Aim: To design flutter ui using common widgets

Code:
Home_page.dart
```
import 'package:flutter/material.dart';
import '../widgets/stories_widget.dart';
import '../widgets/news_feed_widget.dart';
import '../widgets/bottom_nav_widget.dart';

class HomePage extends StatelessWidget {
  const HomePage({super.key});

  @override
  Widget build(BuildContext context) {
    // List of image URLs for the stories
    final List<String> imageUrls = [
      'images/me.jpeg',
      'images/post1.jpg',
      'images/post2.jpg',
      'images/post3.jpg',
      'images/post.jpeg',
    ];

    return Scaffold(
      appBar: AppBar(
        title: const Text('Facebook'),
        actions: [
          IconButton(
            icon: const Icon(Icons.search),
            onPressed: () {
              Navigator.pushNamed(context, '/search_results');
```

```
          },
        ),
        IconButton(
          icon: const Icon(Icons.chat),
          onPressed: () {
            Navigator.pushNamed(context, '/messages');
          },
        ),
      ],
    ),
    body: SingleChildScrollView(
      child: Column(
        children: [
          StoriesWidget(imageUrls: imageUrls),
          NewsFeedWidget(),
        ],
      ),
    ),
    bottomNavigationBar: BottomNavWidget(),
  );
 }
}
```

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

class CreatePostPage extends StatelessWidget {
 const CreatePostPage({super.key});

 @override
 Widget build(BuildContext context) {
  return Scaffold(
    appBar: AppBar(
      title: const Text('Create Post'),
    ),
```

```dart
body: Padding(
  padding: const EdgeInsets.all(20), // Increased padding
  child: Column(
    children: [
      Row(
        children: [
          CircleAvatar(
            backgroundImage: AssetImage(
              'images/me.jpeg'), // Add your profile photo here
            radius: 30, // Increased radius
          ),
          const SizedBox(width: 15), // Increased spacing
          Expanded(
            child: TextField(
              decoration: const InputDecoration(
                hintText: "What's on your mind?",
                border: InputBorder.none,
              ),
            ),
          ),
        ],
      ),
      const Divider(),
      Row(
        mainAxisAlignment: MainAxisAlignment.spaceEvenly,
        children: [
          TextButton.icon(
            onPressed: () {
              // Handle adding a photo
            },
            icon: const Icon(Icons.photo, color: Colors.green),
            label: const Text("Photo"),
          ),
          TextButton.icon(
            onPressed: () {
```

```dart
                    // Handle adding a video
                  },
                  icon: const Icon(Icons.video_call, color: Colors.red),
                  label: const Text("Video"),
                ),
                TextButton.icon(
                  onPressed: () {
                    // Handle adding an event
                  },
                  icon: const Icon(Icons.event, color: Colors.blue),
                  label: const Text("Event"),
                ),
              ],
            ),
          ],
        ),
      ),
    );
  }
}
```

Messaging_page.dart

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

class MessagingPage extends StatelessWidget {
  const MessagingPage({super.key});

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text('Messages'),
      ),
      body: Center(
        child: const Text('No new messages'),
```

```
      ),
    );
  }
}
```

Notification_page.dart

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

class NotificationPage extends StatelessWidget {
  const NotificationPage({super.key});

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text('Notifications'),
      ),
      body: Center(
        child: const Text('No new notifications'),
      ),
    );
  }
}
```

Profile_page.dart

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

class ProfilePage extends StatelessWidget {
  const ProfilePage({super.key});

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text('Profile'),
```

```dart
      ),
      body: SingleChildScrollView(
        child: Column(
          children: [
            const SizedBox(height: 20),
            const CircleAvatar(
              backgroundImage: AssetImage(
                  'images/me.jpeg'), // Correct path for the profile photo
              radius: 50,
            ),
            const SizedBox(height: 10),
            const Text(
              'Atharva Prabhu',
              style: TextStyle(fontSize: 24, fontWeight: FontWeight.bold),
            ),
            const SizedBox(height: 5),
            const Text(
              'atharvaprabhu691@gmail.com',
              style: TextStyle(fontSize: 16, color: Colors.grey),
            ),
            const SizedBox(height: 20),
            ListTile(
              leading: const Icon(Icons.person),
              title: const Text('About'),
              subtitle: const Text('This is the about section.'),
              onTap: () {
                // Handle about section tap
              },
            ),
            const Divider(),
            ListTile(
              leading: const Icon(Icons.photo_album),
              title: const Text('Photos'),
              subtitle: const Text('View your photos.'),
              onTap: () {
```

```dart
              // Handle photos section tap
            },
          ),
          const Divider(),
          ListTile(
            leading: const Icon(Icons.settings),
            title: const Text('Settings'),
            subtitle: const Text('Account settings.'),
            onTap: () {
              // Handle settings section tap
            },
          ),
          const Divider(),
          ListTile(
            leading: const Icon(Icons.logout),
            title: const Text('Logout'),
            onTap: () {
              // Handle logout
            },
          ),
        ],
      ),
    ),
  );
  }
}

Search_results_page.dart
import 'package:flutter/material.dart';

class SearchResultsPage extends StatelessWidget {
  const SearchResultsPage({super.key});

  @override
  Widget build(BuildContext context) {
```
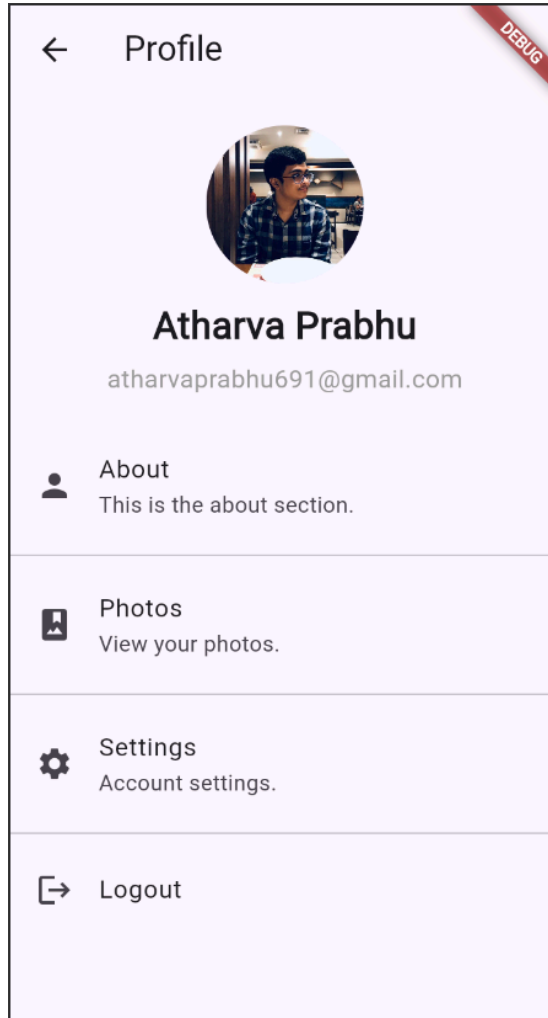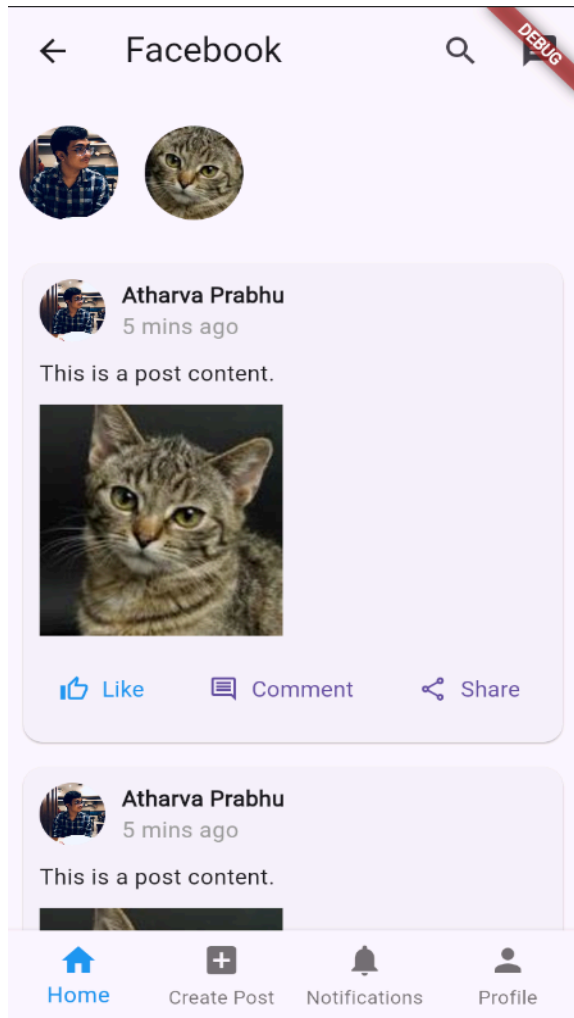
```dart
    return Scaffold(
      appBar: AppBar(
        title: const Text('Search Results'),
      ),
      body: Center(
        child: const Text('No search results found.'),
      ),
    );
  }
}
```

Output

Notifications

No new notifications

Create Post

What's on your mind?

🖼 Photo   ▣ Video   📅 Event

Search Results

← Search Results

No search results found.

Messages

← Messages

No new messages