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Batch: B

Experiment No 3

Aim: To include images and fonts in flutter app

Code:

```dart
import
'package:facebook_clone/features/auth/presentation/screens/create_account_
screee.dart';
import
'package:facebook_clone/features/auth/providers/auth_provider.dart';
import 'package:flutter/material.dart';
import 'package:flutter_riverpod/flutter_riverpod.dart';

import '/core/constants/constants.dart';
import '/core/widgets/round_button.dart';
import '/core/widgets/round_text_field.dart';
import '/features/auth/utils/utils.dart';

final _formKey = GlobalKey<FormState>();

class LoginScreen extends ConsumerStatefulWidget {
  const LoginScreen({super.key});

  @override
  ConsumerState<LoginScreen> createState() => _LoginScreenState();
}

class _LoginScreenState extends ConsumerState<LoginScreen> {
  late final TextEditingController _emailController;
  late final TextEditingController _passwordController;

  bool isLoading = false;

  @override
  void initState() {
    _emailController = TextEditingController();
```

```dart
      _passwordController = TextEditingController();
    super.initState();
  }
  @override
  void dispose() {
    _emailController.dispose();
    _passwordController.dispose();
    super.dispose();
  }
  Future<void> login() async {
    if (_formKey.currentState!.validate()) {
      _formKey.currentState!.save();
      setState(() => isLoading = true);
      await ref.read(authProvider).signIn(
            email: _emailController.text,
            password: _passwordController.text,
          );
      setState(() => isLoading = false);
    }
  }
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(),
      body: Padding(
        padding: Constants.defaultPadding,
        child: Column(
          mainAxisSize: MainAxisSize.max,
          mainAxisAlignment: MainAxisAlignment.spaceAround,
          children: [
            Image.asset(
              'assets/icons/fb_logo.png',
              width: 60,
            ),
            Form(
              key: _formKey,
              child: Column(
                children: [
                  RoundTextField(
                    controller: _emailController,
```

```dart
              hintText: 'Email',
              keyboardType: TextInputType.emailAddress,
              textInputAction: TextInputAction.next,
              validator: validateEmail,
            ),
            const SizedBox(height: 15),
            RoundTextField(
              controller: _passwordController,
              hintText: 'Password',
              keyboardType: TextInputType.visiblePassword,
              textInputAction: TextInputAction.done,
              isPassword: true,
              validator: validatePassword,
            ),
            const SizedBox(height: 15),
            RoundButton(onPressed: login, label: 'Login'),
            const SizedBox(height: 15),
            const Text(
              'Forget Password',
              style: TextStyle(fontSize: 18),
            ),
          ],
        ),
      ),
      Column(
        children: [
          RoundButton(
            onPressed: () {
              Navigator.of(context).pushNamed(
                CreateAccountScreen.routeName,
              );
            },
            label: 'Create new account',
            color: Colors.transparent,
          ),
          Image.asset(
            'assets/icons/meta.png',
            height: 50,
          ),
        ],
```
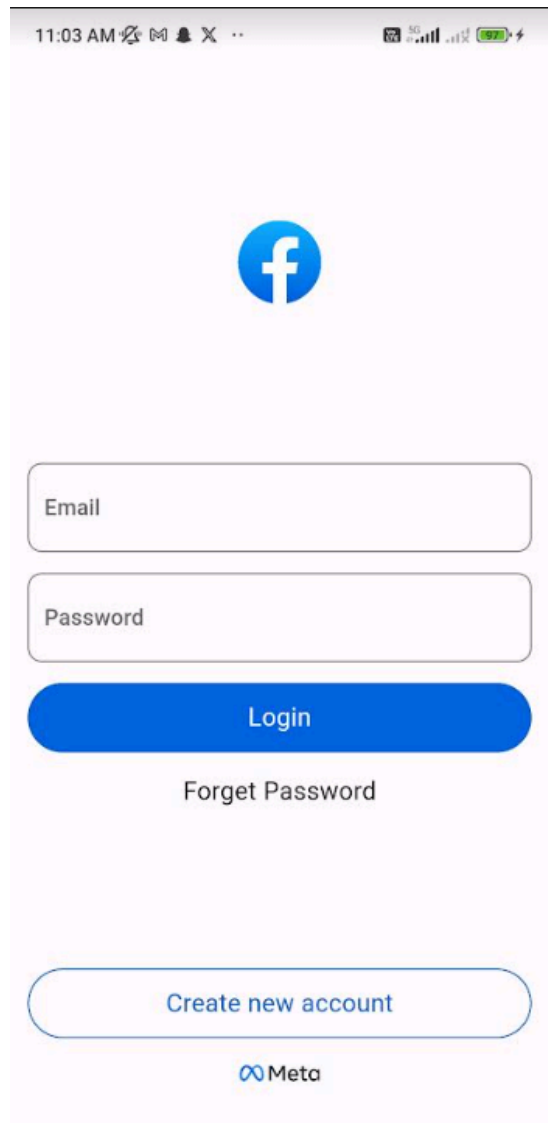
```
                ),
            ],
        ),
    ),
);
}
}
```

Output: