

NewsCraft News

Product Overview: A web application that aims to develop a web application that mirrors the functionality and user experience of a news website. It will provide users with a seamless platform to access and interact with news articles, multimedia content, and live updates. Our goal is to offer an intuitive, feature-rich news platform that caters to diverse user needs and preferences.

Key Features:

1. **Homepage and Categorized Sections:** The app will offer a well-organized homepage with featured news articles and distinct sections for different categories such as world news, business, technology.
2. **News Articles and Multimedia:** Users will be able to read in-depth news articles accompanied by multimedia elements like images and videos, enhancing their understanding and engagement.
3. **Search and Filtering:** Users can search for specific news topics or utilize filters to navigate through the vast content repository efficiently.
4. **Commenting and Social Sharing:** Users can engage in discussions by commenting on articles, and easily share articles to their social media platforms.

Tech Stack:

1. **Spring Framework:** We'll use the Spring framework to handle the backend operations, manage user authentication, and support the MVC architecture.
4. **HTML, CSS, JavaScript:** These technologies will be used to create a responsive and visually appealing user interface, ensuring optimal user experience across devices.
5. **MySQL:** MySQL will serve as the database system to store user data, articles, comments, and other relevant information.
6. **RESTful API:** We'll implement a RESTful API to support interactions between the frontend and backend, ensuring smooth data exchange.