import 'dart:math';  
  
import 'package:cloud\_firestore/cloud\_firestore.dart';  
import 'package:flutter/material.dart';  
import 'package:flutter\_screenutil/flutter\_screenutil.dart';  
import 'package:insuranceadminside/AddUsers.dart';  
import 'package:insuranceadminside/Request.dart';  
import 'package:insuranceadminside/Search.dart';  
import 'package:insuranceadminside/UserDetails.dart';  
  
class Home extends StatefulWidget {  
 const Home({super.key});  
  
 @override  
 State<Home> createState() => \_HomeState();  
}  
  
class \_HomeState extends State<Home> {  
 final firestore = FirebaseFirestore.*instance*.collection("Users").snapshots();  
  
 @override  
 Widget build(BuildContext context) {  
 return Scaffold(  
 floatingActionButtonLocation: FloatingActionButtonLocation.*endDocked*,  
 floatingActionButton: Padding(  
 padding: EdgeInsets.only(bottom: 20.h),  
 child: Column(  
 mainAxisAlignment: MainAxisAlignment.end,  
 children: [  
 InkWell(onTap: (){  
  
  
 Navigator.*of*(context).push(MaterialPageRoute(builder: (\_)=> Request()));  
  
 },  
 child: Container(  
 width: 150.w,  
 height: 70.h,  
 decoration: ShapeDecoration(  
 color: Colors.*deepOrange*,  
 shape: RoundedRectangleBorder(  
 borderRadius: BorderRadius.circular(20.r),  
 ),  
 ),  
 child: Center(  
 child: Text(  
 "Request",  
 style: TextStyle(  
 color: Colors.*white*,  
 fontSize: 20.sp,  
 fontWeight: FontWeight.*bold*),  
 ),  
 ),  
 ),  
 ),  
 SizedBox(  
 height: 20.h,  
 ),  
 FloatingActionButton.extended(  
 onPressed: () {  
 Navigator.*of*(context)  
 .push(MaterialPageRoute(builder: (\_) => Addusers()));  
 },  
 backgroundColor: Colors.*blue*,  
 icon: Icon(  
 Icons.*add*,  
 color: Colors.*white*, // Icon color  
 ),  
 label: Text(  
 "Add Users",  
 style: TextStyle(  
 color: Colors.*white*, // Text color  
 fontSize: 14.sp, // Adjust font size  
 ),  
 ),  
 ),  
 ],  
 ),  
 ),  
 body: Container( width: 1440.w, // Full container width  
 height: 800.h, // Full container height  
 decoration: BoxDecoration(  
 image: DecorationImage(  
 image: AssetImage("assets/img.jpg"), // Background image  
 fit: BoxFit.cover, // Full-screen image  
 ),  
 ),  
 child: Container(  
 color: Colors.*grey*.withOpacity(0.4),  
 child: SingleChildScrollView(  
 child: StreamBuilder<QuerySnapshot>(  
 stream: firestore,  
 builder:  
 (BuildContext context, AsyncSnapshot<QuerySnapshot> snapshot) {  
 if (!snapshot.hasData) {  
 return Center(  
 child: CircularProgressIndicator(),  
 );  
 }  
 if (snapshot.hasError) {  
 return Center(  
 child: Text(  
 "ERROR",  
 style: TextStyle(color: Colors.*red*),  
 ),  
 );  
 }  
 if (snapshot.hasData) {  
 return Column(  
 crossAxisAlignment: CrossAxisAlignment.start,  
 children: [  
 Padding(  
 padding: EdgeInsets.only(left: 60.w, top: 20.h),  
 child: InkWell(  
 onTap: () => Navigator.*of*(context)  
 .push(MaterialPageRoute(builder: (\_) => Search())),  
 child: Container(  
 width: 500.w,  
 height: 50.h,  
 decoration: ShapeDecoration(  
 color: Colors.*white*,  
 shape: RoundedRectangleBorder(  
 side: BorderSide(  
 width: 1.w, color: Colors.*grey*),  
 borderRadius: BorderRadius.circular(20.r))),  
 child: ListTile(  
 leading: Icon(  
 Icons.*search*,  
 color: Colors.*grey*,  
 size: 20.sp,  
 ),  
 title: Text(  
 "Search.......",  
 style: TextStyle(  
 color: Colors.*grey*, fontSize: 18.sp),  
 ),  
 ),  
 ),  
 ),  
 ),  
  
  
 SizedBox(height: 20.h,),  
  
 SizedBox(  
 width: 1440.w,  
 height: max(260.h, 100 \* snapshot.data!.docs.length.h), // Ensuring min height  
 child: GridView.count(  
 crossAxisCount: 5,  
 childAspectRatio: 6 / 10,  
 crossAxisSpacing: 10.0,  
 mainAxisSpacing: 10.0,  
 shrinkWrap: true,  
 physics: NeverScrollableScrollPhysics(),  
 children: List.generate(snapshot.data!.docs.length, (index) {  
 return InkWell(  
 onTap: () {  
 Navigator.*of*(context).push(  
 MaterialPageRoute(  
 builder: (\_) => Userdetails(  
 Id: snapshot.data!.docs[index]["docId"],  
 ),  
 ),  
 );  
 },  
 child: Container(  
 width: 100.w,  
 height: 110.h,  
 decoration: ShapeDecoration(  
 color: Colors.*lightBlue*[100],  
 shape: RoundedRectangleBorder(  
 borderRadius: BorderRadius.circular(10.r),  
 ),  
 ),  
 child: Padding(  
 padding: EdgeInsets.only(left: 10.w, right: 10.w, top: 10.h),  
 child: Column(  
 crossAxisAlignment: CrossAxisAlignment.start,  
 children: [  
 Row(  
 crossAxisAlignment: CrossAxisAlignment.start,  
 children: [  
 Image.asset(  
 "assets/profile.jpg",  
 fit: BoxFit.cover,  
 width: 80.w,  
 height: 80.h,  
 ),  
 SizedBox(width: 10.w),  
 Column(  
 crossAxisAlignment: CrossAxisAlignment.start,  
 children: [  
 Text(  
 snapshot.data!.docs[index]["name"],  
 style: TextStyle(  
 color: Colors.*black*,  
 fontSize: 20.sp,  
 fontWeight: FontWeight.*bold*,  
 ),  
 ),  
 SizedBox(height: 10.h),  
 Text(  
 snapshot.data!.docs[index]["regId"],  
 style: TextStyle(  
 color: Colors.*black*,  
 fontSize: 20.sp,  
 fontWeight: FontWeight.*bold*,  
 ),  
 ),  
 ],  
 )  
 ],  
 ),  
 Text(  
 snapshot.data!.docs[index]["phone"],  
 style: TextStyle(  
 color: Colors.*black*,  
 fontSize: 20.sp,  
 fontWeight: FontWeight.*bold*,  
 ),  
 ),  
 Text(  
 "DEVICE ID : ${snapshot.data!.docs[index]["deviceId"]}",  
 style: TextStyle(  
 color: Colors.*black*,  
 fontSize: 18.sp,  
 fontWeight: FontWeight.*bold*,  
 ),  
 maxLines: 1,  
 overflow: TextOverflow.ellipsis,  
 ),  
 SizedBox(height: 10.h),  
 Text(  
 "TYPE : ${snapshot.data!.docs[index]["InsuranceType"]}",  
 style: TextStyle(  
 color: Colors.*black*,  
 fontSize: 18.sp,  
 fontWeight: FontWeight.*bold*,  
 ),  
 maxLines: 1,  
 overflow: TextOverflow.ellipsis,  
 ),  
 SizedBox(height: 10.h),  
 Text(  
 snapshot.data!.docs[index]["address"],  
 style: TextStyle(  
 color: Colors.*black*,  
 fontSize: 18.sp,  
 fontWeight: FontWeight.*bold*,  
 ),  
 maxLines: 2,  
 overflow: TextOverflow.ellipsis,  
 ),  
 ],  
 ),  
 ),  
 ),  
 );  
 }),  
 ),  
 ),  
 ],  
 );  
 } else {  
 return SizedBox();  
 }  
 }),  
 ),  
 ),  
 ),  
 );  
 }  
}