import 'package:flutter/material.dart';

import 'package:shared\_preferences/shared\_preferences.dart';

void main() {

runApp(MyApp());

}

class MyApp extends StatelessWidget {

@override

Widget build(BuildContext context) {

return MaterialApp(

title: 'AlertDialog Form Demo',

theme: ThemeData(primarySwatch: Colors.blue),

home: UserFormScreen(),

);

}

}

class UserFormScreen extends StatefulWidget {

@override

\_UserFormScreenState createState() => \_UserFormScreenState();

}

class \_UserFormScreenState extends State<UserFormScreen> {

String name = '';

String lastName = '';

String email = '';

String phone = '';

// Step 1: Fetch stored data on app start

@override

void initState() {

super.initState();

\_loadData();

}

Future<void> \_loadData() async {

final prefs = await SharedPreferences.getInstance();

setState(() {

name = prefs.getString('name') ?? '';

lastName = prefs.getString('lastName') ?? '';

email = prefs.getString('email') ?? '';

phone = prefs.getString('phone') ?? '';

});

}

// Step 2: Show AlertDialog with form fields

void \_showFormDialog() {

final nameController = TextEditingController();

final lastNameController = TextEditingController();

final emailController = TextEditingController();

final phoneController = TextEditingController();

showDialog(

context: context,

builder: (context) {

return AlertDialog(

title: Text("Enter User Details"),

content: SingleChildScrollView(

child: Column(

children: [

TextFormField(

controller: nameController,

decoration: InputDecoration(labelText: 'First Name'),

),

TextFormField(

controller: lastNameController,

decoration: InputDecoration(labelText: 'Last Name'),

),

TextFormField(

controller: emailController,

decoration: InputDecoration(labelText: 'Email'),

),

TextFormField(

controller: phoneController,

decoration: InputDecoration(labelText: 'Phone Number'),

keyboardType: TextInputType.phone,

),

],

),

),

actions: [

TextButton(

onPressed: () async {

// Step 3: Store data in SharedPreferences

final prefs = await SharedPreferences.getInstance();

await prefs.setString('name', nameController.text);

await prefs.setString('lastName', lastNameController.text);

await prefs.setString('email', emailController.text);

await prefs.setString('phone', phoneController.text);

// Refresh UI

await \_loadData();

Navigator.pop(context);

},

child: Text("Submit"),

),

],

);

},

);

}

// Step 4: Show stored data in UI

@override

Widget build(BuildContext context) {

return Scaffold(

appBar: AppBar(

title: Text('SharedPreferences Example'),

),

body: Padding(

padding: const EdgeInsets.all(16.0),

child: Column(

crossAxisAlignment: CrossAxisAlignment.start,

children: [

Text('Name: $name', style: TextStyle(fontSize: 18)),

Text('Last Name: $lastName', style: TextStyle(fontSize: 18)),

Text('Email: $email', style: TextStyle(fontSize: 18)),

Text('Phone: $phone', style: TextStyle(fontSize: 18)),

SizedBox(height: 30),

Center(

child: ElevatedButton(

onPressed: \_showFormDialog,

child: Text('Open Form'),

),

),

],

),

),

);

}

}