**MAD MID TERM PAPER**



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**Main.dart:**

import 'package:flutter/material.dart';  
import 'login\_page.dart';  
  
void main() {  
 runApp(LoginApp());  
}  
  
class LoginApp extends StatelessWidget {  
 @override  
 Widget build(BuildContext context) {  
 return MaterialApp(  
 home: LoginPage(),  
 );  
 }  
}

**Login\_Page.dart:**

import 'package:flutter/material.dart';  
import 'friends\_page.dart';  
  
class LoginPage extends StatelessWidget {  
 final TextEditingController usernameController = TextEditingController();  
 final TextEditingController passwordController = TextEditingController();  
  
 void \_login(BuildContext context) {  
 String username = usernameController.text;  
 String password = passwordController.text;  
  
 // Simulate a successful login  
 // if (username == "your\_username" && password == "your\_password") {  
 Navigator.*of*(context).push(MaterialPageRoute(builder: (context) {  
 return FriendsPage();  
 }));  
 // }  
 }  
  
 @override  
 Widget build(BuildContext context) {  
 return Scaffold(  
 appBar: AppBar(  
 title: Text('Login'),  
 ),  
 body: Center(  
 child: Padding(  
 padding: EdgeInsets.all(16.0),  
 child: Column(  
 mainAxisAlignment: MainAxisAlignment.center,  
 children: <Widget>[  
 TextField(  
 controller: usernameController,  
 decoration: InputDecoration(  
 labelText: 'Username',  
 ),  
 ),  
 SizedBox(height: 20),  
 TextField(  
 controller: passwordController,  
 decoration: InputDecoration(  
 labelText: 'Password',  
 ),  
 obscureText: true,  
 ),  
 SizedBox(height: 20),  
 ElevatedButton(  
 onPressed: () => \_login(context),  
 child: Text('Login'),  
 ),  
 ],  
 ),  
 ),  
 ),  
 );  
 }  
}

**Friend\_Page.dart:**

import 'package:flutter/material.dart';  
import 'friend\_details\_page.dart';  
  
class FriendsPage extends StatelessWidget {  
 final List<Friend> friends = [  
 Friend('John Doe', 'john@example.com', 'hamza.jpg', 'A software engineer.'),  
 Friend('Jane Smith', 'jane@example.com', 'assets/jane.jpg', 'A designer.'),  
 Friend('Alice Johnson', 'alice@example.com', 'assets/alice.jpg', 'A writer.'),  
 Friend('Bob Brown', 'bob@example.com', 'assets/bob.jpg', 'A photographer.'),  
 ];  
  
 @override  
 Widget build(BuildContext context) {  
 return Scaffold(  
 appBar: AppBar(  
 title: Text('Friends'),  
 ),  
 body: ListView.builder(  
 itemCount: friends.length,  
 itemBuilder: (context, index) {  
 return ListTile(  
 leading: CircleAvatar(  
 backgroundImage: AssetImage(friends[index].imagePath),  
 ),  
 title: Text(friends[index].name),  
 subtitle: Text(friends[index].email),  
 onTap: () {  
 Navigator.*of*(context).push(MaterialPageRoute(builder: (context) {  
 return FriendDetailsPage(friend: friends[index]);  
 }));  
 },  
 );  
 },  
 ),  
 );  
 }  
}  
  
class Friend {  
 final String name;  
 final String email;  
 final String imagePath;  
 final String description;  
  
 Friend(this.name, this.email, this.imagePath, this.description);  
}

**Friend\_details.dart:**

import 'package:flutter/material.dart';  
  
import 'friends\_page.dart';  
  
class FriendDetailsPage extends StatelessWidget {  
 final Friend friend;  
  
 FriendDetailsPage({required this.friend});  
  
 @override  
 Widget build(BuildContext context) {  
 return Scaffold(  
 appBar: AppBar(  
 title: Text(friend.name),  
 ),  
 body: Container(  
 color: Colors.*purple*, // Change the color as desired  
 child: Center(  
 child: Column(  
 children: [  
 CircleAvatar(  
 backgroundImage: AssetImage(friend.imagePath),  
 ),  
 Text(friend.name, style: TextStyle(color: Colors.*white*)),  
 Text(friend.description, style: TextStyle(color: Colors.*white*)),  
 ElevatedButton(  
 onPressed: () {  
 // Implement hire functionality  
 },  
 child: Text('Hire Me'),  
 ),  
 ElevatedButton(  
 onPressed: () {  
 // Implement follow functionality  
 },  
 child: Text('Follow'),  
 ),  
 ],  
 ),  
 ),  
 ),  
 );  
 }  
}

**Profile\_Page.dart:**

import 'package:flutter/material.dart';  
  
import 'friends\_page.dart';  
  
class ProfilePage extends StatelessWidget {  
 final Friend friend;  
  
 ProfilePage({required this.friend});  
  
 @override  
 Widget build(BuildContext context) {  
 return Scaffold(  
 appBar: AppBar(  
 title: Text('${friend.name}\'s Profile'),  
 ),  
 body: SingleChildScrollView(  
 child: Column(  
 children: [  
 Section(title: 'Portfolio', content: 'List of portfolio items here'),  
 Section(title: 'Skills', content: 'List of skills here'),  
 Section(title: 'Articles', content: 'List of articles here'),  
 ],  
 ),  
 ),  
 );  
 }  
}  
Color myLightPurple = Color(0xFF9C27B0); // Replace the hex code with your desired color code  
  
class Section extends StatelessWidget {  
 final String title;  
 final String content;  
  
 Section({required this.title, required this.content});  
  
 @override  
 Widget build(BuildContext context) {  
 return Container(  
 padding: EdgeInsets.all(16.0),  
 color: myLightPurple, // Use your custom color  
 child: Column(  
 crossAxisAlignment: CrossAxisAlignment.start,  
 children: [  
 Text(  
 title,  
 style: TextStyle(fontSize: 20, fontWeight: FontWeight.*bold*),  
 ),  
 SizedBox(height: 10),  
 Text(content),  
 ],  
 ),  
 );  
 }  
}