

1) News in Chunks - By EJ Kim and Jonathan Wang



2) Reading the news on mobile can be a clunky, awkward experience. News in Chunks is a smooth and streamlined solution for all your news-reading needs!

Browse through news blurbs broken into “chunks” and add them to your news feed, then seamlessly scroll through full articles in your news feed. When you’re all done, tap to mark them all as read or save them in your collection of articles! No more hunting for articles by sections or switching tabs - with News in Chunks, mobile news has never been so smooth.

Instructions: There are three ViewControllers: All Articles, My News Feed, and Settings. In All Articles, view articles of your chosen section. Tap on the hearts of each article to add them to My News Feed, where you can read them one by one. In the Settings tab, select your section. In All Articles and My News Feed, pull to refresh for new articles!

3) There are three ViewControllers controlled by NavigationControllers. News articles are pulled from NewsAPI, where they are pulled in JSON format and deserialized to be put into Article objects. Articles are controlled through structs, which have static arrays that can be accessed from any ViewController. The images are also scraped from the API, where they are downloaded through a function implemented in the ViewController. The FetchArticles() function is the bulk of the scraping in the app, and can be found in the ArticlesTableViewController.

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if he had to choose between the two, he would choose the Razr



All Articles



My News Feed

Categories

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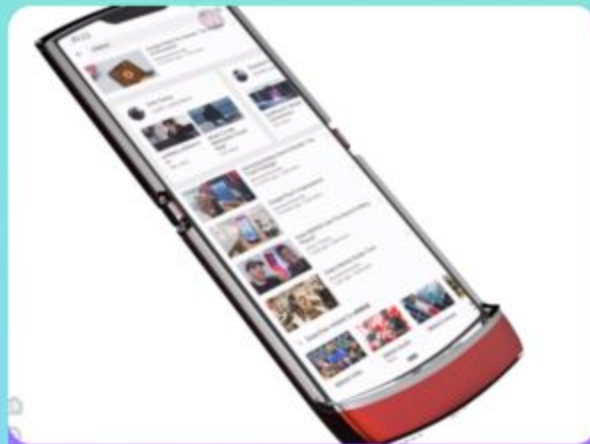


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All Articles



My News Feed

Categories



5) Roles: EJ designed the entire UI of the app, and the logic behind passing the images in between ViewControllers. The UI includes the Article cells, the heart icon, and the sections in the Categories ViewController. Jonathan implemented the logic involved in scraping the data from NewsAPI and displaying it to the cells, designing the data structures that held and tracked information about each article, and the logic for selecting sections.

6) Features that we did not manage to implement this cycle was the friends feature and displaying the full text for the articles. Unfortunately, the paid plan that allows users to read the full text costs \$450, so we could not afford the full price. If we were to take this app to production, we would definitely pay for the plan so we could service our users better.