

X4 Project Proposal

Title: NewsHub

Problem: Everyday people get their information of world events from a variety of sources, and each source differs slightly and contains their own biases/impressions/feelings on said story. It's hard to decipher factual information from unreliable information. NewsHub would be an application that gathers information from a large database of reliable news sources and provide unbiased accounts of news events. Algorithms would be developed and used in order to help prevent biases from leaking into the information.

Primary Stakeholder: The primary user of an application like this would be anyone who is trying to get their news from an unbiased, central location in order to be better informed about the world around them.

Graphical User Interface: Primarily would be a phone application with a launch page containing relevant articles and new daily information generated by the programs and algorithms used on the back end. News would be gathered from a variety of sources both regional and national and would change based on the region that the user is in. These sketches would provide a rough idea of how it would work.

Today's News:

Information and Articles go here from today

News Tailored to Your Interests

Users Reading Lists

Contains relevant articles, previously read articles, saved articles, etc.

Article Title:

Information Collected from variety of sources.

Data:

This application would require a lot of back end information, databases, scripts to gather information from the web, and deals with companies in order to gather information from a variety of databases of news sources. I would use a bunch of abstract data types to store this information, such as B-Trees which we have discussed in class that are good for database types of information. This would also involve tools like SQL which is good for database and information management types of things.