

BR—DGE

Show Searcher

We tasked a junior developer to come up with a simple show searching app, and they've made a bit of a mess of it. You can see the brief they were given below. Please try to fix as many things as you can in 1 hour, making the app as functional as possible. Also, please provide a changelog of issues identified, and which ones you've fixed.

Original Brief

We would like you to create a simple iOS application that allows the user to search for TV Shows by name.

Functionality

- The user searches for a show by name
- A network request is made to the following API
 - <https://www.tvmaze.com/api#show-single-search>
- The response is decoded and displayed on screen as per the UI requirements.

Note: If the user searches for the same TV show multiple times, a cached version should be displayed.

User Interface

If a show has been found for the user's search term, then the app should clearly display the following details about the show.

- An image for the show
- The name of the show
- The number of days since the show premiered

The particulars of how this is to be displayed can be found in 'desired ui.png'

Note: If no TV show is found, please inform the user appropriately.

Other Considerations

- Xcode 13
- 100% Swift
- No third party libraries
- Include unit tests