# Android Test

Implement a simple photo gallery application which displays photo feed from [500px](https://500px.com/). The app should fetch paginated photo feed in JSON format with the following REST API call:

[https://api.500px.com/v1/photos?feature=popular&consumer\_key=wB4ozJxTijCwNuggJvPGtBGCRqaZVcF6jsrzUadF](https://api.500px.com/v1/photos?feature=popular&consumer_key=wB4ozJxTijCwNuggJvPGtBGCRqaZVcF6jsrzUadF&page=2)

Following pages can be retrieved by appending ‘page=N’ parameter:

<https://api.500px.com/v1/photos?feature=popular&consumer_key=wB4ozJxTijCwNuggJvPGtBGCRqaZVcF6jsrzUadF&page=2>

The app should contain two screens:

Grid view

* displays the 2-column grid in portrait mode with photos
* when a user taps on a grid cell open up the Photo View
* (optional) support landscape mode and tablets by adjusting the number of grid columns

Photo view

* displays a fullscreen photo
* shows photo name, author name and camera model as an overlay
* allows sharing a photo URL via a floating action button
* (optional) swipe left/right to switch to the next/previous photo
* (optional) support zooming and panning

Optional requirements are not mandatory, but would be considered as a big advantage.

Animated screen transitions would be a plus, but not required

No redundant REST API calls should be triggered by the app.

3rd party libraries are allowed and encouraged.