



Task: Institute Search Page Design and Functionality Implementation

Overview:

Welcome to the Flutter Developer Intern Assignment for Ostello India Pvt Ltd! In this task, you will be working on creating an institute search page using Flutter that closely resembles the design provided in the Figma link. The primary focus will be on replicating the design accurately and implementing searching and filter functionality using dummy data.

Instructions:

1. Design Replication:

- Utilize the Figma link provided to replicate the page design accurately.
- Pay attention to layout, color schemes, typography, and visual elements to achieve a pixel-perfect resemblance to the design.

2. Filtering Functionality:

- Implement filtering functionality using Flutter's built-in mechanisms.
- Integrate filter chips that represent different filtering options (e.g., categories, price ranges, ratings) and a functioning search bar.
- Use dummy data initially to demonstrate the functionality. The dummy data should dynamically change based on the selected filter chips.

3. Code Quality:

- Write clean, modular, and well-structured code that follows Flutter best practices.
- Comment your code appropriately to explain complex logic and functionalities.
- Ensure that your code is easily understandable and maintainable by other developers.

4. Responsive Design:

- Ensure that the layout is responsive and looks visually appealing on different screen sizes and orientations.

5. Error Handling:



- Implement appropriate error handling for potential issues such as network failures or unexpected data.

6. Bonus Points:

- If you're able to implement any additional features or improvements beyond the basic requirements, you're encouraged to do so. These could include animations, enhanced user interactions, or any creative additions that showcase your skills.

Submission Guidelines:

- Fork this assignment repository on GitHub and work on your solution there.
- Once you've completed the assignment, create a pull request from your forked repository to the original repository.

Evaluation Criteria:

Your assignment will be evaluated based on the following criteria:

- Design Accuracy: How closely your implementation matches the design provided in the Figma link.
- Functionality: How well the filtering chips and search bar work and how effectively they change the displayed data.
- Code Quality: The cleanliness, modularity, and adherence to best practices in your code.
- Bonus Points: Any extra features or improvements you've implemented.

We're excited to see your skills in action! Good luck with the assignment, and we look forward to reviewing your submission. If you have any questions, feel free to reach out to us for clarification. Happy coding!