

1. Introduction:

News Collect is an application in which User research the seed article and select that article from a specified URL, after selection of article 2000 characters of brief summary will create by using ChatGPT or another summarization tool. After that a short summary of 1000 words is created, again potentially with the help of ChatGPT. An editor proofreads the English version of the article. The article is translated into Korean and Japanese, possibly using a translation service like Deep Learning. An editor proofreads the translated versions of the article. An editor finds license-free images and videos to accompany the article. The found media is reviewed. The article is converted into audio format using a text-to-speech service like Google. An editor incorporates the article, media and audio into a video format. The final review of all content text, images, and audio is conducted. The content is published, including posting to YouTube as a normal video or as YouTube Shorts.

1.1. Purpose:

The primary purpose of News Collect application is to offer users a centralized solution for content creation that automates repetitive tasks, leverages advanced technologies for content enhancement, and facilitates multi-platform distribution. By simplifying and acceleration the content creation workflow, this app aims to enable users to focus more on creativity and storytelling while reducing the time and resources required for content production.

1.2. Problem Statement:

Traditional content creation processes are often fragmented, time consuming, and resource intensive, requiring users to navigate multiple tools and platforms to create and distribute content effectively. Additionally, language barriers and accessibility issues further complicate the content creation landscape to reach broader audiences and maximize engagement.

1.3. Solution:

News collect addresses these challenges by providing a platform that combines article summarization, translation, multimedia sourcing, audio conversion and video production capabilities into a single, user-friendly interface. By automating many aspects of the content creation process and offering seamless integration with popular content platforms like YouTube, New Collect empowers users to create captivating content efficiently and distribute it across multiple channels with ease.

1.4. Stakeholders:

Users: individuals or organizations engaged in content creation, including bloggers, journalists, marketers, and educators.

Developers: The team responsible for the design, development, and maintenance of the New Collect application.

Editors: Professionals tasked with reviewing and enhancing content for clarity, accuracy and relevance.

Translation Services: Providers of machine translation services utilized within the application to translate content into multiple languages.

Multimedia Providers: Sources of license free images, videos, and audio used to complement and enrich the content created within the platform.

1.5. System Scope:

The News Collected system encompasses a wide range of functionalities designed to support the entire content creation lifecycle, from idea generation to publication. Key features include article selection, summarization, translation, multimedia integration, audio conversion, video production, and content distribution. With its user centric design. News Collect aims to the diverse needs and preferences of content creators across various industries and domains.