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ReactNative code assigment

Position: ReactNative developer

Introduction

Project summary

This document describes functionality of a test project as code assignment for position of ReactNative Developer

Special note:

You have free hands in using any frameworks and tools to make the project working, **but using TypeScript is highly recommended.**

If you won't be able to finish some part of the feature, it's fine, you can always add some comments in which way you have planned to go with implementation of it. If something is not clear, don't hesitate to ask.

We wish you good luck!

Instructions

Project goal

Result of your work should be a working application for the latest Android, iOS or web. In case you choose Web you can also choose React.js instead of ReactNative. Write your choice of platform and framework into the project readme. Preferred solution is ReactNative mobile application.

Create an application for browsing a list of movies and display the detail page of a selected movie.

The application should provide two pages, Home page and Detail page.

Data Source

- Use this file as a data source for the application.
- This JSON file should not be directly imported into views or c
- omponents, create some sort of utility for it which is going to show how you would work with real API.

Home Page

Home page of your application should display a list of carousels (rows of thumbnails you can scroll in) listed in the JSON file.

Each carousel should display:

- A title of the carousel
- Thumbnail image for each asset in the carousel
- A title of the asset under its thumbnail

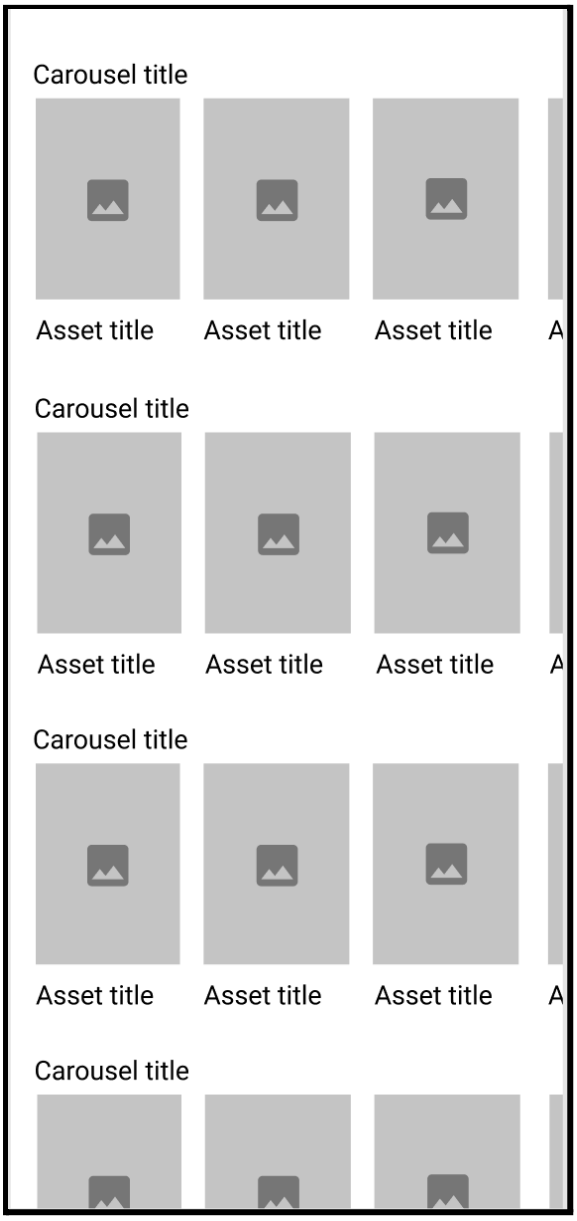
After selecting one of the assets in one of the carousels, the application should navigate to the asset detail page.

Detail page

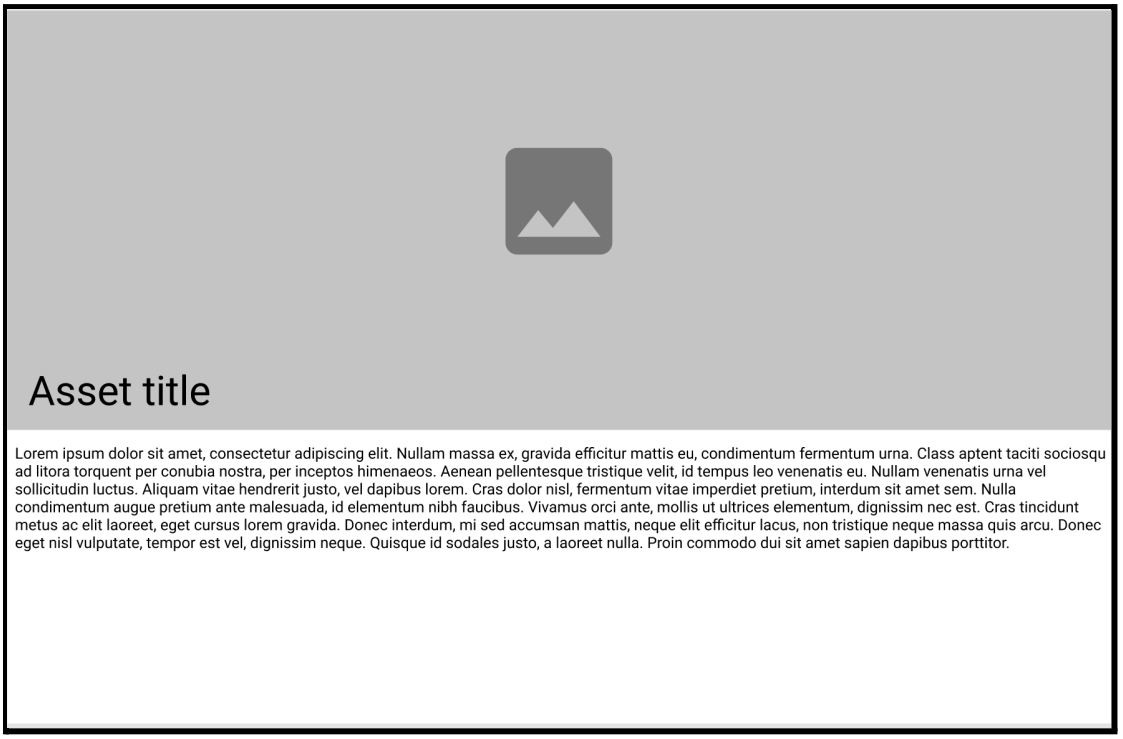
Should show detailed information about the asset that doesn't fit into the carousel.

- description of the asset
- Bigger image of the asset
- whatever else you find as relevant and want to show.

Mobile screen layout example:



Web screen layout example:



Hints

● Try to divide your code as if you were expecting the application to grow and need to add additional features in the future.

● Write your code as production grade, same for readme, branching and commit messages.

● If you know about a good library that would help you with this assignment feel free to use it.

● If you don't have time to do part of the assignment, but have a clear idea how you would do it, put it in the comments.

●(Web only) if you make a responsive web that will scale both on mobile and desktop, that is going to be a big plus.

Results

The result of your work should be a working application in iOS, Android or web. We strongly recommend that you create a private Git repository for your project, and share the repository URL with us.

This repository should include:

- Runnable source code
- readme with instructions on how to run the application.
- screenshots of the home page and detail page.

Your source code will be evaluated with a possibility of personal discussion with the development team.