Machine test Round 2

Figma Link : 🔗 Figma

Base URL : https://frijo.noviindus.in/api/

API List

1. otp_verified (**POST**)
2. category_list (**GET**)
3. home (**GET**)
4. my_feed (**POST**)
5. my_feed (**GET**)

Task

Build a Flutter Application with the below mentioned screens. Refer Figma for the design.

1. Login Screen

Use the **otp_verified** API for user authentication. Pass the following parameters in formdata:

- **country_code** : +91
- **phone** : 8129466718

In the response you will get a token for other APIs. Use the token from the **'access '** key in the response.

2. Home Screen

Create a home screen and list the categories from the api **category_list** at the top (refer figma). No need to pass the token in this API.

Use the **home** API to get the list of feeds to show on the home screen.

- Each feed contains a thumbnail, video, description and user details.

- Implement a video player to play feeds within the home screen.
- Only one video should be played at a time.
- The video player should include full controls with play/pause, seekbar with progress, total and played duration display, and fullscreen button.
- Each video should be in its original aspect ratio.
- Thumbnails should be shown for all feeds except the currently playing one.

3. <u>Add Feeds Screen</u>

There should be a screen for users to upload new feeds. You can use the **my_feed(POST)** API for this. This API requires authentication so use the access token. Pass the following parameters in formdata:
- **video** (Multipart File)
- **image** (Multipart File)
- **desc** (String)
- **category** (List eg:[23,24,25])

- Users should be able to choose videos from the gallery.
- Users should be able to choose thumbnail images from the gallery.
- Users should be able to choose multiple categories related to the chosen video.
- Only MP4 videos with a maximum duration of 5 minutes should be selected.
- All fields are mandatory, and validation must be implemented for both the input fields as well as the video type and duration.
- Video uploads should display a progress bar, ideally showing real-time upload progress.

4. <u>My Feeds Screen</u>

Redirect to My feeds from Home when clicking on the profile picture in Home appbar

Create a screen where users can view their own feeds using the **my_feed (GET)** API.
This API requires authentication, so include the access token.
Ensure that newly added posts appear in this list and implement pagination for loading more feeds.

In addition to this, please ensure the following:

1. Use clean architecture approach with provider state management

2. Use git to version control your project and put it on Github, GitLab

3. Minimise usage of 3rd party packages

4. Make the UI minimally attractive.

5. Make the code base production-ready.

We expect to receive the following :

1. The source code on a git hosting website. The entire application should not be a single commit. We want to see how the process of development took place.

2. An apk built off this code base. Please upload this to a cloud hosting service like Google Drive, Dropbox, etc.

3. Screenshots (directly attach to email)