**COURSE: FLUTTER & FIREBASE**

**TASK 2: DESIGNING A REGISTRATION FORM USING FLUTTER**

**REGISTRATION FORM CODE:**

import 'package:flutter/material.dart';

void main() {

runApp(const MyApp());

}

class MyApp extends StatelessWidget {

const MyApp({super.key});

@override

Widget build(BuildContext context) {

return MaterialApp(

debugShowCheckedModeBanner: false,

home: const RegistrationPage(),

);

}

}

class RegistrationPage extends StatefulWidget {

const RegistrationPage({super.key});

@override

State<RegistrationPage> createState() => \_RegistrationPageState();

}

class \_RegistrationPageState extends State<RegistrationPage> {

final TextEditingController \_nameController = TextEditingController();

final TextEditingController \_emailController = TextEditingController();

final TextEditingController \_passwordController = TextEditingController();

void \_register() {

final name = \_nameController.text.trim();

final email = \_emailController.text.trim();

final password = \_passwordController.text.trim();

if (name.isEmpty || email.isEmpty || password.isEmpty) {

ScaffoldMessenger.of(context).showSnackBar(

const SnackBar(

content: Text("Please fill in all fields."),

duration: Duration(seconds: 2),

),

);

} else {

ScaffoldMessenger.of(context).showSnackBar(

SnackBar(

content: Text("Welcome, $name! Registration Successful."),

duration: const Duration(seconds: 2),

),

);

}

}

@override

Widget build(BuildContext context) {

return Scaffold(

backgroundColor: Colors.white,

body: Padding(

padding: const EdgeInsets.all(20.0),

child: Center(

child: SingleChildScrollView(

child: Column(

crossAxisAlignment: CrossAxisAlignment.stretch,

children: [

const Text(

"User Registration",

textAlign: TextAlign.center,

style: TextStyle(

fontSize: 24,

fontWeight: FontWeight.bold,

),

),

const SizedBox(height: 30),

TextField(

controller: \_nameController,

decoration: const InputDecoration(

labelText: "Full Name",

border: OutlineInputBorder(),

),

),

const SizedBox(height: 20),

TextField(

controller: \_emailController,

decoration: const InputDecoration(

labelText: "Email Address",

border: OutlineInputBorder(),

),

keyboardType: TextInputType.emailAddress,

),

const SizedBox(height: 20),

TextField(

controller: \_passwordController,

obscureText: true,

decoration: const InputDecoration(

labelText: "Password",

border: OutlineInputBorder(),

),

),

const SizedBox(height: 30),

ElevatedButton(

onPressed: \_register,

style: ElevatedButton.styleFrom(

padding: const EdgeInsets.symmetric(vertical: 15),

shape: RoundedRectangleBorder(

borderRadius: BorderRadius.circular(10),

),

),

child: const Text(

"Register",

style: TextStyle(fontSize: 16),

),

),

],

),

),

),

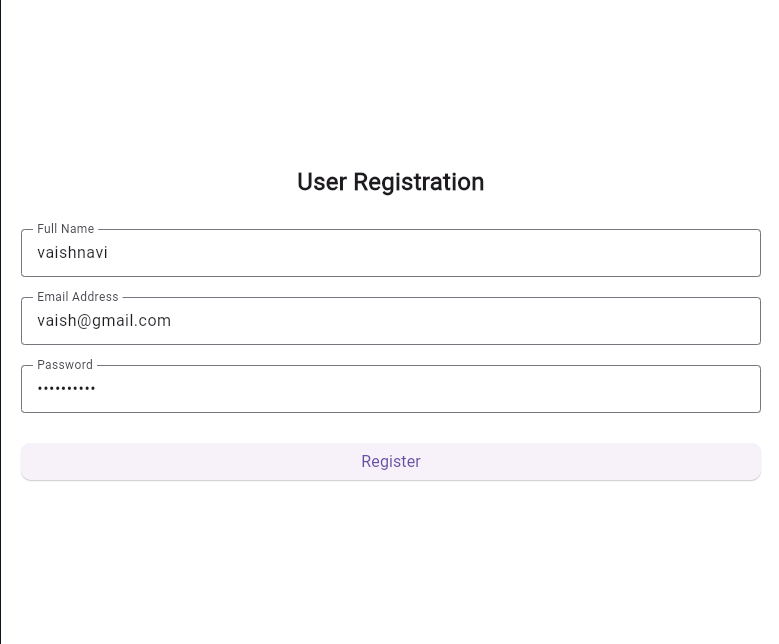
),

);

}

}

**OUTPUT:**

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**GITHUB LINK:** [**https://github.com/vaishnavi8754/Flutter\_tasks/**](https://github.com/vaishnavi8754/Flutter_tasks/)