feasibility report

Introduction:-

It is a tool that allows users to select their preferred news sources and topics, and then curates a selection of articles and updates tailored to their interests. Users can typically follow specific outlets, publications, journalists as well as broader topics such as sports, technology, or politics. The goal of personalized news aggregator is to provide users with a more efficient and relevant way to stay informed about the news they care about. Additionally, it also offers a features such as push notifications, alerts and personalized recommendations to help users to stay up-to-date with the latest news.

Project Scope:-

The project scope for a personalized news aggregator would include the following features:

1. User registration and login: Users would need to create an account in order to use the website and customize their news feed.
2. News source and topic selection: Users would be able to select the news sources and topics they want to follow, and the website would aggregate news articles from those sources and topics in the user’s personalized news feed.
3. Article sorting and filtering: It would be able to sort and filter the articles in their news feed by date, relevance, and other criteria.
4. Article sharing: Users would be able to share articles through other various platforms such as social media or email.
5. Preferences : It would be able to adjust various settings and preferences such as font size, night mode and many more.

Methodology and tools used for feasibility study:

For the feasibility study, Our premise is that rational demand for news aggregation in the digital era is driven by information processing costs. As the Internet and social media become important sources of information, hosting more data than what any individual can process in a lifetime, consumers must turn to infomediaries for content aggregation, customized based on their personal data such as demographic and psychographic attributes, digital footprints, and social network positions.1 In this paper, we abstract from the issue of data generation (e.g., original reporting), focusing instead on the role of infomediaries in aggregating source data into news that is easy to process and useful for the target audience.

Technical feasibility:-

For now, to develop a web application we have a team of individuals who are skilled in handling different technical aspects required for a web app.

Economic feasibility:-

According to a 2020 Pew Research Center survey, nearly two-thirds of US adults say that they get news from social media, surpassing television as the most popular news source. In 2019, according to the Reuters Institute for the study of Journalism , more than half of the global population(56%) get their news from various social media platforms. Personalized news aggregator also provides users with a more efficient way to stay informed, as they can be accessed from a single-website, rather than having to visit multiple sources individually.

Estimate costs:- The costs of operating the personalized news aggregator. This may include osts for hardware and software, labor, marketing and ongoing maintenance and support.

Operational feasibility:- The first module of this application is the web server. This

one is processing the HTTP requests received from customers.

To develop a web application, we need a so-called web

framework. There are many repetitive or difficult to implement

parts to build the logic behind a server so the web framework

provides users with all the necessary mechanisms, such as

mapping Uniform Resource Locators (URLs) to Python code

snippets. Thus, using a web framework is preferable because

the purpose of this paper is to develop a news aggregator rather

than a web server.

Challenges:-

This category is all about the next round of funding. None have a sustainable business model.

Conclusion:-

In conclusion a news aggregator platform is a crucial tool for any team looking to increase its productivity, cooperation and communication. It is a platform that allows users to customize their news feed by selecting their sources, topics and keywords.

This allows users to access news that is most relevant to them and their interests , rather than being presented with a broad range of news that may not be of interest to them.

Team Members

Rakshit Somkuwar(21bcs122)

Sankalp Chiprikar(21bcs027)