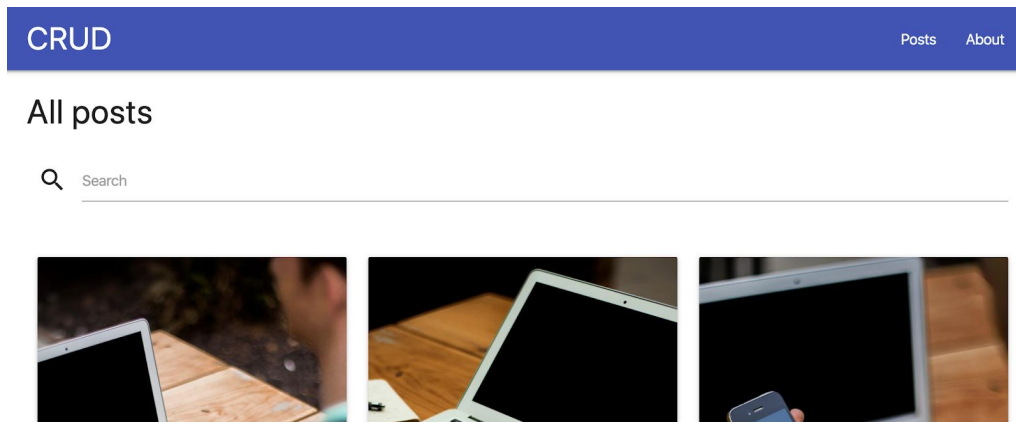
Textarea

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

SAVE

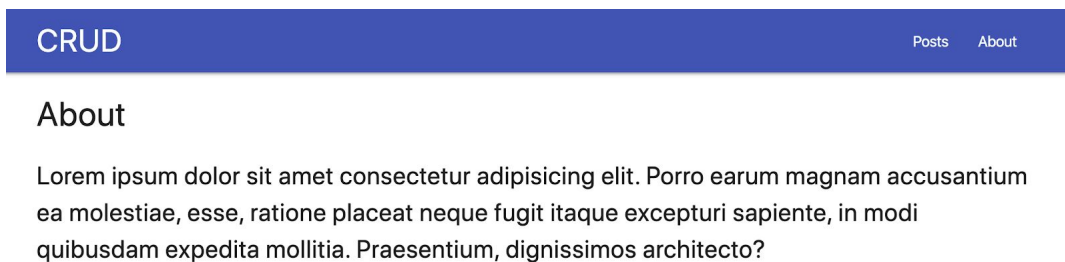
- As a user that is logged in, I should be able to create update existing post
- When editing post all input fields should be already prefilled with existing post data

Search posts (public)



- As a user I should be able to search all posts from the api

About page



- As a user I should be able to search all posts from the api

Delete your post



- As a user I should be able to delete post from Edit posts page when I click the DELETE button