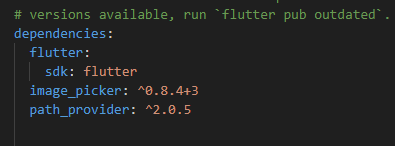
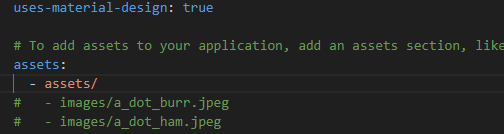
**Example on Profile creation using drawer navigation.**

**For below code we need to set dependency in pubspec.yaml**

**Create assets and set in pubspec.yaml file**



For navigation drawer profile we need to create multiple routes(files) in **‘lib’** folder.

So first we create in  **main.dart (**Design a drawer)

import 'package:flutter/material.dart';

import 'MyProfilePage.dart';

import 'EditProfilePage.dart';

import 'GoPremiumPage.dart';

import 'MyCoursepage.dart';

import 'SaveImagesPage.dart';

import 'Logout.dart';

void main() => runApp(const MyApp());

class MyApp extends StatelessWidget {

const MyApp({Key? key}) : super(key: key);

  @override

  Widget build(BuildContext context) {

    return MaterialApp(

      home: const MyHomePage(title: "Drawer Example"),

      routes: {

        '/myprofile': (context) => const MyProfilePage(), // Route for My Profile

        '/mycourse': (context) => const MyCoursePage(), // Route for My Course

        '/gopremium': (context) => const GoPremiumPage(), // Route for Go Premium

        '/savedimages': (context) => const SaveImagesPage(), // Route for Saved Videos

        '/editprofile': (context) => const EditProfilePage(), // Route for Edit Profile

        '/logout': (context) => const LogoutPage(), // route for logout

      },

    );

  }

}

class MyHomePage extends StatelessWidget {

final String title;

const MyHomePage({Key? key, required this.title}) : super(key: key);

@override

Widget build(BuildContext context) {

  return Scaffold(

  appBar: AppBar(

    title: Text(title),

    backgroundColor: Colors.green,

  ),

  body: const Center(

    child: Text("sample example",

    style: TextStyle(fontSize: 20.0),

  )),

  drawer: Drawer(

    child: ListView(

    padding: const EdgeInsets.all(0),

    children: [

      const DrawerHeader(

      decoration: BoxDecoration(

        color: Colors.green,

      ), //BoxDecoration

      child: UserAccountsDrawerHeader(

        decoration: BoxDecoration(color: Colors.green),

        accountName: Text(

        "Naina Joshi",

        style: TextStyle(fontSize: 18),

        ),

        accountEmail: Text("nainajoshi@gmail.com"),

        currentAccountPictureSize: Size.square(50),

        currentAccountPicture: CircleAvatar(

        backgroundImage: NetworkImage("https://images.unsplash.com/photo-1438761681033-6461ffad8d80?q=80&w=1470&auto=format&fit=crop&ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8fA%3D%3D"),

        // child: Text(

        //  "A",

        //  style: TextStyle(fontSize: 30.0, color: Colors.blue),

        // ), //Text

        ), //circleAvatar

      ), //UserAccountDrawerHeader

      ), //DrawerHeader

       ListTile(

              leading: const Icon(Icons.person),

              title: const Text(' My Profile '),

              onTap: () {

                Navigator.pop(context);

                Navigator.pushNamed(context, '/myprofile'); // Navigate to My Profile

              },

            ),

            ListTile(

              leading: const Icon(Icons.book),

              title: const Text(' My Course '),

              onTap: () {

                Navigator.pop(context);

                Navigator.pushNamed(context, '/mycourse'); // Navigate to My Course

              },

            ),

            ListTile(

              leading: const Icon(Icons.workspace\_premium),

              title: const Text(' Go Premium '),

              onTap: () {

                Navigator.pop(context);

                Navigator.pushNamed(context, '/gopremium'); // Navigate to Go Premium

              },

            ),

            ListTile(

              leading: const Icon(Icons.video\_label),

              title: const Text(' Saved Images '),

              onTap: () {

                Navigator.pop(context);

                Navigator.pushNamed(context, '/savedimages'); // Navigate to Saved Videos

              },

            ),

            ListTile(

              leading: const Icon(Icons.edit),

              title: const Text(' Edit Profile '),

              onTap: () {

                Navigator.pop(context);

                Navigator.pushNamed(context, '/editprofile'); // Navigate to Edit Profile

              },

            ),

            ListTile(

              leading: const Icon(Icons.logout),

              title: const Text('LogOut'),

              onTap: () {

                Navigator.pop(context);

                Navigator.pushNamed(context, '/logout');

              },

      ),

    ],

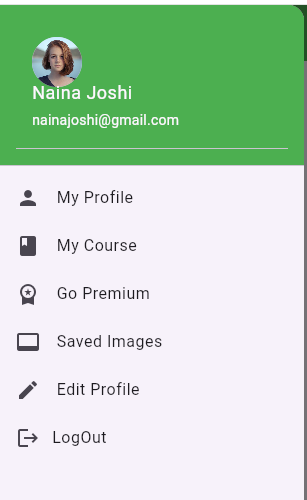
    ),

  ), //Drawer

  );

}

}



**2. MyProfilePage.dart**

import 'package:flutter/material.dart';

import 'EditProfilePage.dart'; // Import EditProfilePage if not imported already

class MyProfilePage extends StatefulWidget {

  const MyProfilePage({Key? key}) : super(key: key);

  @override

  \_MyProfilePageState createState() => \_MyProfilePageState();

}

class \_MyProfilePageState extends State<MyProfilePage> {

  String \_profileName = 'Naina Joshi'; // Set initial name

  String \_profileEmail = 'nainajoshi@gmail.com'; // Set initial email

  String \_profileBio = 'Lorem ipsum dolor sit amet, consectetur adipiscing elit.'; // Set initial bio

  @override

  Widget build(BuildContext context) {

    return Scaffold(

      appBar: AppBar(

        title: Text('My Profile'),

        backgroundColor: Colors.green,

      ),

      body: Padding(

        padding: const EdgeInsets.all(16.0),

        child: Column(

          crossAxisAlignment: CrossAxisAlignment.start,

          children: [

            CircleAvatar(

              radius: 50,

              backgroundColor: Colors.blue,

              child: Text(

                \_profileName.substring(0, 1), // Display the first letter of the name

                style: TextStyle(fontSize: 40, color: Colors.white),

              ),

            ),

            SizedBox(height: 20),

            Text(

              \_profileName, // Display the profile name

              style: TextStyle(fontSize: 24, fontWeight: FontWeight.bold),

            ),

            SizedBox(height: 10),

            Text(

              \_profileEmail, // Display the profile email

              style: TextStyle(fontSize: 16, color: Colors.grey),

            ),

            SizedBox(height: 10),

            Text(

              \_profileBio, // Display the profile bio

              style: TextStyle(fontSize: 16),

            ),

            SizedBox(height: 20),

            ElevatedButton(

              onPressed: () async {

                // Navigate to EditProfilePage and wait for result

                final updatedData = await Navigator.push(

                  context,

                  MaterialPageRoute(builder: (context) => EditProfilePage()),

                );

                // Update the profile data if updated data was returned

                if (updatedData != null && updatedData is Map<String, String>) {

                  setState(() {

                    // Update the profile data

                    \_profileName = updatedData['name'] ?? \_profileName;

                    \_profileEmail = updatedData['email'] ?? \_profileEmail;

                    \_profileBio = updatedData['bio'] ?? \_profileBio;

                  });

                }

              },

              child: Text('Edit Profile'),

            ),

          ],

        ),

      ),

    );

  }

}

3. EditProfilePage.dart

import 'package:flutter/material.dart';

class EditProfilePage extends StatefulWidget {

  const EditProfilePage({Key? key}) : super(key: key);

  @override

  \_EditProfilePageState createState() => \_EditProfilePageState();

}

class \_EditProfilePageState extends State<EditProfilePage> {

  TextEditingController \_nameController = TextEditingController();

  TextEditingController \_emailController = TextEditingController();

  TextEditingController \_bioController = TextEditingController();

  @override

  void dispose() {

    \_nameController.dispose();

    \_emailController.dispose();

    \_bioController.dispose();

    super.dispose();

  }

  void \_saveChanges() {

    String newName = \_nameController.text;

    String newEmail = \_emailController.text;

    String newBio = \_bioController.text;

    // Create a map to hold the updated data

    Map<String, String> updatedData = {

      'name': newName,

      'email': newEmail,

      'bio': newBio,

    };

    // Navigate back to the previous page (MyProfilePage) and pass the updated data

    Navigator.pop(context, updatedData);

  }

  @override

  Widget build(BuildContext context) {

    return Scaffold(

      appBar: AppBar(

        title: Text('Edit Profile'),

        backgroundColor: Colors.green,

      ),

      body: Padding(

        padding: const EdgeInsets.all(16.0),

        child: Column(

          crossAxisAlignment: CrossAxisAlignment.start,

          children: [

            TextField(

              controller: \_nameController,

              decoration: InputDecoration(

                labelText: 'Name',

              ),

            ),

            SizedBox(height: 20),

            TextField(

              controller: \_emailController,

              decoration: InputDecoration(

                labelText: 'Email',

              ),

            ),

            SizedBox(height: 20),

            TextField(

              controller: \_bioController,

              maxLines: null,

              keyboardType: TextInputType.multiline,

              decoration: InputDecoration(

                labelText: 'Bio',

              ),

            ),

            SizedBox(height: 20),

            ElevatedButton(

              onPressed: \_saveChanges,

              child: Text('Save'),

            ),

          ],

        ),

      ),

    );

  }

}

4. MyCoursePage.dart

import 'package:flutter/material.dart';

class MyCoursePage extends StatelessWidget {

  const MyCoursePage({Key? key}) : super(key: key);

  @override

  Widget build(BuildContext context) {

    return Scaffold(

      appBar: AppBar(

        title: const Text('My Course'),

        backgroundColor: Colors.green,

      ),

      body: const Padding(

        padding: EdgeInsets.all(20.0),

        child: Column(

          crossAxisAlignment: CrossAxisAlignment.start,

          children: [

            Text(

              'My Courses',

              style: TextStyle(

                fontSize: 24.0,

                fontWeight: FontWeight.bold,

                color: Colors.black,

              ),

            ),

            SizedBox(height: 20),

            CourseCard(

              courseName: 'Flutter Development',

              instructor: 'Karishma Patel',

              imageUrl: "assets/nat.jpg", //add image in assets folder

            ),

            SizedBox(height: 20),

            CourseCard(

              courseName: 'Web Developing',

              instructor: 'Gaurav patel',

              imageUrl: "assets/moon.jpg",

            ),

          ],

        ),

      ),

    );

  }

}

class CourseCard extends StatelessWidget {

  final String courseName;

  final String instructor;

  final String imageUrl;

  const CourseCard({

    required this.courseName,

    required this.instructor,

    required this.imageUrl,

  });

  @override

  Widget build(BuildContext context) {

    return Card(

      elevation: 4,

      shape: RoundedRectangleBorder(

        borderRadius: BorderRadius.circular(15.0),

      ),

      child: Padding(

        padding: const EdgeInsets.all(15.0),

        child: Column(

          crossAxisAlignment: CrossAxisAlignment.start,

          children: [

            Image.asset(

              imageUrl,

              height: 150,

              width: 150,

              fit: BoxFit.cover,

            ),

            const SizedBox(height: 10),

            Text(

              courseName,

              style: const TextStyle(

                fontSize: 18.0,

                fontWeight: FontWeight.bold,

              ),

            ),

            const SizedBox(height: 5),

            Text(

              'Instructor: $instructor',

              style: TextStyle(

                fontSize: 16.0,

                color: Colors.grey[700],

              ),

            ),

            const SizedBox(height: 10),

            ElevatedButton(

              onPressed: () {

                // Add onPressed action here

              },

              child: const Text('View Details'),

            ),

          ],

        ),

      ),

    );

  }

}

5. GoPremiumPage.dart

import 'package:flutter/material.dart';

class GoPremiumPage extends StatelessWidget {

  const GoPremiumPage({Key? key}) : super(key: key);

  @override

  Widget build(BuildContext context) {

    return Scaffold(

      appBar: AppBar(

        title: Text('Go Premium'),

        backgroundColor: Colors.green,

      ),

      body: Center(

        child: Column(

          mainAxisAlignment: MainAxisAlignment.center,

          children: [

            Icon(

              Icons.star,

              size: 100,

              color: Colors.yellow,

            ),

            SizedBox(height: 20),

            Text(

              'Upgrade to Premium',

              style: TextStyle(fontSize: 24, fontWeight: FontWeight.bold),

            ),

            SizedBox(height: 20),

            Text(

              'Unlock exclusive features and content by upgrading to Premium.',

              textAlign: TextAlign.center,

              style: TextStyle(fontSize: 16),

            ),

            SizedBox(height: 20),

            ElevatedButton(

              onPressed: () {

                // Add action to upgrade to premium

              },

              child: Text('Upgrade Now'),

            ),

          ],

        ),

      ),

    );

  }

}

6. SaveImagesPage.dart

import 'dart:io';

import 'package:flutter/foundation.dart';

import 'package:flutter/material.dart';

import 'package:image\_picker/image\_picker.dart';

//import 'package:path\_provider/path\_provider.dart';

class SaveImagesPage extends StatefulWidget {

  const SaveImagesPage({super.key});

  @override

  \_SaveImagesPageState createState() => \_SaveImagesPageState();

}

class \_SaveImagesPageState extends State<SaveImagesPage> {

List<File> selectedImages = [];

final picker = ImagePicker();

@override

Widget build(BuildContext context) {

 // display image selected from gallery

 return Scaffold(

 appBar: AppBar(

  title: const Text('File image select'),

  backgroundColor: Colors.blueGrey,

  actions: const [],

 ),

 body: Center(

  child: Column(

  mainAxisAlignment: MainAxisAlignment.center,

  children: [

   const SizedBox(

   height: 20,

   ),

   ElevatedButton(

   style: ButtonStyle(

    backgroundColor: WidgetStateProperty.all(const Color.fromARGB(255, 124, 240, 224))),

   child: const Text('Select Image'),

   onPressed: () {

    getImages();

   },

   ),

   SizedBox(

    height: 20,

   ),

   Expanded(

   child: SizedBox(

    width: 300.0,

    child: selectedImages.isEmpty

     ? const Center(child: Text('Sorry nothing selected!!'))

     : GridView.builder(

      itemCount: selectedImages.length,

      gridDelegate: const SliverGridDelegateWithFixedCrossAxisCount(

       crossAxisCount: 3),

      itemBuilder: (BuildContext context, int index) {

      return Center(

       child:

        kIsWeb

         ? Image.network(

          selectedImages[index].path,

          height:

           100,

          width: 100,

          fit: BoxFit

           .fill,

          alignment: Alignment

           .center,

          )

         : Image.file(

          selectedImages[index],

          height:

           100,

          width: 100,

          fit: BoxFit

           .fill,

          alignment: Alignment

           .center,

        ));

      },

    ),

   ),

   ),

  ],

  ),

 ),

 );

}

Future getImages() async {

 final pickedFile = await picker.pickMultiImage(

  requestFullMetadata: true,

  imageQuality: 100,

  maxHeight: 1000,

  maxWidth: 1000);

 List<XFile> xfilePick = pickedFile;

 setState(

 () {

  if (xfilePick.isNotEmpty) {

  for (var i = 0; i < xfilePick.length; i++) {

   selectedImages.add(File(xfilePick[i].path));

  }

  } else {

  ScaffoldMessenger.of(context).showSnackBar(// is this context <<<

   const SnackBar(content: Text('Nothing is selected')));

  }

 },

 );

}

}

7. Logout.dart

import 'package:flutter/material.dart';

class LogoutPage extends StatelessWidget {

  const LogoutPage({Key? key}) : super(key: key);

  @override

  Widget build(BuildContext context) {

    return Scaffold(

      appBar: AppBar(

        title: Text('Logout'),

        backgroundColor: Colors.green,

      ),

      body: Center(

        child: Column(

          mainAxisAlignment: MainAxisAlignment.center,

          children: [

            Icon(

              Icons.logout,

              size: 100,

              color: Colors.black,

            ),

            SizedBox(height: 20),

            Text(

              'Logout',

              style: TextStyle(fontSize: 24, fontWeight: FontWeight.bold),

            ),

            SizedBox(height: 20),

            ElevatedButton(

              onPressed: () {

                Navigator.pop(context); // Pop back to previous screen after logout

              },

              child: Text('Logout'),

            ),

          ],

        ),

      ),

    );

  }

}