



CMS System research

Based on the pain points of the users and the requirements/limitations of the project, I chose five different CMS systems that would be suitable for this project. I listed out their pros, cons, and special features, and based on the project's requirements, I selected the suitable CMS system.

1. Strapi:

- **Pros:**

- **Open-source:** Strapi is a popular open-source headless CMS written in JavaScript.
- **Customizable:** Developers can modify the API, data structures, and even the admin panel.
- **Flexible Content Types:** Strapi offers extensive customization options for creating content types.
- **Seamless Integrations:** Integrates smoothly with React, Vue, Angular, mobile apps, and IoT using REST or GraphQL.

- **Cons:**

- **Learning Curve:** Initial setup and understanding may take some time.
- **Self-hosting:** Requires hosting and maintenance.

- **Special Features:**

- **Internationalization:** Supports multilingual websites with localized content.
- **Dynamic and Secure Content:** Robust authentication and permissions¹.

1. DatoCMS:

- **Pros:**
 - **User-Friendly Interface:** Easy for content editors to manage content.
 - **GraphQL API:** Provides a powerful and flexible API for querying data.
 - **Real-time Collaboration:** Multiple users can work on the same document simultaneously.
- **Cons:**
 - **Pricing:** Can be expensive for larger teams or high usage.
- **Special Features:**
 - **WYSIWYG Editor:** Non-technical users can edit website content².

2. Ghost:

- **Pros:**
 - **Focused on Blogging:** Ideal for content-heavy websites and blogs.
 - **Fast and Lightweight:** Designed for speed and performance.
 - **Markdown Support:** Allows writing content in Markdown format.
- **Cons:**
 - **Limited Customization:** Not as flexible as some other CMS options.
- **Special Features:**
 - **Built-in SEO Tools:** Helps optimize content for search engines.

3. Contentful:

- **Pros:**
 - **API-First Approach:** Contentful is a headless CMS with a strong API.
 - **Developer-Friendly:** Easy to integrate with Next.js.
 - **Rich Media Support:** Handles images, videos, and other media types well.

- **Cons:**
 - **Pricing:** Can become costly for large-scale projects.
- **Special Features:**
 - **Webhooks and Integrations:** Allows seamless connections with other services.

4. Storyblok:

- **Pros:**
 - **Visual Editor:** Offers a visual interface for content editing.
 - **Component-Based:** Content can be structured using components.
 - **Localization:** Supports multilingual content.
- **Cons:**
 - **Pricing:** Higher pricing tiers may be expensive.
- **Special Features:**
 - **Real-time Collaboration:** Multiple users can work together on content³.

Reference links:

<https://colorlib.com/wp/best-cms-for-nextjs/>

<https://josipmisko.com/best-cms-next-js>

<https://thebcms.com/blog/nextjs-websites-examples>

<https://thebcms.com/blog/nextjs-websites-examples>

<https://dev.to/momciloo/nextjs-examples-60-popular-websites-built-with-nextjs-and-headless-cms-co5>

<https://thebcms.com/blog/choosing-cms-for-nextjs>

Features of Contentful:

1. API-First Approach:

- **Contentful** follows an **API-first** approach, making it highly developer-friendly. Its robust API allows seamless integration with Next.js and other platforms. Developers can easily fetch content using GraphQL or REST APIs.

2. Rich Media Support:

- **Contentful** handles various media types effectively, including images, videos, and documents. This versatility is crucial for marketing websites that often feature multimedia content.

3. Developer Flexibility:

- Developers appreciate **Contentful's flexibility**. You can define custom content models, create relationships between entries, and structure data according to your project's needs.

4. Webhooks and Integrations:

- **Contentful** offers webhooks, allowing real-time updates when content changes. It seamlessly integrates with other services, making it suitable for dynamic marketing campaigns.

5. User-Friendly Interface:

- While **Contentful** caters to developers, it also provides a **user-friendly interface** for content editors. Non-technical users can easily manage content without relying solely on developers.

6. Localization Support:

- For global marketing efforts, **Contentful** excels in **multilingual content management**. You can create and manage content in multiple languages effortlessly.

7. Scalability and Performance:

- **Contentful** handles large-scale projects efficiently. Its cloud-based infrastructure ensures scalability and reliable performance.

Customizable Editor Interface

<https://www.contentful.com/resources/open-source-field-editors-live-demo-webinar/>

<https://www.youtube.com/watch?v=OtmV3TPTbRs>

Why contentful?

I recommend Contentful due to its robust features and flexibility. Firstly, it allows you to customize the editor's appearance and functionality to suit your specific needs, which is highly convenient. Additionally, you can create custom content types, enabling better organization of your content.

Contentful also supports multiple languages, making it easy to manage multilingual content. It integrates seamlessly with Next.js, streamlining the process of building websites and saving time.

Another valuable feature is its support for various media uploads, including Lottie files, which can enhance your content with engaging animations. Most importantly, Contentful is designed for ease of use, making it accessible even for those without technical expertise.