import 'package:flutter/material.dart';

void main() {

runApp(CourseDashboardApp());

}

class CourseDashboardApp extends StatelessWidget {

@override

Widget build(BuildContext context) {

return MaterialApp(

title: "Course Dashboard",

theme: ThemeData(primarySwatch: Colors.blue),

home: DashboardScreen(),

debugShowCheckedModeBanner: false,

);

}

}

class DashboardScreen extends StatefulWidget {

@override

\_DashboardScreenState createState() => \_DashboardScreenState();

}

class \_DashboardScreenState extends State<DashboardScreen> {

int \_selectedIndex = 0;

bool \_enrolled = false;

double \_scale = 1.0;

String? \_selectedCategory;

// Sample course list

final List<Map<String, String>> \_courses = [

{"name": "Mobile App Dev", "instructor": "Dr. Smith"},

{"name": "Web Development", "instructor": "Prof. Johnson"},

{"name": "Data Science", "instructor": "Dr. Lee"},

{"name": "Cyber Security", "instructor": "Prof. Brown"},

{"name": "AI & ML", "instructor": "Dr. Taylor"},

];

void \_onNavTap(int index) {

setState(() {

\_selectedIndex = index;

});

}

// Exit confirmation dialog

void \_showExitDialog() {

showDialog(

context: context,

builder: (ctx) => AlertDialog(

title: Text("Logout"),

content: Text("Are you sure you want to exit the app?"),

actions: [

TextButton(

onPressed: () => Navigator.of(ctx).pop(),

child: Text("No"),

),

TextButton(

onPressed: () => Navigator.of(ctx).pop(true),

child: Text("Yes"),

),

],

),

);

}

// Pages for navigation

Widget \_buildPage() {

switch (\_selectedIndex) {

case 0:

return Center(child: Text("Welcome to the Home Page"));

case 1:

return ListView.builder(

itemCount: \_courses.length,

itemBuilder: (context, index) {

return ListTile(

leading: Icon(Icons.book),

title: Text(\_courses[index]["name"]!),

subtitle: Text("Instructor: ${\_courses[index]["instructor"]}"),

);

},

);

case 2:

return Column(

mainAxisAlignment: MainAxisAlignment.center,

children: [

Text("Profile Page", style: TextStyle(fontSize: 20)),

SizedBox(height: 20),

// Animated Enroll Button

AnimatedScale(

scale: \_scale,

duration: Duration(milliseconds: 300),

child: ElevatedButton(

onPressed: () {

setState(() {

\_scale = \_scale == 1.0 ? 1.2 : 1.0;

\_enrolled = !\_enrolled;

});

},

child: Text(\_enrolled ? "Enrolled!" : "Enroll in a course"),

),

),

SizedBox(height: 30),

// Course Selection Dropdown

DropdownButton<String>(

hint: Text("Select Course Category"),

value: \_selectedCategory,

items: ["Science", "Arts", "Technology"]

.map((cat) => DropdownMenuItem(

value: cat,

child: Text(cat),

))

.toList(),

onChanged: (value) {

setState(() {

\_selectedCategory = value;

});

},

),

if (\_selectedCategory != null)

Text("Selected Category: $\_selectedCategory"),

SizedBox(height: 30),

ElevatedButton(

onPressed: \_showExitDialog,

child: Text("Logout"),

),

],

);

default:

return Container();

}

}

@override

Widget build(BuildContext context) {

return Scaffold(

appBar: AppBar(

title: Text("Course Dashboard"),

),

body: \_buildPage(),

bottomNavigationBar: BottomNavigationBar(

currentIndex: \_selectedIndex,

onTap: \_onNavTap,

items: [

BottomNavigationBarItem(icon: Icon(Icons.home), label: "Home"),

BottomNavigationBarItem(icon: Icon(Icons.book), label: "Courses"),

BottomNavigationBarItem(icon: Icon(Icons.person), label: "Profile"),

],

),

);

}

}