

Front end assignment

OVERVIEW

The details of the assignment are given below. Feel free to push the code to your git hub and submit the link to dibyasree.n@triveous.com even if it is incomplete. We just want to evaluate your problem solving approach. Also, you can add your creative touch wherever you wish to.

GOAL

Create a video explaining your approach towards this.

ASSIGNMENT DETAILS: “News App with Firebase Integration”

Build a news reader app using Next js.

Requirements:

1. User Registration and Login: Users should be able to create accounts and login to access personalized news preferences. Use Firebase for authentication

News API Integration: Use an open-source news API(e.g. ,<https://newsapi.org/>or any other source) to fetch the latest news articles and display them in a list view (for Next js app)and two columns of list view(for web app).

2. Grid view: Add a toggle button to show the news items in a grid view. UI styling can be of your choice here
3. News Detail View: When users tap on a news article item, it should show a detailed view of the article in another full screen, including the title,

description, image, and a link to the full article. You can use an in-app web view to show this if you are building a React app

4. Favorite Articles: Allow users to mark articles as favorites, and store their preferences in Fire base for persistence. This can be done by tapping on a heart icon on the top- right of the list items or the details view page
5. State management: Use some state management tools
6. Offline Support: Implement caching mechanisms to allow user store ad previously fetched news article seven when they are offline.
7. Design and UI/UX: Pay attention to app design and create a user-friendly interface.
8. Lastly, the app should be responsive in terms o f UI and smooth in terms of UX