

## Team C - Test Report

Our team performed seven usability tests for our new Student News Application - *Knowledge Share*. These tests were executed to observe how users interacted with the app and to solicit feedback on how the app can be improved.

The usability test encompassed both functional and aesthetic qualities of our app. We performed the following tests and obtained the following results:

### 1. Reactions to the Homepage

We asked our test subjects to open up our app and tell us of their general impressions of the homepage. While four participants liked the simplicity of the homepage, the other three expressed the following concerns: too much activity on the page, unnecessarily huge fonts, cards do not look clickable, and lack of a brief summary/preview of the news items on each card.

### 2. General Tasks

#### a. Search function

All our test subjects offered positive feedback on our app's search functionality. They were happy about the different search criteria that were available such as searching through the title, content, or sender. A suggestion was made to have an advanced search option, where specific criteria such as *title only*, could be selected for searches.

#### b. Filtering function

All our test subjects were happy about the presence of a filtering function. However, they all expressed concerns about the counter intuitiveness of the filter in/out options. Currently, our app filters out checked items and filters in unchecked items. Our test subjects however preferred checking the boxes to include specific categories in their newsfeed (filter in) rather than the opposite (filter out).

There were also two suggestions on how to make our filter better:

- Allowing users to create their own filters
- Using a basic android swipe for filtering, instead of our current system – where users have to go to settings → categories to filter.

### 3. Other comments/ observations

- a. Make the cards look like cards (clickable) – maybe by putting lines in between them.
- b. Color code news categories. *We explained to the test subject that this feature would be redundant since the news articles are already organized into categories.*
- c. Increase the spacing between the edge of the screen and the numbers on the screen to make the user interface more aesthetically pleasing.
- d. Include a bookmark feature to enable users save news items to view later.
- e. Have a notification system to notify users of things they care about.
- f. Have the option to create a separate list for flagged items.

### 4. Rating

We asked our tests subjects to rate our app as it currently looks, on a scale of 1 - 10. Our average rating was 7/10. A number of our tests subjects said our app looks great so far, and they would consider using it, especially if we make a few updates/ changes to it.