EXPERIMENT NO: - 02

AIM: To design Flutter UI by including common widgets.

Theory: -

Each element on the screen of the Flutter app is a widget. The view of the screen completely depends upon the choice and sequence of the widgets used to build the apps. And the structure of the code of apps is a tree of widgets.

When you made any alteration in the code, the widget rebuilds its description by calculating the difference of previous and current widget to determine the minimal changes for rendering in UI of the app. Widgets are nested with each other to build the app. It means the root of your app is itself a widget, and all the way down is a widget also. For example, a widget can display something, can define design, can handle interaction, etc.

The single child layout widget is a type of widget, which can have only one child widget inside the parent layout widget. These widgets can also contain special layout functionality. Flutter provides us many single child widgets to make the app UI attractive. If we use these widgets appropriately, it can save our time and makes the app code more readable.

The multiple child widgets are a type of widget, which contains more than one child widget, and the layout of these widgets are unique. For example, row widget laying out of its child widget in a horizontal direction, and Column widget laying out of its child widget in a vertical direction. If we combine the Row and Column widget, then it can build any level of the complex widget.

Type of Widgets

StatefulWidget

A StatefulWidget has state information. It contains mainly two classes: the state object and the widget. It is dynamic because it can change the inner data during the widget lifetime. This widget does not have a build() method. It has createState() method, which returns a class that extends the Flutters State Class. The examples of the StatefulWidget are Checkbox, Radio, Slider, InkWell, Form, and TextField.

StatelessWidget

The StatelessWidget does not have any state information. It remains static throughout its lifecycle. The examples of the StatelessWidget are Text, Row, Column, Container, etc.

Some of the commonly used widgets

- Container A box widget used for styling with padding, margins, colors, borders, and constraints. It helps in layout structuring and positioning.
- Row & Column Used to arrange widgets in horizontal (Row) or vertical (Column) orientation.
 They manage spacing, alignment, and distribution of child widgets.
- Stack Overlaps widgets on top of each other, useful for creating layered UIs like banners, tooltips, or floating elements.
- Text Displays text on the screen with customizable font size, color, alignment, and styling options
 Image Loads and displays images from assets, network, or memory with scaling, fit, properties.
- Scaffold Provides a basic layout structure with an app bar, body, floating action button, and bottom navigation.
- ListView A scrollable list widget that efficiently renders large amounts of dynamic content.
 Supports both vertical and horizontal scrolling.
- GridView Displays widgets in a grid format, useful for galleries, product listings, or dashboards. It supports dynamic column adjustments.
- SizedBox Used to create space between widgets or define fixed width and height for layout adjustments.
- ElevatedButton A button with elevation that provides a raised effect, customizable with color, shape, and click actions.
- TextField A user input field that supports text entry, keyboard configurations, validation.
- AppBar A top navigation bar that includes a title, actions, and menu icons, commonly used in Scaffold.
- BottomNavigationBar A bar at the bottom of the screen used for navigation between different app sections with icons and labels.
- Drawer A side navigation panel that slides out from the left, typically used for app menus and quick navigation.
- Card A material design component that displays content inside a box with elevation.

1. Signin_page.dart

```
import 'package:flutter/material.dart';
                                                                       "Sign in",
                                                                       style: TextStyle(fontSize: 24,
                                                             fontWeight: FontWeight.bold),
class SignInPage extends StatefulWidget {
 const SignInPage({super.key});
 @override
                                                                      SizedBox(height: 40),
 _SignInPageState createState() =>
_SignInPageState();
                                                                      TextField(
                                                                       decoration: InputDecoration(
                                                                        labelText: "Email",
                                                                        prefixIcon: Icon(Icons.email,
class _SignInPageState extends
State<SignInPage> {
                                                             color: Colors.blue),
 bool obscurePassword = true;
                                                                        border:
                                                             OutlineInputBorder(borderRadius:
 @override
                                                             BorderRadius.circular(10)),
 Widget build(BuildContext context) {
  return Scaffold(
   body: SingleChildScrollView(
     child: Padding(
                                                                      SizedBox(height: 15),
      padding: const
EdgeInsets.symmetric(horizontal: 24.0,
                                                                      TextField(
vertical: 50),
                                                                       obscureText: _obscurePassword,
                                                                       decoration: InputDecoration(
      child: Column(
       crossAxisAlignment:
                                                                        labelText: "Password",
                                                                        prefixIcon: Icon(Icons.lock, color:
CrossAxisAlignment.center,
       children: [
                                                             Colors.blue),
        SizedBox(height: 100),
                                                                        suffixIcon: IconButton(
                                                                          icon: Icon(
        // LinkedIn Logo
                                                                           _obscurePassword?
        Row(
                                                             lcons.visibility_off : lcons.visibility,
          mainAxisAlignment:
                                                                           color: Colors.grey,
MainAxisAlignment.center,
                                                                          ),
         children: [
                                                                          onPressed: () {
           Text(
                                                                           setState(() {
            "Linked",
                                                                            _obscurePassword =
            style: TextStyle(fontSize: 32,
                                                             ! obscurePassword;
fontWeight: FontWeight.bold, color:
                                                                           });
Colors.blue),
                                                                          },
           Container(
                                                                         border:
            color: Colors.blue,
                                                             OutlineInputBorder(borderRadius:
                                                             BorderRadius.circular(10)),
            padding:
EdgeInsets.symmetric(horizontal: 4, vertical:
                                                                       ),
2),
                                                                      ),
            child: Text(
                                                                      SizedBox(height: 10),
              "in",
             style: TextStyle(fontSize: 32,
fontWeight: FontWeight.bold, color:
Colors.white),
                                                              Align(
                                                                       alignment: Alignment.centerRight,
                                                                       child: InkWell(
SizedBox(height: 50),
                                                                        onTap: () {},
                                                                         child: Text(
```

Text(

"Forgot password?",

```
style: TextStyle(color:
Colors.blue, fontSize: 14),
                                                                      SizedBox(height: 20),
          ),
         ),
                                                                      Row(
                                                                       mainAxisAlignment:
                                                             MainAxisAlignment.center,
        SizedBox(height: 25),
                                                                       children: [
                                                                         Text("Not yet Signed in?", style:
                                                             TextStyle(fontSize: 16, color: Colors.grey)),
        SizedBox(
          width: double.infinity,
                                                                         SizedBox(width: 5),
          height: 50,
                                                                         InkWell(
          child: ElevatedButton(
                                                                          onTap: () {
           style: ElevatedButton.styleFrom(
            backgroundColor: Colors.blue,
                                                             Navigator. of(context).pushNamed('/signup');
            shape:
RoundedRectangleBorder(borderRadius:
                                                                          child: Text("Join LinkedIn",
BorderRadius.circular(8)),
                                                             style: TextStyle(fontSize: 16, color:
                                                             Colors.blue, fontWeight: FontWeight.bold)),
           ),
           onPressed: () {
Navigator.of(context).pushReplacementNam
ed('/home');
           child: Text("Sign in", style:
TextStyle(fontSize: 18, color: Colors.white)),
        SizedBox(height: 20),
        Row(
         children: [
           Expanded(child:
Divider(thickness: 1)),
           Padding(
            padding:
EdgeInsets.symmetric(horizontal: 10),
            child: Text("or", style:
TextStyle(fontSize: 16, color: Colors.grey)),
           Expanded(child:
Divider(thickness: 1)),
         ],
```

```
import 'package:flutter/material.dart';
                                                            AssetImage('assets/sannidhi illusions.jpg'),
        import
                                                                     ),
        'package:linkedin/create_post_page.dart';
                                                                    ),
        import 'package:linkedin/network page.dart';
                                                                    SizedBox(width: 10),
                                                                    Expanded(
        'package:linkedin/notifications_page.dart';
                                                                     child: TextField(
        import 'package:linkedin/job page.dart';
                                                                      decoration: InputDecoration(
        import 'package:linkedin/profile_page.dart';
                                                                        hintText: 'Search',
                                                                        prefixIcon: Icon(Icons.search),
                                                                        contentPadding:
        void main() {
                                                             EdgeInsets.symmetric(vertical: 5),
         runApp(HomePage());
                                                                        border: OutlineInputBorder(
                                                                         borderRadius:
                                                             BorderRadius.circular(15).
                                                                         borderSide: BorderSide.none,
        class HomePage extends StatelessWidget {
         @override
         Widget build(BuildContext context) {
                                                                       filled: true.
          return MaterialApp(
                                                                        fillColor: Colors.white.withOpacity(0.1),
           debugShowCheckedModeBanner: false,
           home: HomeScreen(),
          );
         }
                                                                  backgroundColor: Colors.blue,
        class HomeScreen extends StatefulWidget {
                                                                 elevation: 0.
         @override
                                                                 actions: [
          HomeScreenState createState() =>
                                                                   IconButton(
        _HomeScreenState();
                                                                    icon: lcon(lcons.chat_bubble_outline),
                                                                    onPressed: () {},
                                                                  ),
        class _HomeScreenState extends
                                                                 ],
        State<HomeScreen> {
         int currentIndex = 0;
                                                                drawer: Drawer(
         final GlobalKey<ScaffoldState>
                                                                 child: ListView(
        scaffoldKey = GlobalKey<ScaffoldState>();
                                                                   padding: EdgeInsets.zero,
                                                                   children: [
         final List<Widget> screens = [
                                                                    DrawerHeader(
          HomeContent(),
                                                                     decoration: BoxDecoration(
          NetworkPage(),
                                                                      color: Colors.blue,
          CreatePostPage(),
          NotificationPage(),
                                                                     child: Column(
          JobPage(),
                                                                      crossAxisAlignment:
                                                             CrossAxisAlignment.start,
         ];
                                                                      children: [
                                                                       CircleAvatar(
         @override
         Widget build(BuildContext context) {
                                                                         radius: 30.
          return Scaffold(
                                                                         backgroundImage:
           key: _scaffoldKey,
           appBar: AppBar(
                                                                    AssetImage('assets/sannidhi illusions.jpg'),
             title: Row(
                                                                                ),
              children: [
               GestureDetector(
                 onTap: () {
      scaffoldKey.currentState?.openDrawer();
                                                                    SizedBox(height: 10),
        },
                                                                                Text('Sannidhi Kailaje', style:
                                                                    TextStyle(color: Colors.white, fontSize: 18.
child: CircleAvatar(
                                                                    fontWeight: FontWeight.bold)),
                                                                               Text('Software Engineer', style:
          radius: 18,
                                                                    TextStyle(color: Colors.white70)),
          backgroundImage:
```

```
// Home Feed Content
                                                            class HomeContent extends
                                                            StatelessWidget {
       ListTile(
                                                             @override
        leading: Icon(Icons.person),
                                                             Widget build(BuildContext context) {
        title: Text('Profile'),
                                                              return ListView(
        onTap: () {
                                                                children: [
         Navigator.push(
                                                                 PostCard(
           context,
                                                                  name: 'Doug Stevenson',
           MaterialPageRoute(builder:
                                                                  profession: 'MERN-STACK
(context) => ProfilePage()),
                                                            Developer, REST APIs',
                                                                  content: "Look at this JavaScript code
         );
                                                            I don't believe it, what kind of people are
        },
                                                            living in this world haha",
                                                                  hashtags: "#javascript #mernstackdev
       ListTile(
        leading: Icon(Icons.settings),
                                                            #development #developers #html #css
        title: Text('Settings'),
                                                            #laravel".
        onTap: () {},
                                                                  imageUrl:
                                                            'https://images.unsplash.com/photo-
       ),
       ListTile(
                                                            1610832958506-
        leading: Icon(Icons.logout),
                                                            aa56368176cf?w=600&auto=format&fit=cro
        title: Text('Logout'),
                                                            p&q=60&ixlib=rb-
        onTap: () {},
                                                            4.0.3&ixid=M3wxMjA3fDB8MHxzZWFyY2h8
                                                            M3x8ZnJ1aXRzfGVufDB8fDB8fHww',
                                                                  likes: '10',
                                                                  comments: '44',
                                                                  reposts: '11',
   body: screens[currentIndex],
   bottomNavigationBar:
                                                                 Divider(),
BottomNavigationBar(
                                                                 PostCard(
     type: BottomNavigationBarType.fixed,
                                                                  name: 'Doug Stevenson',
     currentIndex: currentIndex,
                                                                  profession: 'MERN-STACK
     onTap: (index) {
                                                            Developer, REST APIs',
      setState(() {
                                                                  content: "Look at this JavaScript code
       currentIndex = index;
                                                            I don't believe it, what kind of people are
      });
                                                            living in this world haha",
                                                                  hashtags: "#javascript #mernstackdev
                                                            #development #developers #html #css
     items: [
      BottomNavigationBarItem(icon:
                                                            #laravel",
Icon(Icons.home), label: 'Home'),
                                                                  imageUrl:
      BottomNavigationBarItem(icon:
                                                            'https://images.unsplash.com/photo-
lcon(lcons.group), label: 'Network'),
                                                            1610832958506-
      BottomNavigationBarItem(icon:
                                                            aa56368176cf?w=600&auto=format&fit=cro
Icon(Icons.add box), label: 'Post'),
                                                            p&q=60&ixlib=rb-
      BottomNavigationBarItem(icon:
                                                            4.0.3&ixid=M3wxMjA3fDB8MHxzZWFyY2h8
Icon(Icons. notifications), label:
                                                            M3x8ZnJ1aXRzfGVufDB8fDB8fHww',
'Notifications'),
                                                                  likes: '10',
      BottomNavigationBarItem(icon:
                                                                  comments: '44',
                                                                  reposts: '11',
                                                                 ),
                                                             Divider(),
                                                                 PostCard(
Icon(Icons.work), label: 'Jobs'),
                                                                  name: 'Doug Stevenson',
                                                                  profession: 'MERN-STACK
                                                            Developer, REST APIs',
                                                                  content: "Look at this JavaScript code
                                                            I don't believe it, what kind of people are
                                                            living in this world haha",
```

```
hashtags: "#javascript #mernstackdev
                                                             class PostCard extends StatelessWidget {
#development #developers #html #css
                                                              final String name;
                                                              final String profession;
#laravel",
                                                              final String content;
      imageUrl:
                                                              final String hashtags;
'https://images.unsplash.com/photo-
1610832958506-
                                                              final String imageUrl;
aa56368176cf?w=600&auto=format&fit=cro
                                                              final String likes;
p&q=60&ixlib=rb-
                                                              final String comments;
4.0.3&ixid=M3wxMjA3fDB8MHxzZWFyY2h8
                                                              final String reposts;
M3x8ZnJ1aXRzfGVufDB8fDB8fHww',
      likes: '10',
                                                              PostCard({
                                                                required this.name,
      comments: '44',
                                                                required this profession.
      reposts: '11',
                                                                required this.content,
    ),
                                                                required this.hashtags,
   ],
                                                                required this.imageUrl,
  );
                                                                required this.likes,
                                                                required this.comments,
                                                                required this.reposts,
                                                              });
// Placeholder Screens
class NetworkScreen extends
                                                              @override
StatelessWidget {
                                                              Widget build(BuildContext context) {
                                                                return Card(
 @override
 Widget build(BuildContext context) {
                                                                 margin: EdgeInsets.all(10),
  return Center(child: Text("Network
                                                                 child: Column(
Screen", style: TextStyle(fontSize: 20)));
                                                                  crossAxisAlignment:
                                                             CrossAxisAlignment.start,
}
}
                                                                  children: [
                                                                   ListTile(
class PostScreen extends StatelessWidget {
                                                                    leading: CircleAvatar(
 @override
                                                                      backgroundImage:
 Widget build(BuildContext context) {
                                                             NetworkImage('https://via.placeholder.com/5
  return Center(child: Text("Create a Post",
                                                             0'),
style: TextStyle(fontSize: 20)));
}
                                                                    title: Text(name, style:
}
                                                             TextStyle(fontWeight: FontWeight.bold)),
                                                                    subtitle: Text(profession),
class NotificationsScreen extends
                                                                    trailing: Icon(Icons.more_vert),
StatelessWidget {
                                                                   Padding(
 @override
 Widget build(BuildContext context) {
                                                                    padding: EdgeInsets.all(8.0),
  return Center(child: Text("Notifications",
                                                                    child: Text(content),
style: TextStyle(fontSize: 20)));
                                                                   Padding(
 }
}
                                                                    padding:
                                                             EdgeInsets.symmetric(horizontal: 8.0),
class JobsScreen extends StatelessWidget {
                                                                     child: Text(
 @override
                                                                      hashtags,
 Widget build(BuildContext context) {
                                                                      style: TextStyle(color: Colors.blue),
  return Center(child: Text("Jobs Listings",
style: TextStyle(fontSize: 20)));
                                                                   Image.network(imageUrl, fit:
 }
                                                             BoxFit.cover),
}
                                                                   Padding(
// Post Card Component
                                                                    padding: EdgeInsets.all(8.0).
```

```
child: Row(
        mainAxisAlignment:
MainAxisAlignment.spaceBetween,
        children: [
          Row(
           children: [
            lcon(lcons.thumb_up_alt, color:
Colors.blue),
            Icon(Icons.favorite, color:
Colors.red),
            Icon(Icons. lightbulb, color:
Colors.yellow),
            SizedBox(width: 5),
            Text(likes),
           ],
         ),
Text('$comments comments -
$reposts reposts'),
        ],
       ),
      Divider(),
      Padding(
       padding:
EdgeInsets.symmetric(horizontal: 8.0),
       child: Row(
        mainAxisAlignment:
MainAxisAlignment.spaceAround,
        children: [
          IconButton(icon:
lcon(lcons.thumb_up_alt_outlined),
onPressed: () {}),
          IconButton(icon:
lcon(lcons.chat_bubble_outline), onPressed:
() \{\}),
          IconButton(icon:
lcon(lcons.repeat), onPressed: () {}),
         IconButton(icon: Icon(Icons.send),
onPressed: () {}),
        ],
```

3. Profile_page.dart

import 'package:flutter/material.dart';	Positioned(
import	right: 10,
'package:linkedin/edit_experience_page.dart';	top: 10,
import	child: ElevatedButton.icon(
'package:linkedin/edit_education_page.dart';	onPressed: () {},
import 'package:linkedin/edit_skill_page.dart';	style:
import	ElevatedButton.styleFrom(
'package:linkedin/edit_profile_page.dart';	backgroundColor:
	_
class ProfilePage extends StatefulWidget {	Colors.orange[600],
@override	shape: RoundedRectangleBorder(
_ProfilePageState createState() =>	borderRadius:
_ProfilePageState();	
	BorderRadius.circular(20),
,),
class _ProfilePageState extends), ;(l
State <profilepage> {</profilepage>	icon: lcon(lcons. <i>camera_alt</i> ,
String selectedTab = "Posts"; // Default	color: Colors. white, size: 18),
selected tab	label: Text("Add cover image",
oolootod tab	style: TextStyle(color:
@override	Colors.white, fontSize: 12)),
Widget build(BuildContext context) {),
return Scaffold(),
backgroundColor: Colors.white,	Positioned(
appBar: AppBar(left: 40,
backgroundColor: Colors.white,	top: 100,
elevation: 0,	child: CircleAvatar(
title: Text(radius: 50,
"Sannidhi Kailaje",	backgroundColor: Colors.white,
style: TextStyle(color: Colors. <i>black</i> ,	child: CircleAvatar(
fontWeight: FontWeight. <i>bold</i>),	radius: 47,
	backgroundImage:
iconTheme: IconThemeData(color:	AssetImage('assets/sannidhi_illusions.jpg'),
Colors.black),),
\),
body: SafeArea(_),
child: SingleChildScrollView(,],
child: Column(),
crossAxisAlignment:	2
CrossAxisAlignment.start,	SizedBox(height: 50),
children:	//
// Cover Image Section	// Profile Info
Stack(Padding(
clipBehavior: Clip.none,	padding: const
children: [EdgeInsets.symmetric(horizontal: 20),
Container(child: Column(
height: 150,	crossAxisAlignment:
width: double. <i>infinity</i> ,	CrossAxisAlignment.start,
decoration: BoxDecoration(color:	children: [
Colors. blue[300]),	// Name and Edit Icon in a Row
,	Row(
),	mainAxisAlignment:

```
child: Text("Open to", style: TextStyle(color:
MainAxisAlignment.spaceBetween, //
Ensures proper spacing
                                                               Colors.white)).
             children: [
               Text(
                                                                              SizedBox(width: 10),
                "Sannidhi Kailaje",
                                                                              OutlinedButton(
                style: TextStyle(fontSize: 22,
                                                                               onPressed: () {},
fontWeight: FontWeight.bold),
                                                                               style:
                                                               OutlinedButton.styleFrom(
               IconButton(
                                                                                shape:
                icon: lcon(lcons.edit, color:
                                                               RoundedRectangleBorder(
Colors.blue, size: 20),
                                                                                 borderRadius:
                onPressed: () {
                                                               BorderRadius.circular(20),
                 Navigator.push(
                  context.
                                                                                side: BorderSide(color:
                                                               Colors.blue),
MaterialPageRoute(builder: (context) =>
EditProfilePage()),
                                                                               child: Text("Add section",
                                                               style: TextStyle(color: Colors.blue)),
                                                                           SizedBox(height: 10),
                                                                           Divider(),
            Text(
              "Student at Vivekanand
                                                                          ],
Education Society's Institute of Technology",
             style: TextStyle(fontSize: 16,
color: Colors.grey[700]),
            SizedBox(height: 5),
                                                                        // Analytics Section
                                                                        Padding(
             "QuestIT Cell • Vivekanand
                                                                         padding: const
Education Society's Institute Of Technology",
                                                               EdgeInsets.symmetric(horizontal: 20),
             style: TextStyle(fontSize: 14,
                                                                         child: Column(
                                                                          crossAxisAlignment:
color: Colors.grey[700]),
                                                               CrossAxisAlignment.start,
            ),
            Text(
                                                                          children: [
             "Mumbai, Maharashtra, India",
                                                                           Text("Analytics",
             style: TextStyle(fontSize: 14,
                                                                              style: TextStyle(fontSize: 18,
color: Colors.grey[700]),
                                                               fontWeight: FontWeight.bold)),
                                                                           Text("Private to you",
            SizedBox(height: 10),
                                                                              style: TextStyle(fontSize: 14,
                                                               color: Colors.grey)),
            // Buttons Section
                                                                           SizedBox(height: 10),
            Row(
             children: [
                                                                           _analyticsItem(Icons.visibility,
              ElevatedButton(
                                                               "102 profile views",
                                                                              "Discover who's viewed your
                onPressed: () {},
                style:
                                                               profile."),
ElevatedButton.styleFrom(
                                                                           analyticsItem(Icons.bar chart,
                 backgroundColor:
                                                               "62 post impressions",
Colors.blue[700],
                                                                              "Check out who's engaging
                 shape:
                                                               with your posts."),
RoundedRectangleBorder(
                                                                           _analyticsItem(Icons.search, "8
                  borderRadius:
                                                               search appearances",
BorderRadius.circular(20),
                                                                              "See how often you appear in
                                                               search results."),
                 ),
                ),
```

```
SizedBox(height: 10),
                                                               ElevatedButton.styleFrom(
            Divider(),
                                                                                backgroundColor:
                                                               Colors.white.
           ],
         ),
                                                                                foregroundColor:
        ),
                                                               Colors.blue,
                                                                                padding:
        // Show all analytics button
                                                               EdgeInsets.symmetric(horizontal: 10, vertical:
        Padding(
          padding: const
                                                                                textStyle:
EdgeInsets.symmetric(horizontal: 20),
                                                                                TextStyle(fontSize: 14,
         child: TextButton(
                                                               fontWeight: FontWeight.bold),
           onPressed: () {},
           child: Row(
            mainAxisAlignment:
MainAxisAlignment.center,
            children: [
                                                                           Text("233 followers",
             Text(
                                                                              style: TextStyle(fontSize: 14,
               "Show all analytics",
              style: TextStyle(
                                                               color: Colors.blue)),
                fontSize: 14,
                                                                            SizedBox(height: 10),
                color: Colors.blue,
                fontWeight: FontWeight.bold,
                                                                           // Activity Tabs
                                                                            Row(
                                                                             mainAxisAlignment:
             SizedBox(width: 5),
                                                               MainAxisAlignment.start,
             lcon(lcons.arrow_forward,
                                                                             children: ["Posts", "Comments",
color: Colors.blue, size: 16),
                                                               "Images"].map((tab) {
                                                                              return ActivityTab(
                                                                               label: tab,
                                                                               isSelected: selectedTab ==
                                                               tab,
                                                                               onTap: () {
                                                                                setState(() {
        SizedBox(width: 5),
                                                                                  selectedTab = tab;
        Divider(),
                                                                                });
        // Activity Section
                                                                               },
        Padding(
          padding: const
                                                                             }).toList(),
EdgeInsets.all(20.0),
          child: Column(
                                                                            SizedBox(height: 10),
           crossAxisAlignment:
CrossAxisAlignment.start,
                                                                           // Activity Feed
                                                                            Column(
           children: [
            Row(
                                                                             children: [
             mainAxisAlignment:
                                                                              ActivityPostCard(),
MainAxisAlignment.spaceBetween,
                                                                             ],
             children: [
               Text(
                "Activity",
                style: TextStyle(fontSize: 20,
fontWeight: FontWeight.bold),
                                                                        Divider(),
                                                                        // Experience Section
               ElevatedButton.icon(
                                                                        // Experience Section
                onPressed: () {},
                                                                        Padding(
                icon: Icon(Icons.add, size:
                                                                         padding: const
18, color: Colors.blue),
                label: Text("Create Post"),
                style:
```

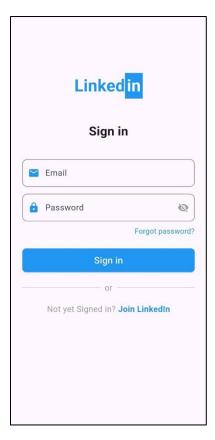
```
// Education Section
EdgeInsets.symmetric(horizontal: 20),
         child: Row(
                                                                       Padding(
           mainAxisAlignment:
                                                                        padding: const
MainAxisAlignment.spaceBetween,
                                                              EdgeInsets.symmetric(horizontal: 20),
           children: [
                                                                        child: Row(
                                                                         mainAxisAlignment:
            Text(
                                                              MainAxisAlignment.spaceBetween,
             "Experience",
             style: TextStyle(fontSize: 20,
                                                                         children: [
fontWeight: FontWeight.bold),
                                                                          Text(
                                                                           "Education",
            Row(
                                                                           style: TextStyle(fontSize: 20,
             children: [
                                                              fontWeight: FontWeight.bold),
              IconButton(
               icon: Icon(Icons.add, color:
                                                                          Row(
                                                                           children: [
Colors.blue),
                onPressed: () {
                                                                             IconButton(
                 Navigator.push(
                                                                              icon: lcon(lcons.add, color:
                  context,
                                                              Colors.blue),
                                                                              onPressed: () {
MaterialPageRoute(builder: (context) =>
                                                                               Navigator.push(
EditExperiencePage()),
                                                                                context,
                 );
                                                              MaterialPageRoute(builder: (context) =>
                                                              EditEducationPage()),
              IconButton(
                                                                               );
               icon: lcon(lcons.edit, color:
                                                                              },
Colors.blue),
                onPressed: () {
                                                                             IconButton(
                 Navigator.push(
                                                                              icon: Icon(Icons.edit, color:
                  context,
                                                              Colors.blue),
                                                                              onPressed: () {
MaterialPageRoute(builder: (context) =>
                                                                               Navigator.push(
EditExperiencePage()),
                                                                                context,
                                                              MaterialPageRoute(builder: (context) =>
                                                              EditEducationPage()),
        ExperienceList(), // Displays
Experience details
        Divider(),
                                                                       EducationList(), // Displays
                                                              Education details
// Education Section
                                                                       Divider(),
```

```
// Skills Section
                                                                Divider(),
        Padding(
         padding: const
EdgeInsets.symmetric(horizontal: 20),
         child: Row(
           mainAxisAlignment:
MainAxisAlignment.spaceBetween,
           children: [
            Text(
                                                                 // Analytics Item Widget
                                                                 Widget analyticsItem(IconData icon, String
             "Skills".
             style: TextStyle(fontSize: 20,
                                                               title, String subtitle) {
fontWeight: FontWeight.bold),
                                                                  return Padding(
                                                                   padding: const
            Row(
                                                                EdgeInsets.symmetric(vertical: 8),
             children: [
                                                                   child: Row(
              IconButton(
                                                                     children: [
                icon: Icon(Icons.add, color:
                                                                      Icon(icon, size: 30, color:
Colors.blue),
                                                               Colors.blue[700]),
                onPressed: () {
                                                                      SizedBox(width: 10),
                 Navigator.push(
                                                                      Column(
                                                                       crossAxisAlignment:
                  context,
                                                               CrossAxisAlignment.start,
MaterialPageRoute(builder: (context) =>
                                                                       children: [
                                                                        Text(title, style: TextStyle(fontSize:
EditSkillsPage()),
                                                                16, fontWeight: FontWeight.bold)),
                 );
                                                                         Text(subtitle, style:
                                                               TextStyle(fontSize: 14, color:
               IconButton(
                                                               Colors.grey[600])),
                icon: Icon(Icons.edit, color:
Colors.blue),
                onPressed: () {
                 Navigator.push(
                  context,
MaterialPageRoute(builder: (context) =>
EditSkillsPage()),
                                                               // Activity Tab Widget
                                                               class ActivityTab extends StatelessWidget {
                                                                 final String label;
                                                                 final bool isSelected;
                                                                 final VoidCallback onTap;
                                                                 ActivityTab({required this.label, required
                                                                this.isSelected, required this.onTap});
        SkillsList(), // Skills Details Widget
        TextButton(
                                                                 @override
         onPressed: () {
                                                                 Widget build(BuildContext context) {
                                                                  return GestureDetector(
           // Navigate to a full skills list page
                                                                   onTap: onTap,
if needed
                                                                   child: Container(
         child: Text("Show all 12 skills →",
                                                                     padding:
                                                                EdgeInsets.symmetric(horizontal: 20, vertical:
style: TextStyle(color: Colors.blue)),
        ),
                                                                10),
                                                                     margin: EdgeInsets.only(right: 10),
                                                                     decoration: BoxDecoration(
                                                                      border: Border.all(color: Colors.black),
                                                                      borderRadius:
```

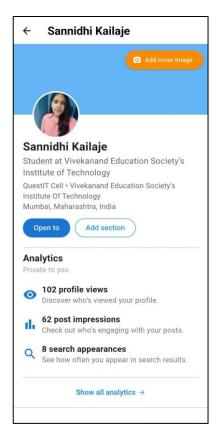
```
SizedBox(height: 10),
                                                                     Image.asset("assets/internship.jpg"),
BorderRadius.circular(20),
      color: isSelected?
                                                                  ),
Colors. black. with Opacity (0.2):
                                                                 );
Colors.transparent,
    child: Text(label, style: TextStyle(color:
Colors.black)),
                                                               // Experience Card Widget
   ),
                                                               class ExperienceList extends
  );
                                                               StatelessWidget {
                                                                @override
                                                                Widget build(BuildContext context) {
                                                                  return Padding(
// Activity Post Card Widget
                                                                   padding: const
class ActivityPostCard extends
                                                               EdgeInsets.symmetric(horizontal: 20),
StatelessWidget {
                                                                   child: Column(
 @override
                                                                    crossAxisAlignment:
 Widget build(BuildContext context) {
                                                               CrossAxisAlignment.start,
  return Container(
                                                                    children: [
   margin: EdgeInsets.symmetric(vertical:
                                                                     ListTile(
                                                                      leading: lcon(lcons.work, color:
   padding: EdgeInsets.all(10),
                                                               Colors.blue),
   decoration: BoxDecoration(
                                                                      title: Text("Frontend Developer
    borderRadius:
                                                               Intern"),
BorderRadius.circular(10),
                                                                      subtitle: Text("Palcoa Solutions • June
    color: Colors.white,
                                                               2024 - Sep 2024"),
    boxShadow: [
                                                                     ),
      BoxShadow(color:
                                                                     ListTile(
Colors. grey. with Opacity (0.2), spread Radius:
                                                                      leading: lcon(lcons.work, color:
2, blurRadius: 5),
                                                               Colors.blue),
    ],
                                                                      title: Text("Aesthetics Head"),
   ),
                                                                      subtitle: Text("Illusions Event • Oct
   child: Column(
                                                               2024 - Present"),
    crossAxisAlignment:
                                                                     ),
CrossAxisAlignment.start,
                                                                    ],
    children: [
      ListTile(
       leading:
CircleAvatar(backgroundImage:
AssetImage('assets/sannidhi illusions.jpg')),
       title: Text("Sannidhi Kailaje", style:
TextStyle(fontWeight: FontWeight.bold)),
                                                               // Education Card Widget
       subtitle: Text("Student at Vivekanand
                                                               class EducationList extends StatelessWidget
Education Society's ...",
          style: TextStyle(fontSize: 12, color:
                                                                @override
Colors.grey)),
                                                                Widget build(BuildContext context) {
                                                                  return Padding(
      SizedBox(height: 5),
                                                                   padding: const
                                                               EdgeInsets.symmetric(horizontal: 20),
       "Excited to Share My Learning
                                                                   child: Column(
Journey! 🚀 \nThrilled to have successfully
                                                                    crossAxisAlignment:
completed my Industrial-Based Mini Project
                                                               CrossAxisAlignment.start,
at Palcoa...",
       style: TextStyle(fontSize: 14),
      ).
```

```
final List<String> skills = ["Front-End
children: [
                                                                 Development", "UIX"];
      ListTile(
       leading: lcon(lcons.school, color:
                                                                  @override
Colors.blue),
                                                                  Widget build(BuildContext context) {
       title: Text("Vivekanand Education
Society's Institute of Technology"),
                                                                   return Padding(
       subtitle: Text("B.Tech in Information
                                                                    padding: const
Technology • 2022 - 2026"),
                                                                 EdgeInsets.symmetric(horizontal: 20),
                                                                    child: Column(
      ListTile(
                                                                      crossAxisAlignment:
       leading: Icon(Icons.school, color:
                                                                CrossAxisAlignment.start,
                                                                      children: skills.map((skill) {
Colors.blue),
       title: Text("XYZ High School"),
                                                                       return Padding(
       subtitle: Text("Class 12 • 2020 -
                                                                        padding: const
                                                                 EdgeInsets.symmetric(vertical: 5),
2022"),
                                                                        child: Text(skill, style:
                                                                TextStyle(fontSize: 16)),
                                                                       );
                                                                     }).toList(),
                                                                    ),
                                                                   );
class SkillsList extends StatelessWidget {
```

OUTPUT:







SignIn page Home page Profile page

