

Flutter Developer Internship – Task

Create a simple news article app that fetches article from the API and displays them in a mobile app. The app should have the following features:

1. Home Screen:
 - a. Display a list of news articles fetched from the API.
 - b. Each article should display a title, a brief description and image.
2. Navigation Bar:
 - a. Implement a bottom navigation bar to switch between the Home Screen and Favorite Screen.
3. Favorite Article Screen:
 - a. Allow users to save articles to a favorite list.
 - b. Display the list of all the favorite articles on a separate screen.
 - c. The articles should be saved in the database and displayed on the screen.
4. Article Detail Screen:
 - a. When the app user taps on the article, navigate user to a detail screen that displays the content of specific article.
5. Loading State:
 - a. Show a loading indicator while the data is being fetched.
6. Error Handling:
 - a. Display an appropriate message if there is an error while fetching the data.

API for News Article

You can use the [News API](#) data for fetching the news articles. You can access various new articles for free. The developer can sign up for an API key.

Submission and Presentation Guidelines

Submission Date: 2081-03-16

1. Code Submission:

- a. The candidate should submit the project as a Git repository.
- b. Ensure that the repository includes following:
 - A clear README file explaining the project, how to run it, and mentioning if there are any dependencies installed and a clear process to install the dependencies used.
 - Well-organized code with comments.

2. Video Presentation:

The candidate should prepare a short video (2-5 minutes) demonstrating the app features.

- Start with the home screen, showing the list of articles.
- The article detail screen.
- Show how the articles can be added to the favorite list and how the app user can later navigate to the favorite article screen.
- Highlight any additional features or improvements that the candidate has made.

3. Physical Presentation

- Run the app on an emulator or a physical device.
- Walk through the app's features and code structure.

Note: Ensure that the app is tested on both the Android and iOS emulators (if possible) to demonstrate cross-platform compatibility.