

Flutter Take Home Assignment

Duration: 5 days

Design a simple flutter app:

- Have a dashboard or main page
- On the main page have a list of feeds
- Each feed will have a subscribe/unsubscribe button
- Once subscribed we can only unsubscribe from the feed and then subscribe again
- Display the subscriptionId once the feed is subscribed under the feed
- At the top please show the total number of subscribed feeds
- Add pagination for the list of feeds. We should have the look and feel of infinite scroll
- Add a filter by feedName to filter out the rest of the feeds
- By default the feeds should be sorted by feedId
- All the state lasts for only the user session, do not bother persisting it
- Use the Bloc pattern to design the above

The following REST APIs should be implemented to provide mock data
Please check out this github repo for running a mock server:
<https://github.com/typicode/json-server>

- /api/v1/feeds (GET) - Provides a list of feeds
response:

```
{
  feedId: 1
  feedName: twitter
}
```

- /api/v1/feed/feedId/subscribe. Subscribes for a feedId
response:

```
{
  feedId: 1
  subscriptionId: subsId1
}
```

Submission:

- Please make sure the above functionalities are implemented
- State any assumptions
- Clearly document how to build and run your flutter app
- Provide unit tests for the code thats written, provide as much coverage as you can
- Submit this in a github code repository and share the link
- Any code submitted will reflect how you code professionally
- If you have any questions please ask
- Please make sure the code can run on both android and ios platform