import 'package:flutter/material.dart';

import 'package:intl/intl.dart';

void main() => runApp(AriseApp());

// Simplified storage using List (for DartPad compatibility)

class AppData {

static List<Map<String, dynamic>> habits = [];

static List<Map<String, dynamic>> todos = [];

static List<Map<String, dynamic>> journals = [];

}

class AriseApp extends StatelessWidget {

@override

Widget build(BuildContext context) {

return MaterialApp(

title: 'Arise',

theme: ThemeData(

primarySwatch: Colors.grey,

scaffoldBackgroundColor: Colors.grey[50],

appBarTheme: AppBarTheme(

backgroundColor: Colors.grey[900],

foregroundColor: Colors.white,

elevation: 0,

),

),

home: MainApp(),

);

}

}

class MainApp extends StatefulWidget {

@override

\_MainAppState createState() => \_MainAppState();

}

class \_MainAppState extends State<MainApp> {

int \_currentIndex = 0;

final List<Widget> \_screens = [

HabitsScreen(),

TodoScreen(),

JournalScreen(),

];

@override

Widget build(BuildContext context) {

return Scaffold(

body: \_screens[\_currentIndex],

bottomNavigationBar: BottomNavigationBar(

currentIndex: \_currentIndex,

onTap: (index) => setState(() => \_currentIndex = index),

items: const [

BottomNavigationBarItem(icon: Icon(Icons.track\_changes), label: 'Habits'),

BottomNavigationBarItem(icon: Icon(Icons.checklist), label: 'Tasks'),

BottomNavigationBarItem(icon: Icon(Icons.book), label: 'Journal'),

],

),

);

}

}

// Habit Tracker Screen

class HabitsScreen extends StatefulWidget {

@override

\_HabitsScreenState createState() => \_HabitsScreenState();

}

class \_HabitsScreenState extends State<HabitsScreen> {

void \_addHabit(String title) {

setState(() {

AppData.habits.add({

'title': title,

'streak': 0,

'lastUpdated': DateTime.now().toString(),

});

});

}

void \_updateStreak(int index) {

setState(() {

AppData.habits[index]['streak']++;

AppData.habits[index]['lastUpdated'] = DateTime.now().toString();

});

}

void \_showAddHabitDialog(BuildContext context) {

final controller = TextEditingController();

showDialog(

context: context,

builder: (context) => AlertDialog(

title: Text('New Habit'),

content: TextField(controller: controller),

actions: [

TextButton(

onPressed: () => Navigator.pop(context),

child: Text('Cancel'),

),

TextButton(

onPressed: () {

if (controller.text.isNotEmpty) {

\_addHabit(controller.text);

Navigator.pop(context);

}

},

child: Text('Add'),

),

],

),

);

}

@override

Widget build(BuildContext context) {

return Scaffold(

appBar: AppBar(title: Text('Habits')),

body: ListView.builder(

itemCount: AppData.habits.length,

itemBuilder: (context, index) {

final habit = AppData.habits[index];

return Card(

margin: EdgeInsets.all(8),

child: ListTile(

title: Text(habit['title']),

subtitle: Text('Streak: ${habit['streak']} days'),

trailing: Checkbox(

value: false,

onChanged: (\_) => \_updateStreak(index),

),

),

);

},

),

floatingActionButton: FloatingActionButton(

child: Icon(Icons.add),

onPressed: () => \_showAddHabitDialog(context),

),

);

}

}

// To-Do Screen

class TodoScreen extends StatefulWidget {

@override

\_TodoScreenState createState() => \_TodoScreenState();

}

class \_TodoScreenState extends State<TodoScreen> {

void \_addTask(String title) {

setState(() {

AppData.todos.add({

'title': title,

'completed': false,

});

});

}

void \_toggleTask(int index) {

setState(() {

AppData.todos[index]['completed'] = !AppData.todos[index]['completed'];

});

}

void \_showAddTaskDialog(BuildContext context) {

final controller = TextEditingController();

showDialog(

context: context,

builder: (context) => AlertDialog(

title: Text('New Task'),

content: TextField(controller: controller),

actions: [

TextButton(

onPressed: () => Navigator.pop(context),

child: Text('Cancel'),

),

TextButton(

onPressed: () {

if (controller.text.isNotEmpty) {

\_addTask(controller.text);

Navigator.pop(context);

}

},

child: Text('Add'),

),

],

),

);

}

@override

Widget build(BuildContext context) {

return Scaffold(

appBar: AppBar(title: Text('Tasks')),

body: ListView.builder(

itemCount: AppData.todos.length,

itemBuilder: (context, index) {

final task = AppData.todos[index];

return CheckboxListTile(

title: Text(task['title']),

value: task['completed'],

onChanged: (\_) => \_toggleTask(index),

);

},

),

floatingActionButton: FloatingActionButton(

child: Icon(Icons.add),

onPressed: () => \_showAddTaskDialog(context),

),

);

}

}

// Journal Screen

class JournalScreen extends StatefulWidget {

@override

\_JournalScreenState createState() => \_JournalScreenState();

}

class \_JournalScreenState extends State<JournalScreen> {

final TextEditingController \_controller = TextEditingController();

String \_selectedMood = '😊';

void \_saveEntry() {

if (\_controller.text.isEmpty) return;

setState(() {

AppData.journals.add({

'text': \_controller.text,

'mood': \_selectedMood,

'date': DateTime.now().toString(),

});

\_controller.clear();

});

}

@override

Widget build(BuildContext context) {

return Scaffold(

appBar: AppBar(title: Text('Journal')),

body: Column(

children: [

Expanded(

child: ListView.builder(

itemCount: AppData.journals.length,

itemBuilder: (context, index) {

final entry = AppData.journals[index];

return Card(

child: ListTile(

title: Text(entry['text']),

subtitle: Text(

DateFormat('MMM d, y').format(

DateTime.parse(entry['date']),

),

trailing: Text(entry['mood'], style: TextStyle(fontSize: 24)),

),

);

},

),

),

Padding(

padding: EdgeInsets.all(16),

child: Column(

children: [

TextField(

controller: \_controller,

decoration: InputDecoration(

hintText: "How's your day?",

border: OutlineInputBorder(),

),

maxLines: 3,

),

SizedBox(height: 8),

Row(

children: [

DropdownButton<String>(

value: \_selectedMood,

items: ['😊', '😐', '😢'].map((mood) {

return DropdownMenuItem(

value: mood,

child: Text(mood),

);

}).toList(),

onChanged: (value) => setState(() => \_selectedMood = value!),

),

Spacer(),

ElevatedButton(

onPressed: \_saveEntry,

child: Text('Save Entry'),

),

],

),

],

),

),

],

),

);

}

}