Test

Peer Review:

Purpose of Peer Review:
The peer review was conducted to ensure code quality and follows the best practices.

Review Process:

- Once I finish a ticket, I create a merge request for the branch and assign my mentor at Cape or any other senior developer for the code review.
- Once the review is done by the senior developer, I receive some feedback.
- Then I refactor the code or apply the feedback from the code review.

Example review:

Stijn Toussaint @stijntoussaint1 started a thread on an old version of the diff 1 week ago — Hide thread

Resolved 3 days ago by Prakasa Kandasamy Pandian Sivanesa

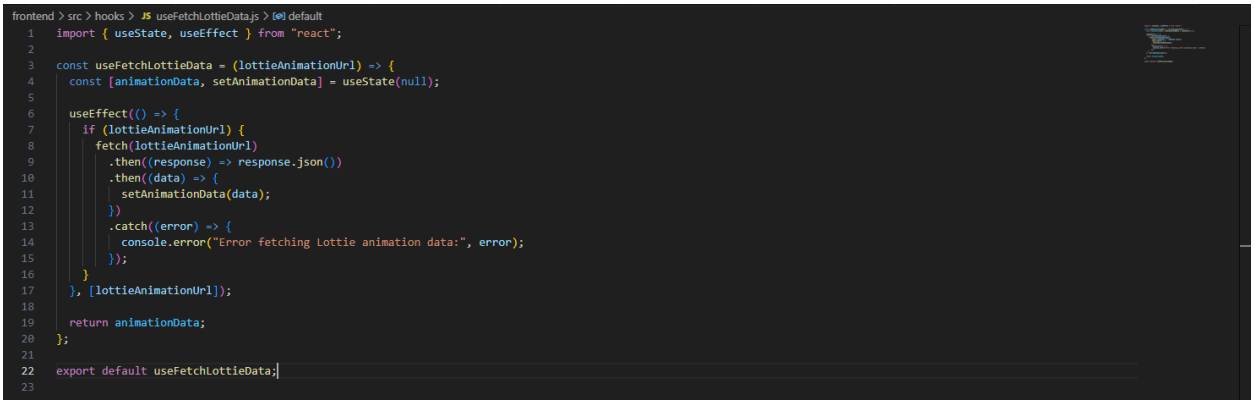
frontend/src/components/solutions/solution-progressive-animation-component/solution-progressive-animation-component.js 0 → 100644

```
+ import { ColorPickerValue } from "../solution-color-picker-value/solution-color-picker-value";
+
+ import styles from "./solution-progressive-animation-component.module.scss";
+
+ const SolutionProgressiveAnimation = ({ pageBlock, color }) => {
+   const lottieAnimation = pageBlock.fields.lottieAnimation.fields.file.url;
+   const featureCards = pageBlock.fields.addFeatureCard;
+   const { secondaryColor } = ColorPickerValue(color.rgb);
+   const windowSize = useWindowSize();
+   const [animationData, setAnimationData] = useState(null);
+   const [fillPercentages, setFillPercentages] = useState(
+     new Array(featureCards.length).fill(0)
+   );
+   const lottieContainerRef = useRef(null);
+
+   useEffect(() => {
```

Stijn Toussaint @stijntoussaint1 · 1 week ago — Developer

It would be nice to make this into a small custom hook useLottieAnimation. That has lottieAnimation as a parameter. And that holds the animationData and setAnimationData and this use effect. I think also the lottieObj can be in there and that the lottieObj is returned.

If you made that you can replace some of the cases where you use lottie.



User Testing

Purpose of User Testing:
User testing aims to check the usability of input fields, custom blocks, and the CMS setup to ensure they meet user needs.

Testing Methodology:

- I asked the user to test the new setup that I implemented in the CMS system.
- Provided specific tasks for users to test (e.g., creating a component, adding a component to a page).
- Collected data through observation and user feedback.

User Test feedback:

- The hierarchy for reference fields starts at zero and needs better organization.
- Important elements like icons and images should be at the top.
- In split layouts, the icon should come before the text.
- Use clearer names for components to make it easier to understand where they belong.
- Adding small pictures or previews of components would help in their selection and placement.
- Avoid repeating elements like titles to make the setup process smoother.
- Place background animations at the bottom since they are less important than the main content.
- Simplify complex blocks, such as combining double images into one image to reduce complexity.
- Order text fields and image fields logically for easier editing.
- The interface should be more user-friendly, minimizing the need to experiment to understand component placement.

- Ensure the most important information is immediately visible, with a clear and intuitive order of components.
- Keep a consistent layout design fot the content fields that follows common user interface rules, like reading from left to right and top to bottom.

Conclusion:

The peer review process effectively ensures code quality through structured feedback and iterative refinement. User testing revealed valuable insights for enhancing CMS usability, emphasizing clearer organization and intuitive component placement. Implementing these findings will likely improve user experience and overall system functionality. Regular peer reviews and user testing are crucial aspects for maintaining high standards of both code and usability in the development workflow.