BitOasis

Mobile App Developer Interview Task

**Create a mobile App that has the follows:**

* Project name “BitTicker”.
* Need to create a Registration and Login pages (you can use any data source).
* Implement a service called “BitPoloniexService” that connects to Poloniex WebSocket and asks for the ticker info.

You can find the APIs details here at https://docs.poloniex.com/#ticker-data

The service should wrap the standard WebSocket API with an observable that can be subscribed to.

* Need to create a model for the ticker.
* A “Trade Highlight” UI/Layout that has an input of a number.

This will prefix the element with an Up/Down arrow and change the color to Green/Red depending on the number if it’s positive or negative.

As an example, once you connect to the APIs you will start receiving a trading data. These data will be highlighted Red/Green greater or less than the input number entered by the user.

* Render the ticker info into two different UI/Views design. The user can switch between these two views as a Default and a second custom UI/View.

Please note that "UI/View” is a business requirement and not component name meant to see Two different designs for the trading UI".

**The main app will do:**

1- Connect to Poloniex.

2- Registration and login functionalities

3- Send this payload:

{

 "command": "subscribe",

 "channel": 1002

}

4- Render two components

* One is Ticker with the default render view.
* The option to switch to the second rendering view.

**Notes:**

* No restrictions on how you want to render the Ticker component.
* **We will look into the App architecture, UI design, performance and stability**.
* Please share the **Git repo** link with the build **.ipa** file for reviewing.

ipa file is an optional incase you couldn’t export because of the certificate but at least the repo code should ne runnable.