

Web Content Acquisition in Business News Aggregation

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Abstract: *In today's fast-moving digital world, people rely heavily on online news platforms to stay updated about current business trends and market changes. However, with a large number of news websites, it becomes difficult for users to find relevant and reliable business information quickly. To address this challenge, the proposed project titled "Web Content Acquisition in Business News Aggregation" aims to design and develop a Java-based web application that automatically collects, filters, and organizes business news from multiple online sources. The system uses web content acquisition techniques to gather business-related news articles and information from trusted websites. Users can personalize their experience by selecting preferred news categories such as finance, stock markets, startups, or international trade when they first register on the platform. The system applies content-based filtering methods to recommend relevant articles based on user interests. A built-in chatbot powered by Natural Language Processing (NLP) allows users to interact with the system easily and retrieve specific news. Additionally, sentiment analysis is used to identify the tone of news articles — whether positive, negative, or neutral — helping users better understand market sentiment. Overall, this project combines advanced techniques from machine learning and natural language processing to create an intelligent, user-friendly, and efficient business news aggregation platform. It not only saves time but also helps users access the most relevant and up-to-date business information for informed decision-making..*

Keywords: Web Content Acquisition, Business News Aggregation, NLP Chatbot, Sentiment Analysis, Content-Based Filtering, Java Web Application, etc

