

# Technology Assessment - Mobile

## Exercise 1

- Low Level Design
- Software Development Practices
- Hands-on Programming

## NY Times Most Popular Articles

### Description

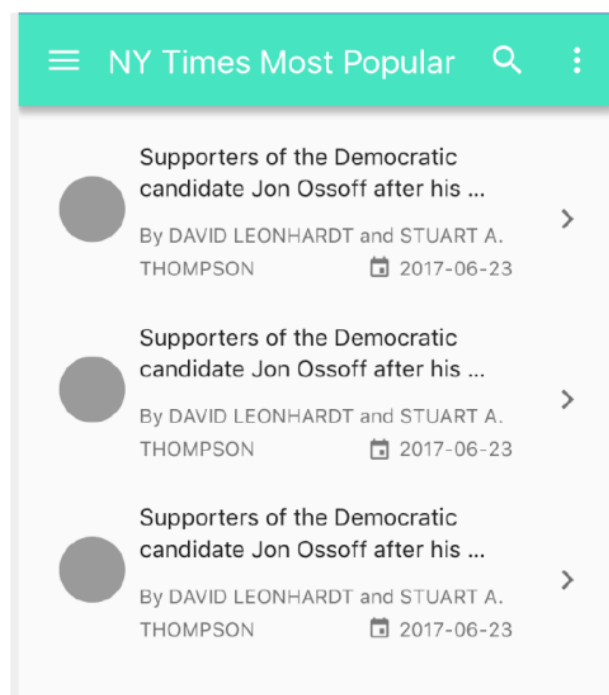
Build a simple app to hit the NY Times Most Popular Articles API and show a list of articles, that shows details when items on the list are tapped (a typical master/detail app). Obtain an API key from the NY Times by following the link <https://developer.nytimes.com/get-started>.

We'll be using the most viewed section of this API.

`http://api.nytimes.com/svc/mostpopular/v2/viewed/{period}.json?apikey=sample-key`

To test this API, you can use 7 for period (available period values are 1, 7 and 30, which represents how far back, in days, the API returns results for).

`http://api.nytimes.com/svc/mostpopular/v2/viewed/7.json?apikey=sample-key`



Developed code should be pushed to GitHub with a clear ReadMe.md explaining how to build and run the code. What we care about:

- object oriented programming approach
- Good UI approach e.g. MVC, MVVM, etc.
- unit test and code coverage
- code to be generic and simple
- leverage today's best coding practices
- clear README.md that explains how the code and the test can be run and how the coverage reports can be generated

Create a GitHub repository, ensure the name is generic and doesn't have any company names. Commit your code to the GitHub repository and share the link with us. Only share a link, do not send the actual code files

### Follow up Discussion

After completing the exercise, we will schedule a follow up discussion with you for 30 minutes to discuss your key decisions, assumptions and rationale for your implementation.