Name	Vedant Dhoke
Class/Roll No	D15C/9
Subject	MAD and PWA Lab
DOP	
DOS	
Sign	

EXP 4

AIM: To create an interactive Form using form widget

Description:

The form in this RegistrationPage consists of three input fields for user information:

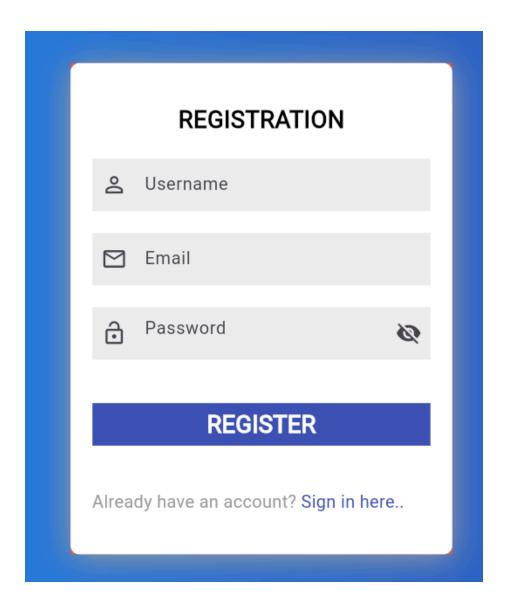
Username Field -> Takes user input for the username. Uses a TextEditingController (authProvider.name) to manage the input.

Email Field -> Collects the user's email address.Managed using authProvider.email.

Password Field -> Uses a custom password input field (PasswordField).Connected to authProvider.password. It includes password visibility toggle for user convenience.

Form Behavior & Submission -> Users enter their details in the input fields.On clicking the "REGISTER" button. It calls authProvider.signUp(), which likely sends the data for authentication. If registration fails, a Snackbar (Registration failed!) is shown. On success, it clears the fields and navigates to the login page.

Screenshot:



Conclusion: In this experiment, we created an interactive form using Flutter's Form widget. By combining input fields like TextFormField with validation logic and submission handling, we built a user-friendly and responsive form. This demonstrates Flutter's ability to manage form state effectively, making it easy to collect and validate user input.

Github Link:

https://github.com/VedantDhoke/flutter_store/blob/main/lib/pages/registration/registration.dart