

## MPL EXPERIMENT 3

**NAME:VAISHNAL DILIP MALI**

**CLASS:D15A**

**ROLL NO:26**

**AIM:To include fonts,icons and images in Flutter app.**

**Theory: -**

Flutter is a versatile open-source UI framework , which allows developers to build natively

compiled applications for mobile, web, and desktop platforms from a single codebase.

One of the key strengths of Flutter is its flexibility in creating highly customizable UIs.

This practical focuses

on incorporating essential visual elements—icons, images, and custom fonts—into a Flutter application. These elements enhance the visual appeal and usability of the app, providing an engaging experience for users.

A flutter app when built has both assets (resources) and code. Assets are available and deployed

during runtime. The asset is a file that can include static data, configuration files, icons, and

images. The Flutter app supports many image formats, such as JPEG, WebP, PNG, GIF, animated

WebP/GIF, BMP, and WBMP.

Visual elements play a significant role in app development.

- **Enhanced User Experience:** Images and icons make your app visually appealing and user friendly.

- **Information Conveyance:** They convey information quickly and intuitively. A well chosen icon can replace lengthy text.

- **Branding:** Custom icons and images reinforce your app's branding, making it memorable.

### ➤ Adding Icons in Flutter

Flutter provides built-in material design icons through the Icons class. Custom icons can also

be added using third-party packages such as `flutter_launcher_icons` and `font_awesome_flutter`.

```
Icon(  
  Icons.home,  
  size: 40,  
);
```

## ➤ Adding Images in Flutter

Flutter supports images from three sources:

### 1. Assets (Stored locally in the project)

- Place the image inside the `assets/images` folder in the project.
- Declare the image in `pubspec.yaml`

```
flutter:  
  assets:  
    - assets/images/sample.png
```

- Display the image in the app

```
Image.asset('assets/images/sample.png');
```

### 2. Network (Fetched from the internet)

Displaying images from the internet or network is very simple. Flutter provides a built-in method `Image.network` to work with images from a URL. The `Image.network` method also allows you to use some optional properties, such as height, width, color, fit, and many more.

```
Image.network('https://example.com/sample.jpg');
```

### 3. Memory or File (Stored on the device)

## ➤ Adding Custom Fonts in Flutter

By default, Flutter uses the Roboto font, but custom fonts can be added for a unique UI.

- Download the font and place it in the assets/fonts/ folder.
- Declare the font in pubspec.yaml
- Use the font in the app

```
Text(  
  'Custom Font Example',  
  style: TextStyle(fontFamily: 'CustomFont', fontSize: 24),  
);
```

### **CODE:**

#### **Homepage.dart**

```
import 'package:flutter/material.dart';  
import  
'package:google_fonts/google_fonts.dart';
```

```
// First, add this typography class at the  
// top of your file
```

```
class AppTypography {  
  static final TextStyle displayLarge =  
    GoogleFonts.poppins(  
      fontSize: 24,  
      fontWeight: FontWeight.bold,  
      letterSpacing: -0.3,  
      color: Colors.white,  
    );
```

```
  static final TextStyle titleMedium =  
    GoogleFonts.poppins(  
      fontSize: 16,  
      fontWeight: FontWeight.w600,  
      letterSpacing: -0.2,  
      color: Colors.white,  
    );
```

```
  static final TextStyle bodySmall =  
    GoogleFonts.poppins(  
      fontSize: 12,
```

```
class HomeScreen extends  
StatelessWidget {  
  const HomeScreen({Key? key}) :  
    super(key: key);
```

```
  @override  
  Widget build(BuildContext context) {  
    return Scaffold(  
      body: Stack(  
        children: [  
          Container(  
            decoration: BoxDecoration(  
              gradient: LinearGradient(  
                begin: Alignment.topCenter,  
                end: Alignment.bottomCenter,  
                colors: [  
                  Colors.black.withOpacity(0.8),  
                  Colors.black,  
                ],  
            ),  
          ),  
          SingleChildScrollView(  
            child: SafeArea(  
              child: Column(  
                crossAxisAlignment:  
                  CrossAxisAlignment.start,
```

```

fontWeight: FontWeight.normal,
letterSpacing: 0.1,
color: Colors.grey[400],
);
}

children: [
  // Updated CircleAvatar
  with specific size and styling
  const CircleAvatar(
    radius: 20,
    backgroundColor:
Color(0xFF282828),
    child: Icon(
      Icons.person,
color: Colors.white,
      size: 24,
    ),
  ),
  const SizedBox(width: 16),
  Container(
    padding: const
EdgeInsets.symmetric(
      horizontal: 16, vertical:
8),
    decoration:
BoxDecoration(
      color: const
Color(0xFF1DB954),
      borderRadius:
BorderRadius.circular(20),
    ),
    child: const Text('All',
      style: TextStyle(color:
Colors.white)),
  ),
  const SizedBox(width: 8),
  Container(
    padding: const
EdgeInsets.symmetric(
      horizontal: 16, vertical:

```

```

children: [
  Padding(
    padding: const
EdgeInsets.all(16.0),
    child: Row(
      borderRadius: BorderRadius.circular(20),
    ),
    child: const Text('Music',
      style: TextStyle(color:
Colors.white)),
  ),
  const SizedBox(width: 8),
  Container(
    padding: const
EdgeInsets.symmetric(
      horizontal: 16, vertical:
8),
    decoration:
BoxDecoration(
      color: const
Color(0xFF282828),
      borderRadius:
BorderRadius.circular(20),
    ),
    child: const
Text('Podcasts',
      style: TextStyle(color:
Colors.white)),
  ),
],
),
const PlaylistSection(
  title: 'On Repeat',
  image:
'assets/images/on_repeat.jpg',
  isLarge: true,
),
const PlaylistSection(
  title: 'Trending Now India',
  image:

```

```

8),
    decoration:
BoxDecoration(
    color: const
Color(0xFF282828),

    image:
'assets/images/liked_songs.jpg',
    isLarge: true,
),
const SectionTitle(title: 'Your
top mixes'),
SingleChildScrollView(
    scrollDirection:
Axis.horizontal,
    padding: const
EdgeInsets.symmetric(horizontal: 16),
    child: Row(
        children: const [
            MixCard(
                title: 'Arijit Singh Mix',
                subtitle: 'Pritam,
Vishal-Shekhar and Atif Aslam',
                image:
'assets/images/arijit.jpg',
            ),
            SizedBox(width: 16),
            MixCard(
                title: 'Chill Mix',
                subtitle: 'Kendrick Lamar,
The Weeknd, Future',
                image:
'assets/images/chill.jpg',
            ),
            SizedBox(width: 16),
            MixCard(
                title: 'R&B Mix',
                subtitle: 'Kali Uchis,
SZA',
                image:
'assets/images/rnb.jpg',
            ),

```

```

'assets/images/trending_india.jpg',
    isLarge: true,
),
const PlaylistSection(
    title: 'Liked Songs',
),
),
const Positioned(
    left: 0,
    right: 0,
    bottom: 0,
    child: NowPlayingBar(),
),
],
),
);
}
}

class PlaylistSection extends
StatelessWidget {
    final String title;
    final String image;
    final bool isLarge;

    const PlaylistSection({
        Key? key,
        required this.title,
        required this.image,
        this.isLarge = false,
    }) : super(key: key);

    @override
    Widget build(BuildContext context) {
        return Padding(
            padding: const EdgeInsets.all(16.0),
            child: Row(
                children: [
                    ClipRRect(
                        borderRadius:
BorderRadius.circular(4),

```

```

        ],
      ),
    ),
    const SizedBox(height: 100),
  ],
),
const SizedBox(width: 16),
Expanded(
  child: Text(
    title,
    style:
AppTypography.titleMedium, // Updated
typography
    overflow: TextOverflow.ellipsis,
// Added overflow handling
    maxLines: 2,
  ),
),
Material(
  color: Colors.transparent,
  child: IconButton(
    icon: const Icon(
      Icons.more_vert,
      color: Colors.white,
      size: 24,
    ),
    onPressed: () {},
  ),
),
],
),
);
}
}

```

```

class MixCard extends StatelessWidget {
  final String title;
  final String subtitle;
  final String image;

  const MixCard({

```

```

    child: Image.asset(
      image,
      width: isLarge ? 80 : 60,
      height: isLarge ? 80 : 60,
      fit: BoxFit.cover,
    ),
  @override
  Widget build(BuildContext context) {
    return SizedBox(
      width: 160,
      child: Column(
        crossAxisAlignment:
CrossAxisAlignment.start,
        children: [
          ClipRRect(
            borderRadius:
BorderRadius.circular(4),
            child: Image.asset(
              image,
              width: 160,
              height: 160,
              fit: BoxFit.cover,
            ),
          ),
          const SizedBox(height: 8),
          Text(
            title,
            style:
AppTypography.titleMedium, // Updated
typography
            overflow: TextOverflow.ellipsis, //
Added overflow handling
            maxLines: 1,
          ),
          const SizedBox(height: 4),
          Text(
            subtitle,
            style: AppTypography.bodySmall,
// Updated typography
            overflow: TextOverflow.ellipsis, //
Added overflow handling
            maxLines: 2,
          ),

```

```

    Key? key,
    required this.title,
    required this.subtitle,
    required this.image,
  }) : super(key: key);

}

class NowPlayingBar extends
StatelessWidget {
  const NowPlayingBar({Key? key}) :
super(key: key);

  @override
  Widget build(BuildContext context) {
    return Container(
      color: const Color(0xFF282828),
      padding: const EdgeInsets.all(8),
      child: Row(
        children: [
          ClipRRect(
            borderRadius:
BorderRadius.circular(4),
            child: Image.asset(
              'assets/images/perfect_1d.jpg',
              width: 40,
              height: 40,
              fit: BoxFit.cover,
            ),
          ),
          const SizedBox(width: 12),
          Expanded(
            child: Column(
              crossAxisAlignment:
CrossAxisAlignment.start,
              mainAxisAlignment:
MainAxisSize.min,
              children: [
                Text(
                  'Perfect',
                  style:
AppTypography.titleMedium, // Updated

```

```

        ],
      ),
    );
  }

  'One Direction',
    style:
AppTypography.bodySmall, // Updated
    typography
      overflow:
TextOverflow.ellipsis,
    ),
  ],
),
),
Material(
  color: Colors.transparent,
  child: IconButton(
    icon: const Icon(
      Icons.devices_outlined,
      color: Colors.white,
      size: 24,
    ),
    onPressed: () {},
  ),
),
Material(
  color: Colors.transparent,
  child: IconButton(
    icon: const Icon(
      Icons.favorite_border,
      color: Colors.white,
      size: 24,
    ),
    onPressed: () {},
  ),
),
Material(
  color: Colors.transparent,
  child: IconButton(
    iconSize: 32,
    icon: const Icon(

```

```

typography
    overflow:
TextOverflow.ellipsis,
    ),
    Text(
    ),
    ],
    ),
);
}
}

class SectionTitle extends StatelessWidget
{
    final String title;

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

    @override
    Widget build(BuildContext context) {
        return Padding(
            padding: const EdgeInsets.all(16.0),
            child: Text(
                title,
                style: AppTypography.displayLarge,
// Updated typography
            ),
        );
    }
}

```

```

Icons.play_circle_filled,
color: Colors.white,
    ),
    onPressed: () {},
    ),
Register.dart

import 'package:flutter/material.dart';
import
'package:spotify_clone/features/auth/scre
ns/sign_in_screen.dart';
import 'package:spotify_clone/main.dart';

class Register extends StatefulWidget {
    const Register({Key? key}) : super(key:
key);

    @override
    State<Register> createState() =>
_RegisterState();
}

class _RegisterState extends
State<Register> {
    bool _obscurePassword = true;

    @override
    Widget build(BuildContext context) {
        return Scaffold(
            backgroundColor: const
Color(0xFF1C1B1B),
            body: SafeArea(
                child: SingleChildScrollView(
                    child: Padding(
                        padding: const
EdgeInsets.all(24.0),
                        child: Column(
                            crossAxisAlignment:
CrossAxisAlignment.start,
                            children: [
                                Row(
                                    children: [

```



	IconButton(
	icon: const
	Icon(Icons.arrow_back, color:
	Colors.white),
	onPressed: () =>
Navigator.pop(context),	hintText: 'Full Name',
),	hintStyle: const
const SizedBox(width: 10),	TextStyle(color: Colors.grey),
Image.asset(	filled: true,
	fillColor:
'assets/images/spotify_logo.png',	Colors.grey.withOpacity(0.1),
height: 150,	border: OutlineInputBorder(
),	borderRadius:
],	BorderRadius.circular(12),
),	borderSide:
const SizedBox(height: 32),	BorderSide.none,
const Text(	),
'Register',	),
style: TextStyle(	),
color: Colors.white,	const SizedBox(height: 16),
fontSize: 28,	TextField(
fontWeight: FontWeight.bold,	style: const TextStyle(color:
),	Colors.white),
),	decoration: InputDecoration(
const SizedBox(height: 8),	hintText: 'Enter Email',
Row(	hintStyle: const
children: [	TextStyle(color: Colors.grey),
const Text(	filled: true,
'If You Need Any Support ',	fillColor:
style: TextStyle(color:	Colors.grey.withOpacity(0.1),
Colors.grey),	border: OutlineInputBorder(
),	borderRadius:
TextButton(	BorderRadius.circular(12),
onPressed: () {},	borderSide:
child: const Text(	BorderSide.none,
'Click Here',	),
style: TextStyle(color:	),
Colors.green),	),
),	const SizedBox(height: 16),
),	TextField(
],	obscureText:
),	_obscurePassword,

```

const SizedBox(height: 32),
TextField(
  style: const TextStyle(color:
Colors.white),
  decoration: InputDecoration(
    TextStyle(color: Colors.grey),
    filled: true,
    fillColor:
Colors.grey.withOpacity(0.1),
    border: OutlineInputBorder(
      borderRadius:
BorderRadius.circular(12),
      borderSide:
BorderSide.none,
    ),
    suffixIcon: IconButton(
      icon: Icon(
        _obscurePassword
        ? Icons.visibility_off
        : Icons.visibility,
        color: Colors.grey,
      ),
      onPressed: () {
        setState(() {
          _obscurePassword =
!_obscurePassword;
        });
      },
    ),
  ),
),
const SizedBox(height: 32),
SizedBox(
  width: double.infinity,
  height: 56,
  child: ElevatedButton(
    onPressed: () {
      Navigator.push(
        context,
        MaterialPageRoute(
          builder: (context) =>
const MainScreen()),

```

```

style: const TextStyle(color:
Colors.white),
  decoration: InputDecoration(
    hintText: 'Password',
    hintStyle: const
Color(0xFF42C83C),
    shape:
RoundedRectangleBorder(
      borderRadius:
BorderRadius.circular(30),
    ),
  ),
  child: const Text(
    'Create Account',
    style: TextStyle(
      fontSize: 16,
      fontWeight:
FontWeight.bold,
    ),
  ),
),
const SizedBox(height: 32),
Row(
  mainAxisAlignment:
MainAxisAlignment.center,
  children: [

Image.asset('assets/images/google_logo.png', height: 40),
    const SizedBox(width: 20),

Image.asset('assets/images/apple_logo.png', height: 40),
  ],
),
const SizedBox(height: 32),
Row(
  mainAxisAlignment:
MainAxisAlignment.center,
  children: [
    const Text(

```

```

    );
  },
  style:
ElevatedButton.styleFrom(
    backgroundColor: const
TextButton(
    onPressed: () {
      Navigator.push(
        context,
        MaterialPageRoute(
          builder: (context) =>
const SignInScreen()),
    );
  },
  child: const Text(
    'Sign In',
    style: TextStyle(color:
Colors.white),
  ),
),
),
),
),
),
),
),
),
);
}
}

```

```

        'Do You Have An Account?'
      ),
      style: TextStyle(color:
Colors.grey),
    ),
    Sign in.dart

import 'package:flutter/material.dart';
import 'package:spotify_clone/main.dart';

import 'register.dart';

class SignInScreen extends StatefulWidget
{
  const SignInScreen({Key? key}) :
    super(key: key);

  @override
  State<SignInScreen> createState() =>
    _SignInScreenState();
}

class _SignInScreenState extends
State<SignInScreen> {
  bool _obscurePassword = true;

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      backgroundColor: const
Color(0xFF1C1B1B),
      body: SafeArea(
        child: SingleChildScrollView(
          child: Padding(
            padding: const
EdgeInsets.all(24.0),
            child: Column(
              crossAxisAlignment:
CrossAxisAlignment.start,
              children: [
                Row(
                  children: [

```

```

Navigator.pop(context),
    ),
    const SizedBox(width: 12),
    Image.asset(
'assets/images/spotify_logo.png',
    height: 150,
    ),
  ],
),
const SizedBox(height: 32),
const Text(
'Sign In',
style: TextStyle(
color: Colors.white,
fontSize: 28,
fontWeight: FontWeight.bold,
),
),
const SizedBox(height: 8),
Row(
children: [
const Text(
'If You Need Any Support ',
style: TextStyle(color:
Colors.grey),
),
IconButton(
icon: const
Icon(Icons.arrow_back, color:
Colors.white),
onPressed: () =>
Email',
hintText: 'Enter Username Or
hintStyle: const
TextStyle(color: Colors.grey),
filled: true,
fillColor:
Colors.grey.withOpacity(0.1),
border: OutlineInputBorder(
borderRadius:
BorderRadius.circular(12),
borderSide:
BorderSide.none,
),
),
const SizedBox(height: 16),
TextField(
obscureText:
_obscurePassword,
style: const TextStyle(color:
Colors.white),
decoration: InputDecoration(
hintText: 'Password',
hintStyle: const
TextStyle(color: Colors.grey),
filled: true,
fillColor:
Colors.grey.withOpacity(0.1),
border: OutlineInputBorder(
borderRadius:
BorderRadius.circular(12),
borderSide:
BorderSide.none,
),
suffixIcon: IconButton(
icon: Icon(
_obscurePassword

```

```

        const SizedBox(height: 32),
        TextField(
          style: const TextStyle(color:
Colors.white),
          decoration: InputDecoration(
            setState(() {
              _obscurePassword =
!_obscurePassword;
            });
          ),
        ),
        const SizedBox(height: 16),
        Align(
          alignment:
Alignment.centerRight,
          child: TextButton(
            onPressed: () {},
            child: const Text(
              'Recovery Password',
              style: TextStyle(color:
Colors.grey),
            ),
          ),
        ),
        const SizedBox(height: 32),
        SizedBox(
          width: double.infinity,
          height: 56,
          child: ElevatedButton(
            onPressed: () {
              Navigator.push(
                context,
                MaterialPageRoute(
                  builder: (context) =>
const MainScreen()),
              );
            },
            style:
ElevatedButton.styleFrom(
              backgroundColor: const

```

```

? Icons.visibility_off
: Icons.visibility,
color: Colors.grey,
),
onPressed: () {
},
),
child: const Text(
  'Sign In',
  style: TextStyle(
    fontSize: 16,
    fontWeight:
FontWeight.bold,
  ),
),
),
const SizedBox(height: 16),
const Center(
  child: Text(
    'Or',
    style: TextStyle(color:
Colors.grey),
  ),
),
const SizedBox(height: 16),
Row(
  mainAxisAlignment:
MainAxisAlignment.center,
  children: [
    Image.asset('assets/images/google_logo.pn
g', height: 40),
    const SizedBox(width: 20),
    Image.asset('assets/images/apple_logo.png
', height: 40),
  ],
),
const SizedBox(height: 32),
Row(
  mainAxisAlignment:

```

```

Color(0xFF42C83C),
    shape:
RoundedRectangleBorder(
    borderRadius:
BorderRadius.circular(30),
Colors.grey),
),
  TextButton(
    onPressed: () {
      Navigator.push(
        context,
        MaterialPageRoute(
          builder: (context) =>
const Register()),
      );
    },
    child: const Text(
      'Register Now',
      style: TextStyle(color:
Colors.blue),
    ),
  ),
],
),
],
),
),
),
),
),
);
}
}

```

```

MainAxisAlignment.center,
  children: [
    const Text(
      'Not A Member? ',
      style: TextStyle(color:
Profile_screen.dart
import 'package:flutter/material.dart';

class ProfileScreen extends
StatelessWidget {
  const ProfileScreen({Key? key}) :
super(key: key);

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      backgroundColor: Colors.black,
      body: Column(
        children: [
          const Expanded(flex: 2, child:
_TopPortion()),
          Expanded(
            flex: 3,
            child: Padding(
              padding: const
EdgeInsets.all(16.0),
              child: Column(
                crossAxisAlignment:
CrossAxisAlignment.start,
                children: [
                  Text(
                    "Aryan",
                    style:
Theme.of(context).textTheme.headlineSm
all?.copyWith(
                      color: Colors.white,
                      fontWeight:
FontWeight.bold,
                    ),
                  ),
                  const SizedBox(height: 8),
                  const _ProfileInfoRow(),

```

```

copyWith(
    color: Colors.white,
    fontWeight:
FontWeight.bold,
    ),
    ),
    const SizedBox(height: 16),
    const _PlaylistCard(
        title: "My playlist #3",
        saves: "0 saves",
        imageUrl
    ),
    ),
    ),
    //const _BottomNavBar(),
    ],
    ),
    );
}
}

```

```

class _ProfileInfoRow extends
StatelessWidget {
    const _ProfileInfoRow({Key? key}) :
super(key: key);

    @override
    Widget build(BuildContext context) {
        return Padding(
            padding: const
EdgeInsets.symmetric(vertical: 8.0),
            child: Row(
                children: [
                    Text(
                        "1 follower",
                        style:
Theme.of(context).textTheme.bodyMediu
m?.copyWith(
                            color: Colors.grey,
                        ),
                    ),
                    const Text(" • ", style:

```

```

const SizedBox(height: 24),
Text(
    "Playlists",
    style:
    ),
    );
}
}

class _PlaylistCard extends
StatelessWidget {
    final String title;
    final String saves;
    final String? imageUrl; // New optional
parameter

    const _PlaylistCard({
        Key? key,
        required this.title,
        required this.saves,
        this.imageUrl, // Make it optional
    }) : super(key: key);

    @override
    Widget build(BuildContext context) {
        return Container(
            padding: const EdgeInsets.all(12),
            decoration: BoxDecoration(
                color: Colors.grey[900],
                borderRadius:
BorderRadius.circular(8),
            ),
            child: Row(
                children: [
                    Container(
                        width: 60,
                        height: 60,
                        decoration: BoxDecoration(
                            color: Colors.grey[800],
                            borderRadius:
BorderRadius.circular(4),
                        ),
                        child: imageUrl != null

```

```

TextStyle(color: Colors.grey)),
  Text(
    "19 following",
    style:
Theme.of(context).textTheme.bodyMedium?.copyWith(
  color: Colors.grey,
),
),
: const Icon(Icons.music_note, color:
Colors.white),
),
const SizedBox(width: 12),
Column(
  crossAxisAlignment:
CrossAxisAlignment.start,
  children: [
    Text(
      title,
      style: const TextStyle(
        color: Colors.white,
        fontWeight: FontWeight.bold,
      ),
    ),
    const SizedBox(height: 4),
    Text(
      saves,
      style: TextStyle(color:
Colors.grey[400]),
    ),
  ],
),
],
),
);
}
}

class _TopPortion extends StatelessWidget
{
  const _TopPortion({Key? key}) :
super(key: key);

```

```

? Image.network(imageUrl!, fit:
BoxFit.cover)
end:
Alignment.bottomCenter,
  colors: [Color(0xFF9370DB),
Colors.black],
),
),
),
SafeArea(
  child: Padding(
    padding: const
EdgeInsets.all(16.0),
    child: Column(
      children: [
        Row(
          children: [
            IconButton(
              icon: const
Icon(Icons.arrow_back, color:
Colors.white),
              onPressed: () {
                Navigator.pop(context);
              },
            ),
            const Spacer(),
            IconButton(
              icon: const
Icon(Icons.more_vert, color:
Colors.white),
              onPressed: () {},
            ),
          ],
        ),
        const SizedBox(height: 20),
        Container(
          width: 100,
          height: 100,
          decoration: BoxDecoration(
            color: Colors.purple[200],
            shape: BoxShape.circle,
          ),

```



```

@override
Widget build(BuildContext context) {
  return Stack(
    children: [
      Container(
        decoration: const BoxDecoration(
          gradient: LinearGradient(
            begin: Alignment.topCenter,
            "A",
            style:
Theme.of(context).textTheme.displayLarge?.copyWith(
              color: Colors.black,
              fontWeight:
FontWeight.bold,
            ),
          ),
        ),
      ),
    ],
  ),
);
}

```

```

child: Center(
  child: Text(
    Sign_in_screen.dart
import 'package:flutter/material.dart';
import 'package:spotify_clone/main.dart';

import 'register.dart';

class SignInScreen extends StatefulWidget {
  const SignInScreen({Key? key}) :
    super(key: key);

  @override
  State<SignInScreen> createState() =>
    _SignInScreenState();
}

class _SignInScreenState extends
State<SignInScreen> {
  bool _obscurePassword = true;

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      backgroundColor: const
Color(0xFF1C1B1B),
      body: SafeArea(
        child: SingleChildScrollView(
          child: Padding(
            padding: const
EdgeInsets.all(24.0),
            child: Column(
              crossAxisAlignment:
CrossAxisAlignment.start,
              children: [
                Row(
                  children: [
                    IconButton(
                      icon: const
Icon(Icons.arrow_back, color:
Colors.white),

```

```

        onPressed: () =>
Navigator.pop(context),
        Email',
        hintStyle: const
TextStyle(color: Colors.grey),
        filled: true,
        fillColor:
Colors.grey.withOpacity(0.1),
        border: OutlineInputBorder(
        borderRadius:
BorderRadius.circular(12),
        borderSide:
BorderSide.none,
    ),
    ),
    ),
    const SizedBox(height: 16),
    TextField(
        obscureText:
_obscurePassword,
        style: const TextStyle(color:
Colors.white),
        decoration: InputDecoration(
            hintText: 'Password',
            hintStyle: const
TextStyle(color: Colors.grey),
            filled: true,
            fillColor:
Colors.grey.withOpacity(0.1),
            border: OutlineInputBorder(
                borderRadius:
BorderRadius.circular(12),
                borderSide:
BorderSide.none,
            ),
            suffixIcon: IconButton(
                icon: Icon(
                    _obscurePassword
                    ? Icons.visibility_off
                    : Icons.visibility,
                    color: Colors.grey,
                ),
            ),
        ),
    ),
    ),
    const SizedBox(width: 12),
    Image.asset(
'assets/images/spotify_logo.png',
        height: 150,
    ),
    ],
    ),
    const SizedBox(height: 32),
    const Text(
        'Sign In',
        style: TextStyle(
            color: Colors.white,
            fontSize: 28,
            fontWeight: FontWeight.bold,
        ),
    ),
    ),
    const SizedBox(height: 8),
    Row(
        children: [
            const Text(
                'If You Need Any Support ',
                style: TextStyle(color:
Colors.grey),
            ),
            TextButton(
                onPressed: () {},
                child: const Text(
                    'Click Here',
                    style: TextStyle(color:
Colors.green),
                ),
            ),
        ],
    ),

```

```

    ),
  ],
),
const SizedBox(height: 32),
TextField(
  style: const TextStyle(color:
Colors.white),
  decoration: InputDecoration(
    hintText: 'Enter Username Or
_obscurePassword = !_obscurePassword;
  });
},
),
),
const SizedBox(height: 16),
Align(
  alignment:
Alignment.centerRight,
  child: TextButton(
    onPressed: () {},
    child: const Text(
      'Recovery Password',
      style: TextStyle(color:
Colors.grey),
    ),
  ),
),
const SizedBox(height: 32),
SizedBox(
  width: double.infinity,
  height: 56,
  child: ElevatedButton(
    onPressed: () {
      Navigator.push(
        context,
        MaterialPageRoute(
          builder: (context) =>
const MainScreen(),
        );
      },
    style:

```

```

    onPressed: () {
      setState(() {
        ),
      child: const Text(
        'Sign In',
        style: TextStyle(
          fontSize: 16,
          fontWeight:
FontWeight.bold,
        ),
      ),
    ),
    ),
const SizedBox(height: 16),
const Center(
  child: Text(
    'Or',
    style: TextStyle(color:
Colors.grey),
  ),
),
const SizedBox(height: 16),
Row(
  mainAxisAlignment:
MainAxisAlignment.center,
  children: [

Image.asset('assets/images/google_logo.png', height: 40),
const SizedBox(width: 20),

Image.asset('assets/images/apple_logo.png', height: 40),
],
),
const SizedBox(height: 32),
Row(
  mainAxisAlignment:
MainAxisAlignment.center,
  children: [
    const Text(
      'Not A Member? ',

```

```

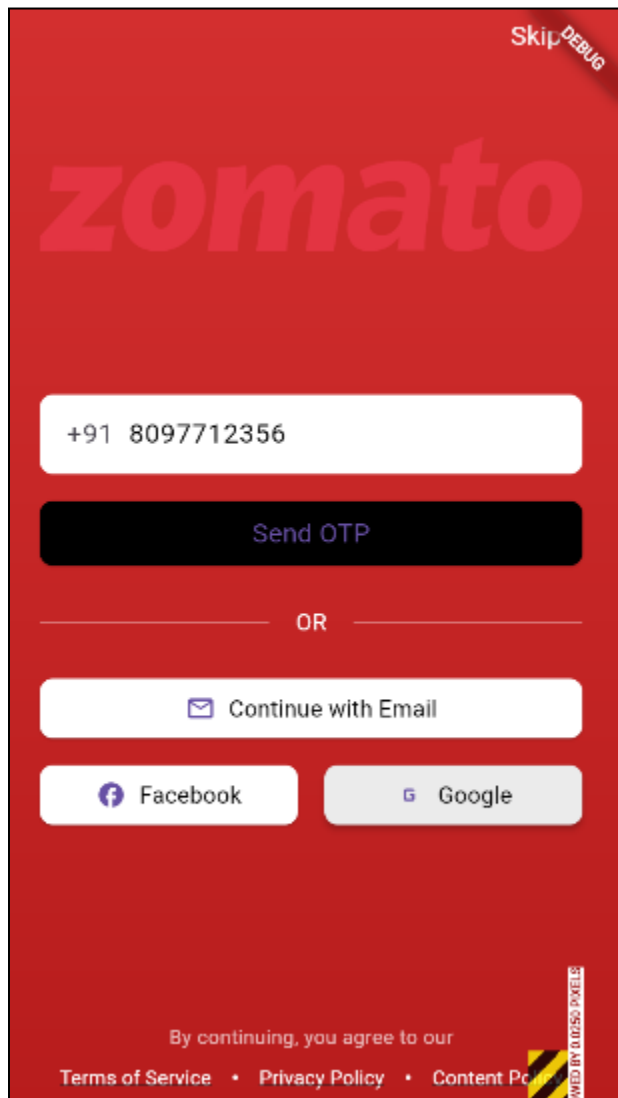
ElevatedButton.styleFrom(
    backgroundColor: const Color(0xFF42C83C),
    shape:
    RoundedRectangleBorder(
        borderRadius:
    BorderRadius.circular(30),
    ),

),

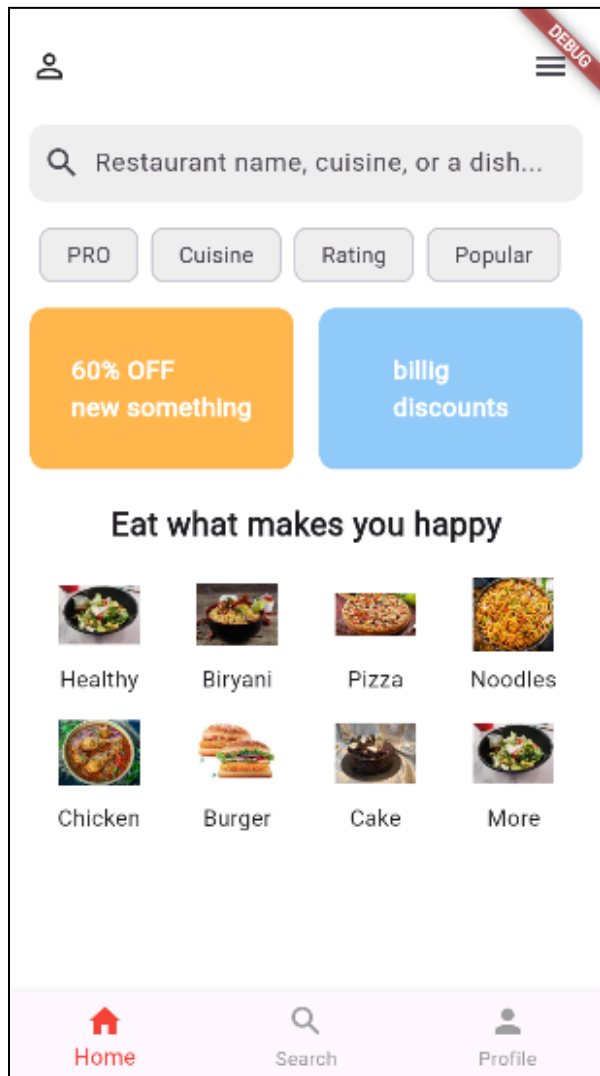
    TextButton(
        onPressed: () {
            Navigator.push(
                context,
                MaterialPageRoute(
                    builder: (context) =>
const Register()),
            );
        },
        child: const Text(
            'Register Now',
            style: TextStyle(color:
Colors.blue),
        ),
    ),
],
),
],
),
),
),
),
),
);
}
}

```

**OUTPUT:**  
**Register.dart**




## Home\_page.dart





← Checkout


DEBUG

Offers


GPay


FPay

Paytm

Card

Delivery Instructions

 Deliver to default location [Change](#)

 **Climate conscious delivery**

Let us be more sustainable by reducing plastic cutlery

Item Total

₹199.00

Delivery Fee

₹35.00

Platform Fee

₹3.00

Grand Total

₹234.00

₹234.00

[View Detailed Bill](#)

Place Order

Search\_page.dart



4.2

DEBUG



## ● Plant Protein Bowl

Add On

- |  |     |
|--|-----|
| <input type="checkbox"/> Veg protein   | ₹40 |
| <input type="checkbox"/> Pepper        | ₹40 |
| <input type="checkbox"/> Extra Veggies | ₹40 |
| <input type="checkbox"/> Mushrooms     | ₹40 |
| <input type="checkbox"/> Corn          | ₹40 |
| <input type="checkbox"/> Chilli Powder | ₹40 |

Choose Your Protein

-  +

Add ₹199