

Coding Test

Scenario

Sky has recently decided to move into the local cat news industry. To enable this, we need to build a prototype app to demonstrate to stakeholders. The basic premise of the app is to allow users to look at stories of cute cats nearby. 😺

A proposed wireframe of the UI has been designed and is attached.

The backend team are also hard at work developing an API. They have proposed an API contract for the mobile application, and we have uploaded sample response JSON.

```
GET /news-list gets a complete list of all items to make up the news list screen
```

```
GET /story/<id> gets a JSON response to make up the story detail screen
```

Your Tasks

Review the designs

As a professional app developer, you are a specialist when it comes to mobile development and design. So, looking at the provided wireframes, are there any aspects you would like to change or modify? If so, why?

It's not a problem if you choose to redesign the UI entirely or leave the design as it is.

Build the prototype

Now for the fun part: build the prototype of the app.

As the backend isn't developed yet, you need to build the prototype in a way that allows you to mock out the feed, and then replace it with the real feed later. The prototype should consist of the list screen, which will then take you to either a weblink or story detail screen. For any image assets, feel free to use a static placeholder – like the feed, it should be written in a way that makes it simple to replace with real data later.

For the list screen, the JSON response provides a polymorphic array containing three types: `story`, `weblink` and `advert`. Right now, the designs don't include any adverts, so the prototype should only display stories and weblinks.

What we expect from you

Timeframe

Take as long as you need to return your solution, we understand people may not have a lot of time on their hands to spend doing coding tests. But please don't spend too long actually working on this test.

The submission should build and run

We expect that the project should just work. If there are any additional steps required to build the app and/or run the tests, please document them in a readme file.

Play to your strengths

If you prefer going for a very polished UI with all the bells and whistles feel free to go down that route, and detail it in the readme so we know to pay more attention to that aspect of the submission.

Conversely, if UI isn't your strongest point, but you prefer going for a very stable, clean architecture, do exactly that. Just remember to mention it in the readme.

How to return it

Please use a Git repository and upload it to GitHub, Bitbucket, or any other hosting platform. If you don't want it to be public, please let us know and we can provide our GitHub user details to be added to a private project, or you can choose to zip the project and send it to us.