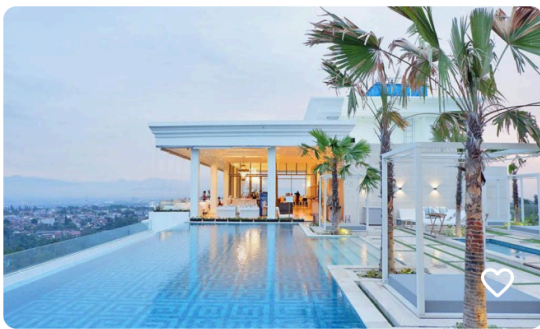


iOS Development assignment

Challenge

To make an app that shows some of our deals that can be added to a list of favorites.

We want a multi-tab iOS application. The first tab will display a list of deals that can be retrieved from the deal list api endpoint stated below. For the deal card you can use the following design:



Overnachting voor 2 + ontbijt

Fletcher Hotels
Amsterdam

Verkocht: 1.093

€38,50 **€17,50**

When a user taps on one of the deals, the app will navigate to the deal detail screen. The deal detail screen will show the same data as in the deal list + a description. The data for the deal detail screen can be retrieved from the deal detail api endpoint stated below.

When a user taps on the favorite button, the deal should be added (or removed) from a list of favorites.

The second tab will display the list of favorite deals. When a user taps on one of the deals here, the same detail page as described in the first tab should be shown. When a user taps on the favorite button here, the deal should be removed from the favorites list.

The third tab will be a settings tab where the user can switch the currency between Euros and Dollars.

Please keep structure, readability and efficiency in mind while making the app.

API endpoints

| | |
|--------------------|---|
| Deal list | https://media.socialdeal.nl/demo/deals.json |
| Deal detail | https://media.socialdeal.nl/demo/details.json?id=unique |

- Note that both api endpoints return a static JSON file. This means that the response won't change depending on the provided id.
- The images need to be prefixed with <https://images.socialdeal.nl>

Rules

- The UI has to be built using UIKit. Creating the views in code or with storyboards is up to you.
- The usage of third-party libraries is permitted when well substantiated, why you are using this.
- Use asynchronous web requests to retrieve the JSON files.
- Use Git and send us the link to the repository (or invite in case of a private repository).
- Please keep track of how much time you spend on the assignment and send that together with the git link to us.
 - How much time you want to spend on the assignment is up to you.
 - If you can't get everything done, please focus on what you think is important and document how you would implement the other requirements.