Mentor-review React GitHub

Project: Adaptive Blog

You need to submit the project for review.

Congratulations on reaching the last part of Module 3! In this document, you will find a detailed description of your individual project. Please read it carefully.

Make sure you have completed all the lessons in modules 1, 2, and 3.
All of your home assignments in these modules should have been approved by mentors. This will help you complete the project better.

We don’t have a strict deadline, but we recommend completing the project in 2 weeks.

Task Description

Goal

Create a multi-page website application with blog posts.

Users should be able to:

- Read a post preview
- Proceed to a post page with the content and comments
- Mark any post or comment as “favorite”
- Write comments on existing posts
- Write new posts

Requirements

This website has a grid of cards. Each card is a short preview of a post.

> We already prepared the text and pictures for the first 20 posts. Make sure they are displayed on the website correctly.

The layout is responsive and adaptive: users can open it both on desktop and mobile. The number of cards in a row shrinks as the screen size decreases. On a mobile device, there is one card in each row.

Any text on the post preview cards should be cropped. Titles should be displayed in one line. Descriptions should be displayed in two lines.

> To crop the text, use the “-webkit-line-clamp” CSS property.

Users can mark a post as “favorite.” The counter of likes is updated, and the marked post appears on the “Favorites” page.

Users can leave comments to posts. The counter of comments is updated, and the new comment appears on the post page.

Users can create new posts on a separate page. When the post is created, it appears on the main page.

> It may be difficult for you to develop a component which adds a picture to a new post. That’s why we included the ready-made component named “PostImage” in the repository.

Instructions

Step 1: Explore the design on Figma

Open the design, and investigate its parts carefully: UI, desktop version, and mobile version. Analyze what approaches you may need to use to replicate the design and make the website adaptive.

Step 2: Explore the code setup

Download the code setup from Refocus' GitHub repository, and open the folder in VS Code. In the folder, execute the "npm install" command to install the required packages. Examine the files in the folders.

Step 3: Follow the "TODO" guidelines mentioned in the comments in the "App.jsx" file

Install React Router. Create routes and corresponding components for the following pages:

- Main page (posts and favorites lists, route: "/")
- Single post page (route: "/post/:id")
- New post form (route: "/post/create")

Fill components with content (JSX), styles, and logic.

Step 4: Publish your application on GitHub

Create a public repository on GitHub, and push all your application files to it.

Assessment Criteria

Criteria	Max. Points
Stack	
Stylesheets are used	2
The project is uploaded to a public GitHub repository	1
Design	
The layout is adaptive to desktop and mobile, both versions work correctly	2
The news cards look close to the Figma design, having all the required content	2
Post titles and descriptions are cropped	1
Structure	
The main page with post previews is fully developed	2
The post page is fully developed	2
The page to add a new post is fully developed	2
Functionality	
The "like" function is implemented	2
The "Add post" function is implemented	2
The "Add comment" function is implemented	2
Maximum Overall Grade	**20**

How to upload the project

Create a Word document, insert the link to your GitHub repository, and upload the file here.

refocus