

NasaNews

iOS interview task

Description

"NasaNews" is an iPhone and iPad application, which provides the latest news from NASA in a formatted list. These news items are loaded by small batches and are shown to the user.

Stage 1

News List screen

Screen shows a list of articles.

Each list row shows article:

- title (not truncated, multiple lines),
- date (one line),
- disclosure indicator.

When the view loads, the article list is fetched from the server and displayed in the list.

Article screen

When the user selects a specific article from the News List screen, a second screen is shown, where the article

- Title property is displayed at the top of the screen,
- body is displayed by the whole screen.

Resources

News provider API:

- https://mars.nasa.gov/api/v1/news_items/?page=0&per_page=10&order=publish_date+desc.created_at+desc

(To see JSON in pretty text: <https://codebeautify.org/jsonviewer>)

- Necessary properties from the API for each article:
 - title
 - date
 - body

Stage 2

This stage requires Stage 1 to be completed.

News List screen

Add a button to the screen. When the user taps the button, the next batch of articles are fetched from the server and appended to the end of the list.

Each batch of articles must contain 10 articles in it.

Article screen

Body data, which is displayed by the whole screen, is formatted as an HTML.

Stage 2 screenshots

