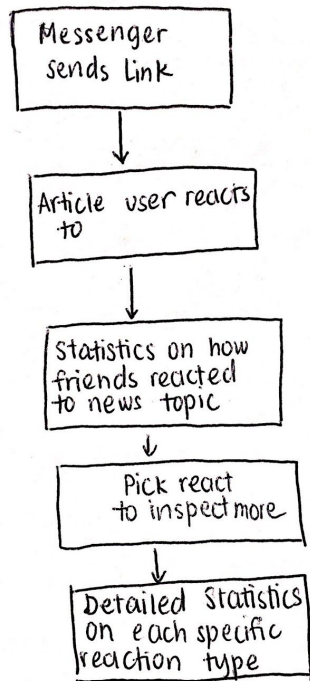


P5: Working Prototype Writeup Portion

- Reflection from Conceptual Use Study, including data collected from the study (1-2 pages)
 - From the data we gathered from the Conceptual Use Study studio, we made the decision to implement the article reaction user flow of our low-fi prototype: from being able to react to sentences or phrases in a news article to seeing the analytics/stats of friends that have read articles on the same topics.
 - Firstly, a lot of the data we gathered from our classmates showed that users were generally more invested in the product when the people they were interacting with to discuss various reactions to news topics were their friends, instead of strangers. As a result, we decided to implement this idea in our demo of the prototype today - where users will enter the article reaction interface upon (a chatbot) sharing the link with a group chat's members. One of the ideas that motivated was for our chatbot to be an add-on feature to a group chat, much like a Facebook game like Endless Lake or Words with Friends so our solution to bursting echo chambers in social media could be easily integrated into existing social networking platforms.
 - Many users also pointed out to us how they really liked the statistics and insight aspect of our chatbot prototype. They overwhelmingly expressed the sentiment that users would be motivated to use the product when they saw their friends reacting to it. With this insight, we made sure to focus on getting the statistics pop-up after the members of the group chat "News With Friends" working. We also allowed members to easily click into the reaction statistics to see which of their friends reacted to a certain part of an article, which allows for easy conversation starters on the current news topic. Our idea is that these statistics on user reactions will pique curiosity

among friends to understand a news topic from the perspectives of their friends.

- During the conceptual use study, some of our classmates also brought up the important point that members of the group chat might be pre-biased if they can see the reactions of their friends to news articles before even reading them. Therefore, we thought it was essential to only allow users to view the statistics screen of our app after everyone in the group chat had finished reading the article, to avoid any user feeling pressured to identify with the majority of the group. If a group of mostly left-leaning and a few conservative friends used our product in a group chat, the minority of right-leaning friends might be too afraid to voice a different opinion.
- Design concept statement describing the idea of your prototype (1 paragraph)
 - Our concept for solving the problem of bursting echo chambers in social media was motivated by our group's desire to create a platform that would create genuine discussion of news topics from different political viewpoints while still making the user experience fun and easy to integrate into users' daily schedules. Our prototype idea is called "Words with Friends" and is essentially a chatbot that can be integrated as an extension in a Facebook Messenger chat, where members of the group chat will each read a news article and highlight certain sentences that they feel strongly about and also add a reaction (Facebook angry, sad, wow, etc react). In our current prototype, we also color coded the reactions to make the experience of reading an article more stimulating to those more visually inclined. After all the members of a group chat integrating our feature in Messenger has read the article, users can now see the statistics (includes the reactions and respective numbers of people who reacted a way) of the app.
- State diagram of the core user task, with the parts implemented in working code highlighted



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- Demo of working prototype in class
- Link to a video showing your prototype in action, following the storyboard
 - <https://vimeo.com/241925712/>
- Link to a GitHub repo with your code. If the repo is private, invite your GSI to the repo
 - <https://github.com/mehdikazi/NewsWithFriends>