

Create a Mobile App to display news feed and stock tickers. (IOS or Android)

High-level requirements:

1. For stock tickers use this cvs file:

<https://raw.githubusercontent.com/dsancov/TestData/main/stocks.csv>

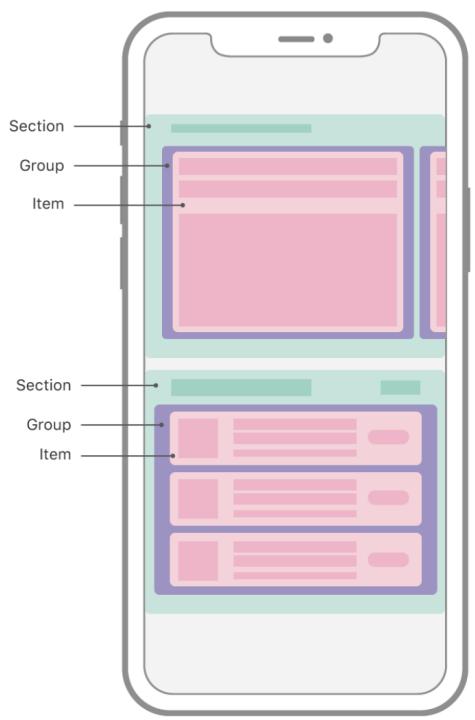
To display news feed use data from the following json file:

<https://saurav.tech/NewsAPI/everything/cnn.json>

2. Use **UICollectionViewCompositionalLayout** for data visualization for IOS only.

3.

1. The first section should contain a list of horizontal tickers with symbol and price. Price should be presented as #.## USD.
2. Second section should have a horizontal news list. Each cell has to contain a new title and image. (**First 6 news from json file**)
3. The last section has to be a vertical list with remaining news. Cells has to contain title, date, image and full descriptions.
4. For visual inspiration, you can refer to this example:



### ### Details:

1. Use reactive framework to fetch and display data (Combine/ RxSwift for IOS & co-routines with kotlin)
2. Use Codable to decode JSON data. For CVS you can use any tool you are comfortable with.
3. Stock tickers that are located in the first section have to imitate live market updates. You can achieve this by fetching random prices from above mentioned **cvs** each 1000 ms. Each stock symbol has around 30-40 prices, but you can also generate your own random prices.
4. Performance and memory consumption should also be taken into account.
5. App should only support vertical orientation.
6. Use relevant techniques based on OS (iOS or Android). UIKit, MVVM, androidrx etc.
7. Display loading indicator for long running async tasks.

### Submission

After you finished your test assignment, please send us a link to download it.