**NAME - Dhruv Maurya**

**DIV - D15B**

**ROLL NO - 31**

**MPL EXP 2**

import 'package:flutter/material.dart';

import 'auth\_service.dart';

import 'home\_screen.dart';

import 'register\_screen.dart';

class LoginScreen extends StatefulWidget {

const LoginScreen({super.key});

@override

\_LoginScreenState createState() => \_LoginScreenState();

}

class \_LoginScreenState extends State<LoginScreen> {

final TextEditingController emailController = TextEditingController();

final TextEditingController passwordController = TextEditingController();

final AuthService \_auth = AuthService();

void login() async {

var user =

await \_auth.signIn(emailController.text, passwordController.text);

if (user != null) {

Navigator.pushReplacement(

context, MaterialPageRoute(builder: (context) => HomeScreen()));

} else {

ScaffoldMessenger.of(context)

.showSnackBar(SnackBar(content: Text('Login Failed')));

}

}

@override

Widget build(BuildContext context) {

return Scaffold(

backgroundColor: Color(0xFFF3E5F5),

body: Center(

child: Padding(

padding: const EdgeInsets.all(20.0),

child: Container(

decoration: BoxDecoration(

color: Colors.white,

borderRadius: BorderRadius.circular(20),

boxShadow: [

BoxShadow(

color: Colors.deepPurple.withOpacity(0.3),

blurRadius: 10,

offset: Offset(0, 5),

),

],

),

padding: EdgeInsets.all(20),

child: Column(

mainAxisSize: MainAxisSize.min,

children: [

Text(

"Login",

style: TextStyle(

fontSize: 28,

fontWeight: FontWeight.bold,

color: Colors.deepPurple,

),

),

SizedBox(height: 20),

TextField(

controller: emailController,

decoration: InputDecoration(

labelText: "Email",

prefixIcon: Icon(Icons.email, color: Colors.deepPurple),

border: OutlineInputBorder(

borderRadius: BorderRadius.circular(10),

),

),

),

SizedBox(height: 15),

TextField(

controller: passwordController,

decoration: InputDecoration(

labelText: "Password",

prefixIcon: Icon(Icons.lock, color: Colors.deepPurple),

border: OutlineInputBorder(

borderRadius: BorderRadius.circular(10),

),

),

obscureText: true,

),

SizedBox(height: 20),

ElevatedButton(

onPressed: login,

style: ElevatedButton.styleFrom(

backgroundColor: Colors.deepPurple,

padding: EdgeInsets.symmetric(horizontal: 40, vertical: 15),

shape: RoundedRectangleBorder(

borderRadius: BorderRadius.circular(10),

),

),

child: Text("Log In",

style: TextStyle(fontSize: 16, color: Colors.white)),

),

SizedBox(height: 10),

Text("Or continue with"),

SizedBox(height: 10),

Row(

mainAxisAlignment: MainAxisAlignment.center,

children: [

IconButton(

icon: Icon(Icons.g\_mobiledata,

size: 30, color: Colors.deepPurple),

onPressed: () {},

),

IconButton(

icon: Icon(Icons.facebook,

size: 30, color: Colors.deepPurple),

onPressed: () {},

),

],

),

SizedBox(height: 10),

TextButton(

onPressed: () => Navigator.push(

context,

MaterialPageRoute(builder: (context) => RegisterScreen()),

),

child: Text(

"Don't have an account? Create now",

style: TextStyle(color: Colors.deepPurple),

),

),

],

),

),

),

),

);

}

}



