

NY Times Most Popular Articles

Description

Build a simple mobile app that calls the NY Times Most Popular Articles API and shows a list of the most popular articles. When an item on the list is tapped, the app should show a detailed view of the article (a typical master/detail app). You should use **React Native** for your implementation.

We'll be using the most viewed section of this API. You will need to sign up for an API key at: <https://developer.nytimes.com/get-started>, then replace **<sample-key>** below with the API key assigned to your account.

The URL structure is as follows:

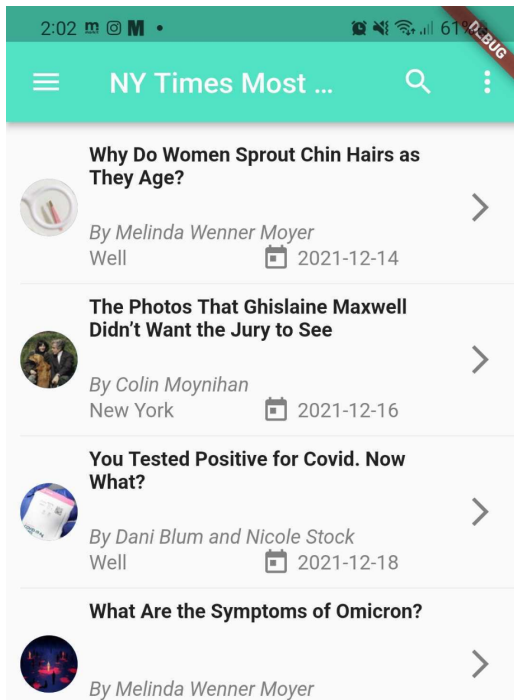
<http://api.nytimes.com/svc/mostpopular/v2/mostviewed/{section}/{period}.json?apikey=<sample-key>>

To test this API, you can use **all-sections** for the section path component in the URL above, and **7** for period (available period values are 1, 7, and 30 (days) which represents how far back the API returns results for):

<http://api.nytimes.com/svc/mostpopular/v2/mostviewed/all-sections/7.json?apikey=<sample-key>>

Expected Layout

Articles list:



Article Details:



Developed code should be pushed to GitHub with a **README.md** explaining how to build and run the code. **WebViews are not allowed in this exercise.**

Required:

- Object oriented programming approach.
- Solid UI approach e.g. MVC, MVVM, MVP, etc. Please specify the pattern used and the reasoning in **README.md**.
- Code should be generic and simple, and should follow good coding practices.
- Documentation: **README.md** file that explains how to run the code and the tests (if any).

Bonus:

- Unit tests using Jest, Maestro, or any other framework of your choice.
- End-to-end UI tests using Detox, Appium, or any other framework of your choice.

Project Delivery

Create a **GitHub repository** and commit your code to it. Once completed, share the repository link with us through email. Please be ready to discuss your key decisions, assumptions, and rationale for your implementation on a call to be scheduled.