



STOCKSapp

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1. Installation

If you prefer to Clone this project, it's on my personal GitHub (<https://github.com/Rodrigompacheco/Stocks>). If you prefer to run through the downloaded folder, there's no mystery, just open the Stocks.xcodeproj file and run the project.

2. Techs

As the idea of the challenge is to show the capabilities both as a developer and new technologies, I chose to develop a hybrid UI, that is, I made the first and second screens using view code with UIKit and the last screen (*where is the Stock's graph*), I developed using the new Apple's framework, SwiftUI.

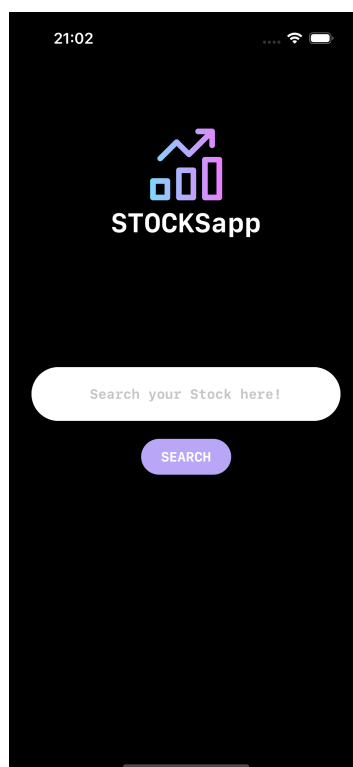
3. Architecture

This app is using MVP with Coordinators.

5. Flows

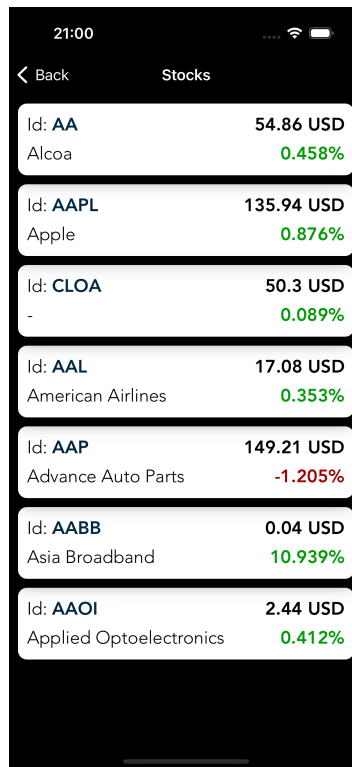
5.1 SEARCH A STOCK

You can search the Stock by using the cod (like AAPL) or the Company name (like Apple).



5.2 STOCKS LIST

List of all assets returned from the user's search. On the screen you can view the asset code, company name, the current value of the asset and whether it is falling or rising on the current day, being distinguished by the color red and green respectively.



21:00	
Back Stocks	
Id: AA	54.86 USD
Alcoa	0.458%
Id: AAPL	135.94 USD
Apple	0.876%
Id: CLOA	50.3 USD
-	0.089%
Id: AAL	17.08 USD
American Airlines	0.353%
Id: AAP	149.21 USD
Advance Auto Parts	-1.205%
Id: AABB	0.04 USD
Asia Broadband	10.939%
Id: AAOI	2.44 USD
Applied Optoelectronics	0.412%

5.2 STOCKS DETAILS (GRAPH)

Here you can see the graph of the selected Stock. You have the option to choose the time range between 1 day, 1 week, 1 month, 3 months, 1 year, the current year to date and the full history of that Stock.

You can also put your finger on the chart to find out which date and asset price corresponds to that point on the chart.. (Right image below.)

