

MAD and PWA Lab Mini Project

Name : Shubham Nakashe

Class:D15A

Roll no: 38

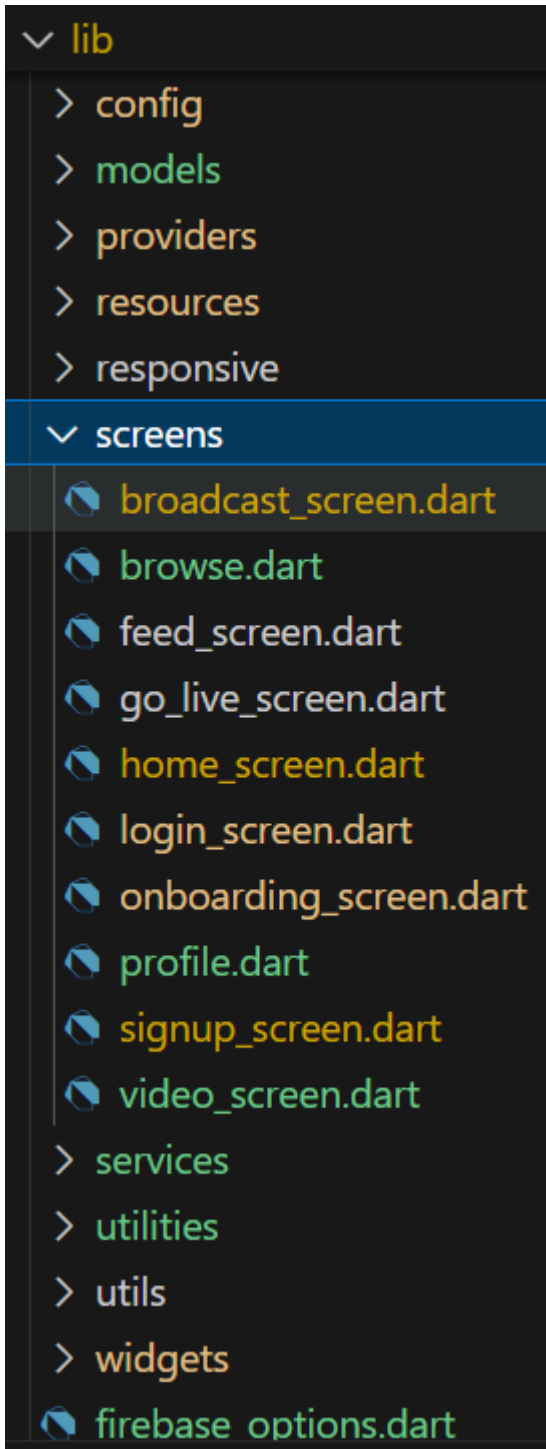
Aim: To design Flutter UI by including common widgets.

Theory:

Some common widgets in Flutter include:

- **Container:** A versatile widget that can contain other widgets and provides properties for styling, padding, margin, and more.
- **Text:** Displays a string of text with options for styling such as font size, color, weight, and alignment.
- **Row and Column:** Used to arrange child widgets horizontally (Row) or vertically (Column).
- **Image:** Displays an image from various sources such as assets, the internet, or memory.
- **AppBar and Scaffold:** Widgets for creating an app bar and a basic layout structure for your app.
- **Button widgets (ElevatedButton, TextButton, IconButton):** Used for user interaction and triggering actions.
- **TextField:** Allows users to input text with options for customization and validation.

FOLDER STRUCTURE:



CODE:

Profile.dart

```
import 'package:firebase_auth/firebase_auth.dart';
import 'package:flutter/material.dart';
import 'package:provider/provider.dart';
import 'package:twitch_clone/providers/user_provider.dart';
import 'package:twitch_clone/screens/onboarding_screen.dart';
import 'package:twitch_clone/widgets/custom_button.dart';

class ProfileScreen extends StatelessWidget {
  static const String routeName = '/profile';

  Future<void> signOut(BuildContext context) async {
    try {
      await FirebaseAuth.instance.signOut();
      Navigator.pushReplacementNamed(context, OnBoardingScreen.routeName);
    } catch (e) {
      print("Error signing out: $e");
    }
  }

  @override
  Widget build(BuildContext context) {
    final userProvider = Provider.of<UserProvider>(context);
    return Scaffold(
      appBar: AppBar(
        title: Text('Profile'),
        leading: Container(
          child: Image.asset('assets/twitch-icon.png'),
          width: 12,
          height: 12,
        ),
      ),
      body: Stack(
        children: [
          Container(
            height: MediaQuery.of(context).size.height * 0.35,
            decoration: BoxDecoration(
              image: DecorationImage(
                image: AssetImage('assets/nature2.jpg'),
                fit: BoxFit.cover,
              ),
            ),
          ),
          Padding(
            padding: const EdgeInsets.all(20.0),
```

```

child: Column(
  crossAxisAlignment: CrossAxisAlignment.start,
  children: [
    SizedBox(height: MediaQuery.of(context).size.height * 0.35),
    Container(
      padding: EdgeInsets.all(10),
      decoration: BoxDecoration(
        border:
          Border.all(color: Colors.grey),
        borderRadius: BorderRadius.circular(
          10),
      ),
    ),
    child: Row(
      children: [
        Icon(
          Icons.person,
          size: 24,
          color: Colors.black,
        ),
        SizedBox(width: 10),
        Text(
          'Username: ${userProvider.user.username}',
          style: TextStyle(
            fontSize: 24,
            color: Colors.black,
          ),
        ),
      ],
    ),
    ),
    SizedBox(height: 10),
    Container(
      padding: EdgeInsets.all(10),
      decoration: BoxDecoration(
        border:
          Border.all(color: Colors.grey),
        borderRadius: BorderRadius.circular(
          10),
      ),
    ),
    child: Row(
      children: [
        Icon(
          Icons.email,
          size: 24,
          color: Colors.black,
        ),
        SizedBox(width: 10),

```

```

Text(
  'Email: ${userProvider.user.email}',
  style: TextStyle(
    fontSize: 24,
    color: Colors.black,
  ),
),
],
),
),
Row(
  mainAxisAlignment: MainAxisAlignment.spaceEvenly,
  children: [
    IconButton(
      icon: Container(
        width: 50,
        height: 50,
        child: Image.asset('assets/instagram_icon.jpg'),
      ),
      onPressed: () {

      },
    ),
    IconButton(
      icon: Container(
        width: 50,
        height: 50,
        child: Image.asset('assets/whatsapp_icon.jpg'),
      ),
      onPressed: () {

      },
    ),
    IconButton(
      icon: Container(
        width: 40,
        height: 40,
        child: Image.asset('assets/linkedin_icon.png'),
      ),
      onPressed: () {

      },
    ),
    IconButton(
      icon: Container(
        width: 50,
        height: 50,
        child: Image.asset('assets/google_icon.png'),

```

```

        ),
        onPressed: () {
        },
    ),
  ],
),
  SizedBox(height: 20),
  CustomButton(
    text: 'Sign Out',
    onTap: () => signOut(context),
  ),
],
),
),
],
),
);
}
}

```

OUTPUT:

