

Walkthrough with React

Part - 3

Assignment



React Image Gallery

In this mini project, you are required to create an image gallery using React. The gallery should fetch a set of images from given api, limit the results to 20 images, and display them in a user-friendly UI. Upon clicking on any photo, the user should be redirected to a single image view, where additional information, such as the title and description of the image, is shown.

Requirements:

- Create a new React application using `create-react-app` or any preferred React boilerplate.
- Implement a gallery component that displays the first 20 images fetched from the server. Each image should be displayed with a thumbnail and relevant details.
- Add functionality to handle user interaction. Clicking on any thumbnail in the gallery should redirect the user to a new page showing the single image in a larger view.
- On the single image page, display the enlarged image along with its title and description.
- Use React Router Dom to handle navigation between the gallery and single image view.
- Ensure error handling for cases where the server request fails or returns no images.

Api Documentation : [Link](#)





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Additional Notes:

- You are encouraged to use any external libraries or CSS frameworks if necessary. Popular libraries like axios for API requests
- Remember to structure your code appropriately into reusable components for maintainability.
- Provide clear and concise comments throughout your code to explain complex logic or functionality.

Submission:

Create a GitHub repository for your project and share the link with the assignment evaluator. Make sure to include clear instructions on how to run your application locally.

Good luck with your project! Happy coding!