import 'package:flutter/material.dart';

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

void main() {

runApp(const MyApp());

}

class MyApp extends StatelessWidget {

const MyApp({super.key});

@override

Widget build(BuildContext context) {

return MaterialApp(

title: 'Persistent TextFormField',

home: const PersistentTextFieldScreen(),

);

}

}

class PersistentTextFieldScreen extends StatefulWidget {

const PersistentTextFieldScreen({super.key});

@override

State<PersistentTextFieldScreen> createState() =>

\_PersistentTextFieldScreenState();

}

class \_PersistentTextFieldScreenState extends State<PersistentTextFieldScreen> {

final \_formKey = GlobalKey<FormState>();

final TextEditingController \_controller = TextEditingController();

static const String \_storageKey = "userInput";

@override

void initState() {

super.initState();

\_loadSavedText();

}

Future<void> \_loadSavedText() async {

final prefs = await SharedPreferences.getInstance();

final savedText = prefs.getString(\_storageKey) ?? '';

setState(() {

\_controller.text = savedText;

});

}

Future<void> \_saveText(String text) async {

final prefs = await SharedPreferences.getInstance();

await prefs.setString(\_storageKey, text);

}

@override

void dispose() {

\_controller.dispose();

super.dispose();

}

@override

Widget build(BuildContext context) {

return Scaffold(

appBar: AppBar(

title: const Text('Persistent TextFormField'),

),

body: Padding(

padding: const EdgeInsets.all(16.0),

child: Form(

key: \_formKey,

child: Column(

children: [

TextFormField(

controller: \_controller,

decoration: const InputDecoration(

labelText: 'Enter text',

border: OutlineInputBorder(),

),

onChanged: (value) {

\_saveText(value);

},

),

const SizedBox(height: 20),

ElevatedButton(

onPressed: () {

// Just to demonstrate form validation if needed

if (\_formKey.currentState!.validate()) {

ScaffoldMessenger.of(context).showSnackBar(

const SnackBar(content: Text('Text saved!')),

);

}

},

child: const Text('Save'),

),

],

),

),

),

);

}

}