

MAD LAB Experiment NO 4

So (A)

Aim: To create an interactive form using widgets

Theory:

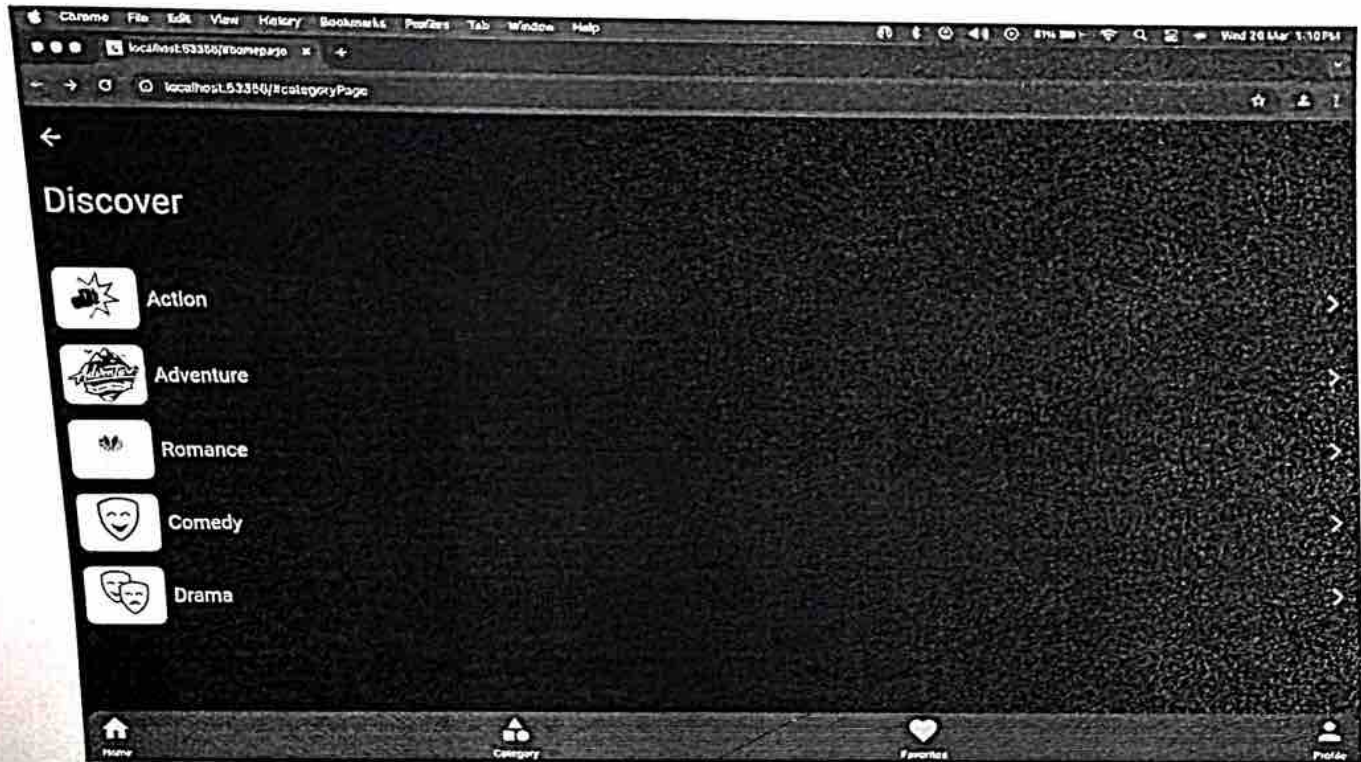
Form validation is an essential feature in Mobile application to ensure the correctness of user inputs before processing them. In flutter, 'form' and 'TextFormField' widgets are used to create forms.

Key concepts:

- 1] Global Key: used to uniquely identify the form and manage its state
- 2] TextFormField: A widget that allows users to enter input and support validation
- 3] Validation logic: Defines conditions to verify the correctness of input
- 4] Submit button: Triggers form validation and process the input if valid
- 5] Labels: To display instructions or information

Conclusion:

In this experiment, we successfully created an interactive form in flutter using various widgets. By leveraging Textfields, Dropdown Buttons, checkboxes, RadioButton of Button, we provided a dynamic and user-friendly experience for data input. Additionally, we implemented form validation to ensure data accuracy and enhance usability.



JS