

# SocialSeedlings

## FRONT-END ASSIGNMENT REVIEW ROUND

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### PROBLEM:

Create an web app having functionality similar to Instagram's news feed and profile section using **Unsplash OpenApi**.

**Note :-** Application should be created using **Nextjs**

**There must be 2 sections:**

1. **News Feed:** Fetch 10 random photos with an infinite scroll. The API response has user details, photo URL for different resolutions, location, number of likes, and some other useful data points about a feed.  
<https://unsplash.com/documentation#get-a-random-photo>
2. **Profile section:** On clicking the User Info section, the application will redirect to that user's profile page. Fetch the user details based on username from the API provided and show all the photos added by the user along with the photo descriptions in a

grid structure view. Also give an option to switch to the list view. Use the component created for the news feed to show the list view of the image selected.

<https://unsplash.com/documentation#users>

### Points to keep in check:

- Unsplash is an OpenAPI, you may create your own account, generate and use your API Key.
- Routing must be dynamically configured.  
For ex, assignment.com/user/{userId}
- Use any **state management library** (Redux, Redux Toolkit, Zustand Recoil, Jotai, etc.)
- **Cache the API response** for a certain amount of time after the initial load.
- Handle all **loading/empty/error** states for all the cases
- Identify and solve for all **possible edge cases**.
- Follow a standard **well defined folder structure**.
- Make the UI **responsive** and mobile friendly.
- **Deploy the working code** on GitHub/Vercel/Netlify/Firebase • **Don't use any UI Library** like tailwind, bootstrap etc. (Use native css)

### Brownie Points

**NOTE:** Focus on the basics first. The basic functionality of the application must be intact before you start to explore the following points.

- Avoid cloning Instagram's UI. Try to be unique with your implementation.

**Think beyond ordinary.**

- Lazyload all images that are outside of the viewport.
- Use blurhash placeholder technique for images.
- Features like Comments, Likes, Reactions can be added.
- Dark/Light mode
- Unsplash API is feature rich. Find ways to consume it in creative ways.

You are not required to cover any or all 'good to haves'. If the basics of the application are broken, implementation of good to haves will be voided.

**Any code plagiarism found would result in direct rejection.**

All the best!