

Experiment 4

- **Aim:-** To create an interactive Form using form widget Reference
- **Theory:-**

Form Widget and GlobalKey:

1. The `Form` widget in Flutter groups multiple input fields.
2. A `GlobalKey` is used to access and validate the form state.

TextFormField for Input Handling:

3. `TextFormField` allows users to enter data such as name, email, and booking details.
4. It supports built-in and custom validation logic.

Validation Logic:

5. The `validator` property helps check input validity (e.g., required fields, email format, phone number constraints).
6. Ensures that the form submission only proceeds with correct input.

Form Submission Button:

7. A button triggers validation and submission of user input.
8. On success, the data is processed and stored or used for further actions (e.g., booking confirmation).

10:24

Create Account

Sign up to get started with our app

Username

sarthak

Email

sartg

Please enter a valid email

Password

...

Password must be at least 6 characters

Already have an account? [Sign In](#)

10:25

Sports Hub Login

"The more difficult the victory, the greater the happiness in winning."

Username

sarthak

Password

.....

Forgot Password?

Security Verification

27 s

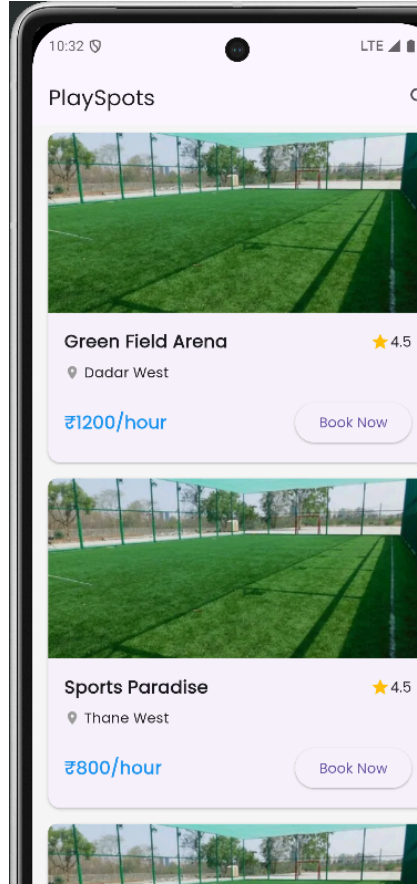
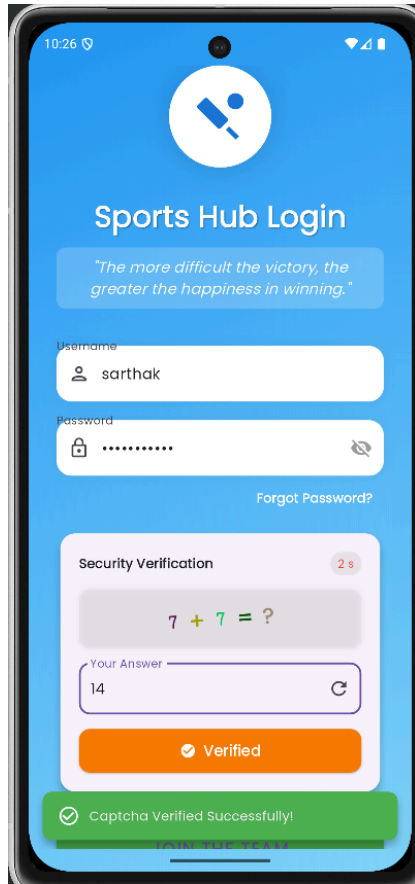
23 + 13 = ?

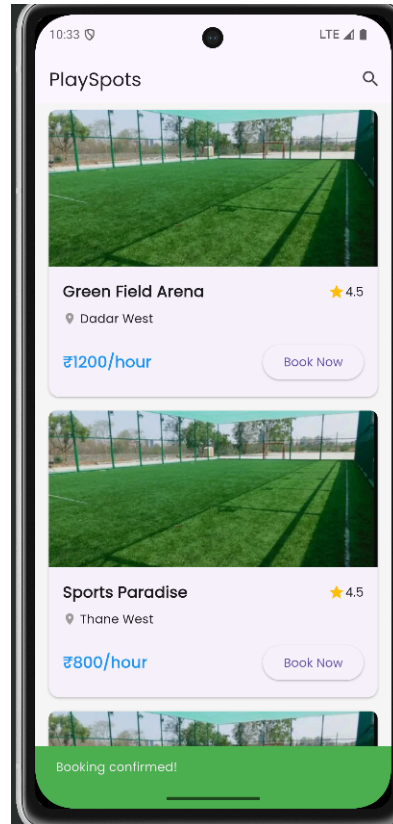
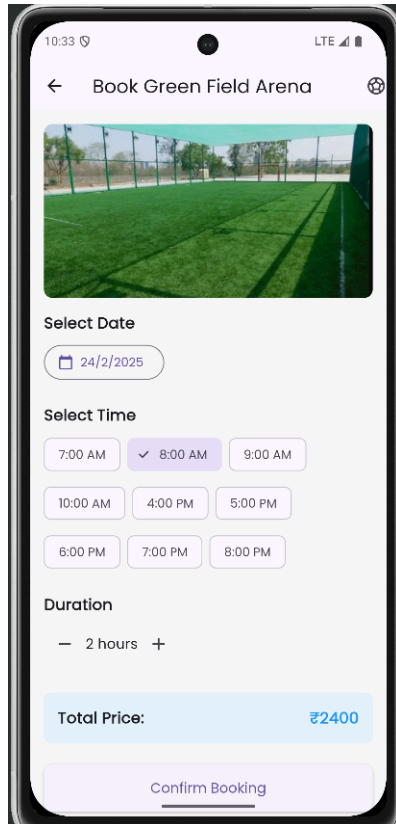
Your Answer

Verify Captcha

User successfully registered!

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- **Conclusion:-**

This experiment successfully integrated an **interactive form** in the **Turf Booking App**, allowing users to input their **booking details** efficiently. By leveraging the **Form** widget, **TextFormField**, and validation logic, we ensured a smooth user experience with error handling and input management. The form improves app functionality by enabling user bookings with proper validation and seamless submission.