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1.What else you would do with your website, and how you would go about doing it if you had more time.

With more time, I would add the following advanced features to the website:

* Navigation menu for easier access to different pages, using HTML and CSS with drop down menus, etc.
* Animations and transitions for a more visually appealing and engaging experience, such as sliding menus and fading effects.
* Interactive elements like forms, buttons to make the website more dynamic, using HTML, CSS, and JavaScript.

1. Alternative solutions that you could have taken but didn't and explain why.

In the exercise, S3 bucket was sufficient for a basic static website, but if more advanced services are needed, such as analytics, authentication, or dynamic content, then AWS Amplify would be a better choice. Amplify offers advanced services without the need to write extra code or manage more infrastructure, saving time and effort while allowing for focus on the website's core functionality. The choice between S3 and Amplify depends on website requirements and goals. S3 is a cost-effective solution for basic hosting needs, while Amplify offers a comprehensive and scalable solution for advanced features.

What additionally would be required to make this a production grade website that would be developed on by various development teams. The more detail, the better!To make the website production-grade, it requires:

* Git or similar version control system for code changes and collaboration among teams.
* Automated testing and deployment for stability and consistency.
* Agile/Scrum development process to manage progress and prioritize tasks.
* Monitoring and logging to track performance and identify issues.
* Scalable and secure infrastructure using services such AWS or GCP to handle traffic and protect data.