

FLIPR Placement – Full Stack Development Task

General Instructions-

1. Upload the code in any version control like Git, Bitbucket, etc (do not mention Flipr in the repo name or inside the code. This is to avoid code duplicacy.)
2. Please provide GitHub, GitLab, or bitbucket repo URL for your assignment.
3. Share all the files and links and also make sure to make these files publicly available, any file that fails to open due to not being shared via a public link will not be considered as part of submission

Objective:- You are required to create a full-stack application consisting of a landing page and an admin panel. The application should include various features for managing project and client information, viewing contact form details, and tracking newsletter subscriptions.

Requirements:-

(Note- Reference Image of the landing page is given at the bottom)

1. **Landing Page:-** Create the landing page as per the reference given above

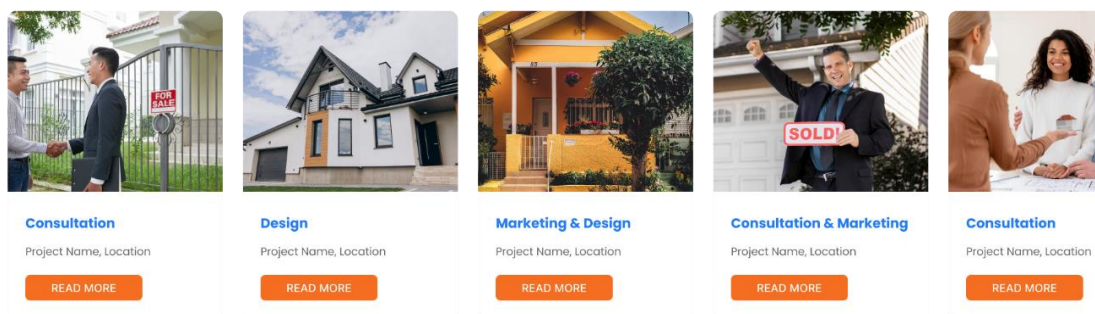
Features

- **“Our Project” Section** - In this section of the landing page display all the projects by fetching them from the backend.

Each project should include:

1. Project’s Image
2. Project’s Name
3. Project’s Description
4. A dummy Read More button (Non functional)

Reference Image –

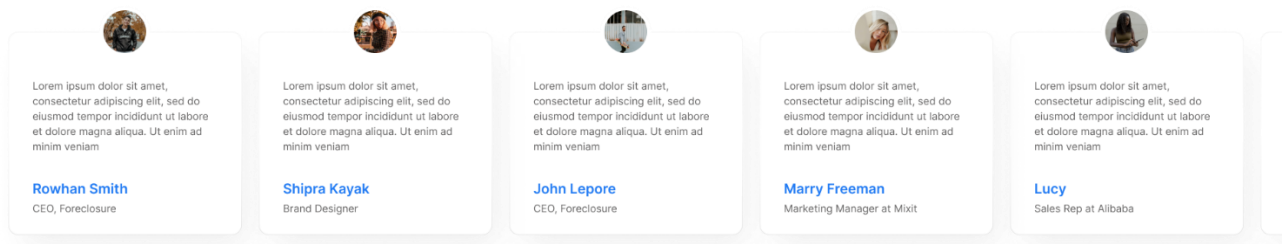


- **“Happy Clients” Section-** In this section of the landing page, display all the clients by fetching them from the backend.

Each client will include:

1. Client’s Image
2. Client’s Description
3. Client’s Name
4. Client’s Designation

Reference image for Happy Clients Section –



- **Contact Form-** Create a contact form as mentioned in the reference image where a user can submit the contact form details

Contact form will contain the following inputs and button:-

1. Full Name
2. Email Address
3. Mobile Number
4. City
5. Submit Button (This will submit the form’s data to the backend and these details will be shown in the admin panel)

Reference Image-

 A dark blue rectangular form with rounded corners. At the top, the text 'Get a Free Consultation' is centered in white. Below this, there are four white input fields with rounded corners and thin borders, each containing a placeholder text: 'Full Name', 'Enter Email Address', 'Mobile Number', and 'Area, City'. At the bottom of the form is a prominent orange button with rounded corners and the text 'Get Quick Quote' in white.

- **Newsletter Subscription Section-** Create a newsletter section as per the reference image.

In the newsletter section the user can enter their email address and after clicking on the subscribe button the email address should be sent to the backend.

Reference image –



2. **Admin Panel:-** Create an admin panel where the admin can manage projects, clients , contact form and subscribed users.

Features

- **Project Management-** Create a functionality in the admin panel where the admin can add projects by entering:
 1. Project's Image
 2. Project's Name
 3. Project's Description
- **Client Management-** Create a functionality in the admin panel where the admin can add client info by entering:
 1. Client's Image
 2. Client's Name
 3. Client's Description
 4. Client's Designation (Ex- CEO, Web Developer, Designer)
- **Contact Form Details-** Create a functionality where the admin can view all the contact form responses.
The details will include:-
 1. Full Name
 2. Email Address
 3. Mobile Number
 4. City
- **Subscribed Email Addresses-** Create a feature in admin panel where the admin can view all the subscribed email addresses.

Additional Features:

Note- These are the additional features for the bonus points, before implementing these features please ensure that you have completed the necessary required features which are mentioned above.

Additional Features will include-

1. **Image Cropping** - When uploading images from the admin panel crop the image in a specific ratio. For example if the original image is in the ratio 700 X 700 then the image should be cropped like 450 X 350 and then it should be stored in the backend.

Evaluation Criteria

- **Functionality:** All required features are implemented and working correctly.
- **Code Quality:** Clean, organized, and well-documented code.
- **Design:** Adherence to the provided reference image and overall visual appeal.
- **Usability:** User-friendly interfaces for both the landing page and admin panel.

Deployment :

1. Deploy the frontend and backend code on any cloud platform like AWS, Microsoft Azure, Google Cloud, Heroku or any other platform.
2. For databases, you can use anything. However, we'll prefer the use of free tier sandboxes on MongoDB Atlas

Reference Image for landing page-

