***StoCand*** web application

documentation

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# About

“StoCand” is a web application, allowing users to search company stock data by simply searching for company and selecting date period, for which stock data will be displayed. Web application uses free APIs to get required data, and displays the data to the user on-screen.

# web app views

Web APP has 3 main views: homepage, company listing (search results) and company stock data.

## Homepage

In homepage, search bar can be seen. In the search bar, desired company symbol is entered (e.g. AAPL). On „Enter“ key click, next view is presented (Search results).Graphical user interface, text, application

Description automatically generated  
For searh, a 35 character cap is set, so that the longest search input can be 35 characters. In addition, a validation of search input is implemented, which checks, if the search keyword only contains letters and spaces. If the falidation is not met after pressing „Enter“ key, user is informad with an error message. Graphical user interface, application

Description automatically generated  
Searchbar is displayed in any view, so that user can start a new search at any time.

## Displayed companies

Graphical user interface, text, application

Description automatically generatedWhen user enters search word, found results, which are companies, are presented (duplicate is created and displayed, to show listing capabilities, since the external companies API can only return one company object). The following data about companies, in their cards, can be seen:

* Company name – full company name
* Country – country where the company originates
* Currency – currency, which is default company currency.
* Visit company webpage – a hyperlink, which redirects to main company webpage

When user clicks on the desired company card, next view is displayed (Stock data).

Graphical user interface, text, application, website

Description automatically generatedIf no results found by external API, a message displaying “No results found” is displayed.

## Stock data

Graphical user interface

Description automatically generatedChart

Description automatically generated with medium confidenceUpon clicking on the selected company card, graph, containing stock data for the default date range (last 30 days) is presented.   
User can change the date inputs (start and end date), to see different stock range (below example of last 3 months).