

Assignment

Create a simple iOS app with unit tests

1. Register and get api key to use url under <https://newsapi.org/s/techcrunch-api>
2. First page will show search bar and under that cards view (like we have in itunes or iOs App store, or like .gif attached)
 - a. Each card will have background image from “urlToImage” param inside that api and author and title text labels on top of that card. At a time may be one or 2 cards are shown but scrolling left and right will start showing other cards. Background images gets loaded in lazy manner and once downloaded, loads in memory for the view if view is visible. <https://newsapi.org/v2/top-headlines?sources=techcrunch&apiKey=>
 - b. To make it simpler, you can just load 10 results
 - c. This first page will also have a search bar on top, which does %like% search on title, description or content on this list of 10 results, and shows filtered cards, as the user is typing in search bar.
3. Clicking on a card on the first page takes you to second page to display all the details of that card. And clicking on “url” param inside that detail page does the 4th step
4. Clicking on url, loads it in one reusable wkwebview on another page for all use-cases.

NOTE : please feel free to implement the list any way you feel like. Its open and subject to interpretation.

PLEASE REFRAIN FROM USING SOLUTIONS AS-IS FROM ONLINE REPOSITORIES OR CODE BASES.

```
{
  status: "ok",
  totalResults: 10,
  - articles: [
    - {
      - source: {
        id: "techcrunch",
        name: "TechCrunch"
      },
      author: "Jon Russell",
      title: "Google report: Southeast Asia's digital economy to triple to $240 billion by 2025",
      description: "It may sit in the shade of China and India, but tech has real growth potential in Southeast Asia. Home to a cumulative 650 million people, the region's digital economy is forecast to triple in size and reach $240 billion over the next seven years, according t...",
      url: https://techcrunch.com/2018/11/18/google-report-southeast-asias-digital-economy-to-triple-to-240-billion-by-2025/,
      urlToImage: https://techcrunch.com/wp-content/uploads/2018/11/southeast-map-1.jpg?w=750,
      publishedAt: "2018-11-19T04:00:47Z",
      content: "It may sit in the shade of China and India, but tech has real growth potential in Southeast Asia. Home to a cumulative 650 million people, the region's digital economy is forecast to triple in size and reach $240 billion over the next seven years, according t... [+3496 chars]"
    },
    - {
      - source: {
        id: "techcrunch",
        name: "TechCrunch"
      },
    },
  ],
}
```

