Ionic Angular News App

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https://github.com/Peri2312/news_app_angular

Abstract:

Displays news items from a news API using the Ionic 5 framework.

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Outline:

- Description
- Technologies
- Setup
- Features
- Navigation/Pages
- To-do
- Screenshot

Description

News API is a simple, easy-to-use REST API that returns JSON search results for current and historic news articles published by over 75,000 worldwide sources.

Technology

- Ionic
- Angular
- RX JS
- News API

Setup

- Registration for API key is required that is stored in *environment.ts*
- To start the server on localhost type *npm start*
- To add android platform: ionic cordova platform add android

Features

According to the requirements this project has:

- Has more than two routes

-Accessed one backend API (News API)

- Handle incorrect paths

. - Used observables.

- Contain more than four components.

- Properly organized.

- Used one service. (Language and News API)

- Used one pipe (Title Convert) Custom pipes used to modify API news article titles, contents and derive '..time ago' from a date string

. - Used a styling library (Material)

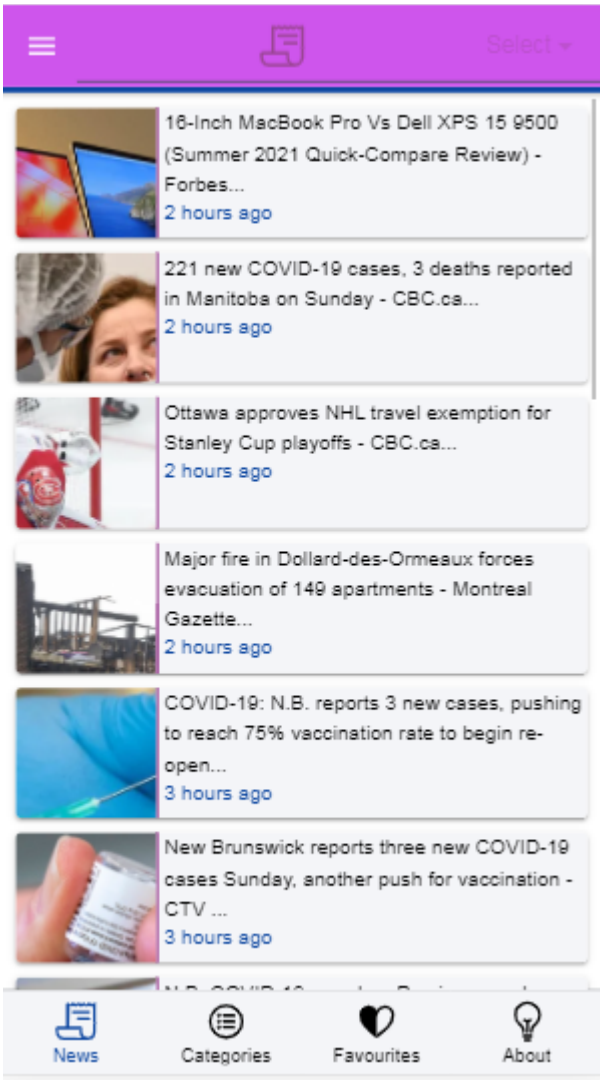
Navigation/Pages

Sidebar	news, categories, favorites, about, change language plus image
News Page	Shows world news headline with ---time ago. Here I used date convert pipe. To avoid new item with empty space , I used *ngif.
News-detail Page	Shows selected news items in detail.
Categories Page	Scrollable horizontal menu which shows categories like sports, health, business, technology, science and many more.
Favorite Page	Here you can see the favorites news, with the option to remove the favorite in order to save the storage.
About Page	Shows this application’s general info with photo and popover will redirect to the github repository.

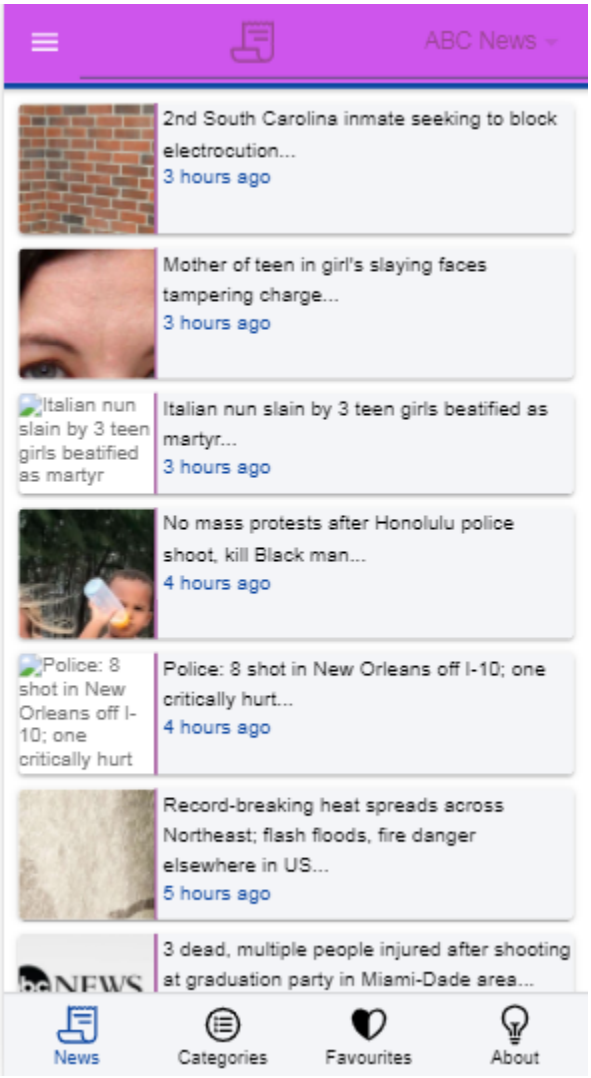
To-do

- New feature to be introduced, firstly, theme changing option. Dark theme and Light theme.
- Add more languages support.
- Categories hover menu on the right instead of middle of the page.

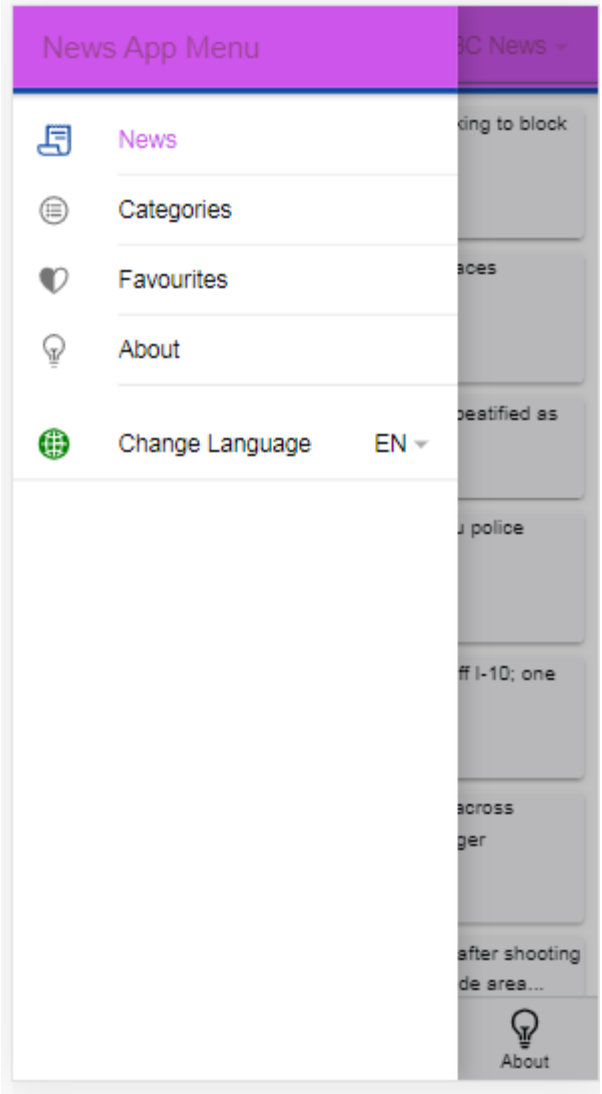
Screenshots



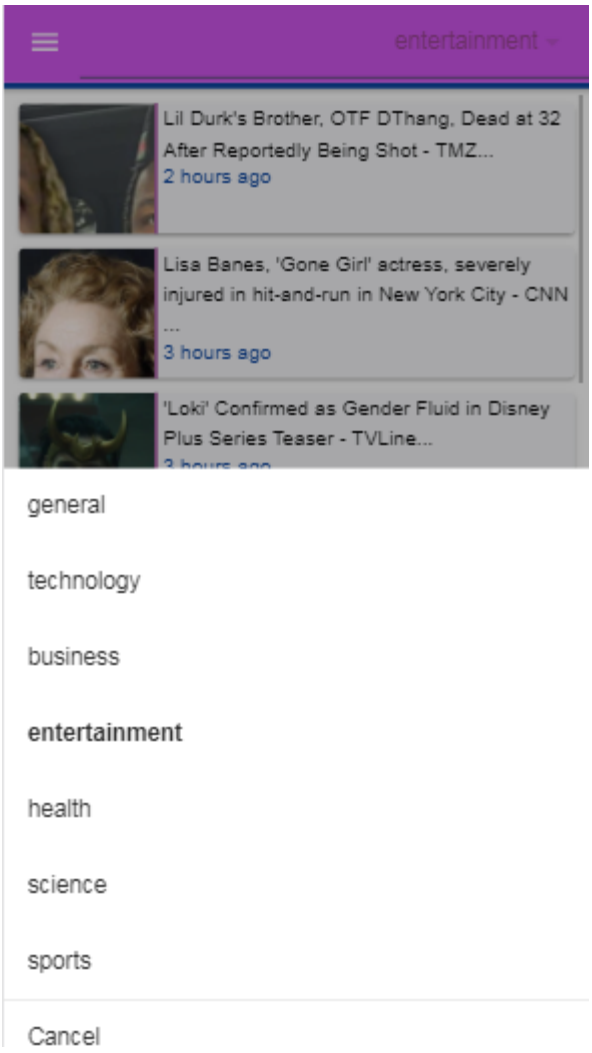
1. Home Page



2. Change News Channel from top right corner (Select Option)

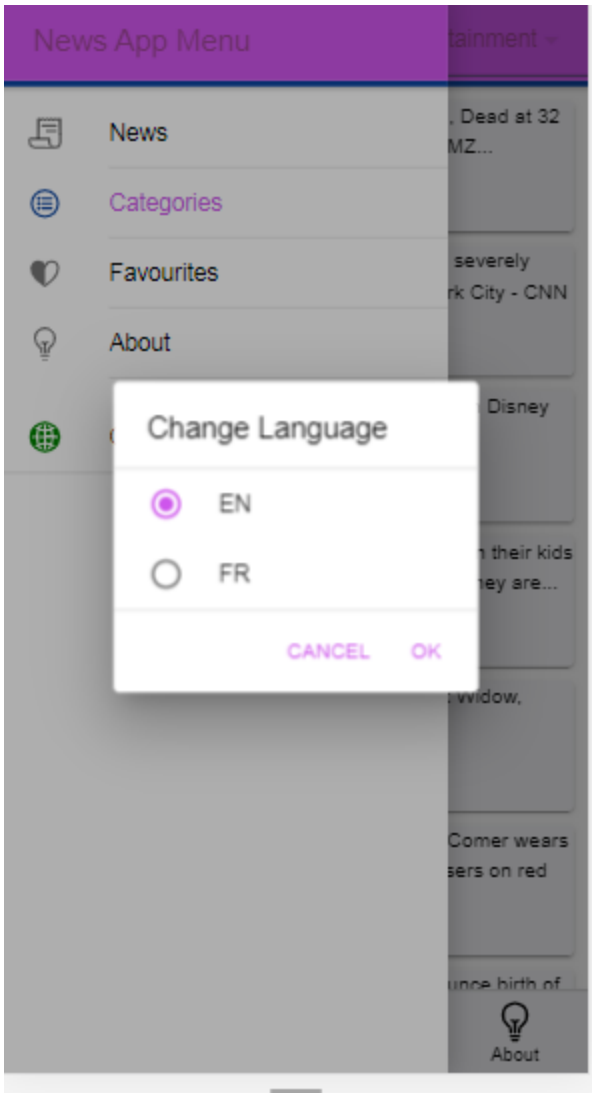


3. Navbar Menu



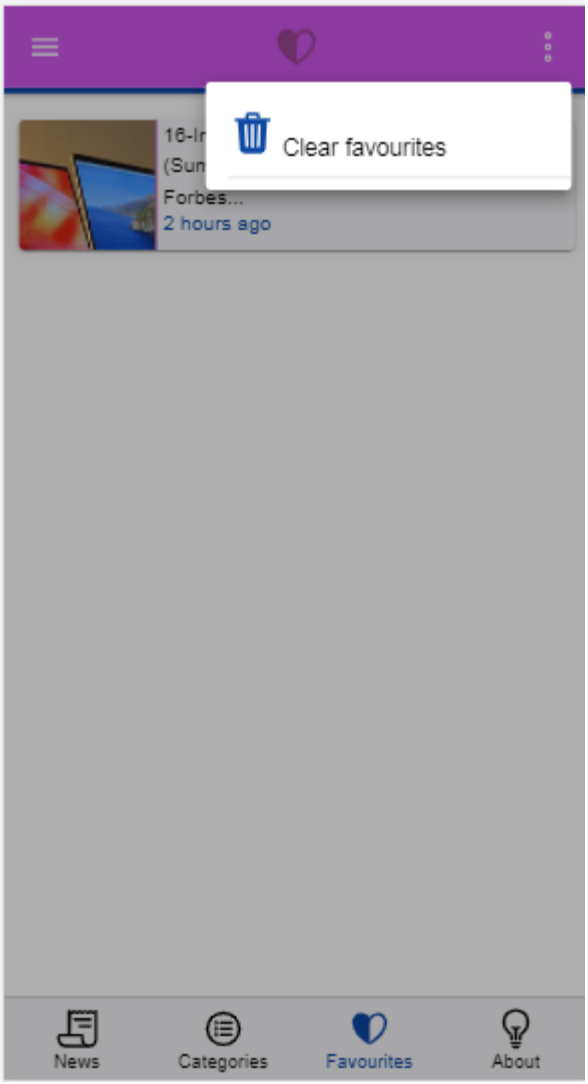
4. Change Categories

5. About Page



6. Change Langauge from navbar

7. Favorite Page



8. Remove Favorite

9. About Popover

10. Detail news