



Workshop 05 React - Specification

Description

For this workshop, you will need to work on an image gallery by using React and its router. Use the starter files as a setup created for you!

Your task

1. **Cards Showcase** - The project should contain the following components:
 - Header
 - ImageList
 - Image
 - ImageDetail
 - Favorites
 - ErrorPage
- The **Header** Includes two links for the **homepage** route and the **favorites** route.
 - Fetch data from the specified [API](#).
 - Create the list with all the images and iterate them in the **ImageList** component.
 - Each **image** should be represented by the **Image** component.
 - Clicking on the image component should route to the **"/imageDetail/id" route**.
(Use **Link** as a wrapper for the image, or **useNavigate** hook.)
 - On the image detail route show the **ImageDetail** component.
 - Implement a clickable **heart** icon that **toggles** its **color** based on the **isFavorite** property.
 - Every image that is marked as "favorite" should be shown on the **favorites** route,
(that means that you will need to save every hearted image that you clicked on)
 - Show the list with the favorites images in the **Favorites** component, which you will show on the favorites route.
 - Build the application and set it up on **Netlify**.
 - Save the array of all images and favorite images to **localStorage** to persist data on refresh.

**Notes**

- Make sure you use **typescript** (.tsx files) and **types** for each of the functions, properties and wherever needed.
- If the time is limited, aim to complete the exercise on your own.

Good luck!