**Problem Statement**

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In today's fast-paced digital world, people struggle to stay updated with relevant news due to the overwhelming volume of information spread across multiple sources. Many news websites lack structured categorization, leading to information overload. Additionally, users often miss important headlines due to busy schedules and inconsistent news consumption habits. There is a need for a simplified, category-based news filtering system that provides essential updates efficiently while offering a convenient way to receive daily news summaries.

**How Prime Bulletin Solves Real-Life Problems**

Organized News Consumption

Instead of browsing multiple websites, users can access top headlines from six categories in one place, making news consumption more efficient.

Reducing Information Overload

By displaying only top headlines, Prime Bulletin filters out less relevant articles, preventing users from feeling overwhelmed by excessive information.

Time-Saving Convenience

The Home tab presents a concise summary of trending news across categories, helping users stay informed in minimal time.

Daily Email Summaries

The email subscription feature ensures that users receive a curated list of top headlines every morning, keeping them updated without actively checking the website.

User-Friendly Navigation

A clean and structured interface allows users to quickly find news in their preferred category without distractions.

**Project Overview**

Website name :- Prime Bulletin

**Overview**

Prime Bulletin is a dynamic news aggregation website that delivers the latest headlines across multiple categories using real-time data from NewsAPI.org. Built with React, it offers a seamless and intuitive user experience with categorized news sections for easy navigation.

**Key Features**

* Real-time News Fetching: Retrieves top headlines in JSON format from NewsAPI.org.
* Category-Based Navigation: Users can explore news across six categories:

1. General
2. Health
3. Entertainment
4. Science
5. Technology
6. Business

* Home Tab: Showcases 1-2 top headlines from each category, giving users a quick overview of the latest updates.
* Email Subscription: Users can subscribe to receive the Home tab’s top news directly in their inbox every morning.
* About Us Page: Introduces the project team and their contributions.

**Technology Stack**

* Frontend: React.js for dynamic UI rendering.
* API Integration: NewsAPI.org for fetching live news.
* Email Service: Subscription-based content delivery.

**Purpose & Impact**

Prime Bulletin aims to provide users with an organized, category-based news experience while keeping them informed through a daily email digest. The project enhances accessibility and engagement with current affairs in a structured format.

**How is Prime Bulletin different from other news aggregation platforms?**

To tackle this question in an intervie

w, focus on the unique features and differentiators of your project compared to existing platforms like Google News, Flipboard, or Feedly. Here’s how you can structure your response:

1. **Focused, Minimalist Approach**

Unlike large-scale news aggregators that bombard users with excessive content, Prime Bulletin prioritizes simplicity by showcasing only top headlines from each category. This ensures users quickly get the most important news without information overload.

1. **Curated Daily Email Summaries**

Most news platforms require users to manually check updates. Prime Bulletin automates this process by sending a daily digest of top headlines via email, making it convenient for busy individuals to stay informed.

1. **Structured Category-Based Navigation**

While other aggregators mix multiple categories in a cluttered feed, Prime Bulletin offers a clean, category-based layout. Users can quickly navigate to the topics they care about without distractions.

1. **Lightweight & Fast**

Many news platforms have complex interfaces and overwhelming ad placements, affecting performance. Prime Bulletin is designed to be lightweight and fast, ensuring a smooth user experience with minimal distractions.

1. **No Personalized Algorithmic Bias**

Unlike platforms that use AI-driven recommendation algorithms, which sometimes create filter bubbles (showing users only what they already agree with), Prime Bulletin displays unbiased, top news headlines from diverse sources without manipulation.

1. **Developer-Friendly & Transparent Backend**

Since this is a student-led project, the backend logic is transparent and can be modified for improvements. Unlike proprietary systems, it gives developers full control over how news is fetched and displayed.