TestfulApp

The task is to implement a simple iPhone app, consisting of two app screens and a launch screen. The task is rather small, so please try to make it as good as you can as if you were working on a real app (but do not over-engineer it!).

All the required designs, image or data resources can be found in the **Resources** directory. Please note that in order to view the designs you will need to have Sketch.

Project info:

Name: TestfulApp
Min OS version: 10.0
Target device: iPhone
Supported orientations: Portrait

Requirements

1.   Launch screen

The launch screen consists of the orange app logo on a white background.

2.   Loading screen

This screen appears right after the launch screen and contains an animated progress indicator. This progress indicator smoothly loops through the loader(X).png images with a cross dissolve animation. Duration of each such transition should be 0.1s, but should be easily adjustable.

After showing the loader screen for 2.0s, the app must automatically go to the next screen with the following transition animation:

a.   Current view controller scales up to 120%, becoming transparent.
b.   At the same time the new view controller appears from behind the current view controller, initially scaled to 70% and grows back to 100%, remaining fully opaque.
c.   The animation duration is 0.3s.

3.   Chats list

This screen contains a scrolling list of chats. Each cell has:

• The user's avatar (loaded asynchronously from the web);
• User's name;
• Date of the latest message;
• Message body;
• Number of unread messages.

While the avatar is being loaded, the app must show a solid background color #C8C8C8 in the circle. Cells must adjust their size to fit the entire contents.

Data to show must be taken from the provided **data.plist** file, but the app must be engineered in such a way, that it should be possible to replace the static data source with a web service without changing the UI layer (no need to write the WS-related code though).

4.   Additional requirements:

The apps must be prepared for localization.