

# TP2\_Task\_4

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This is a mobile flutter app created with a login page and a gallery app

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

void main() {
  runApp(MyApp());
}

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Gallery App',
      theme: ThemeData(
        primarySwatch: Colors.blue,
      ),
      home: LoginPage(), // Start with the login page
    );
  }
}

class LoginPage extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text('Login'),
      ),
      body: Center(
        child: ElevatedButton(
          onPressed: () {
            // Navigate to the gallery page when the login button
            is pressed
            Navigator.push(
              context,
              MaterialPageRoute(builder: (context) =>
                GalleryPage()),
            );
          },
          child: Text('Login'),
        ),
      ),
    );
  }
}

class GalleryPage extends StatelessWidget {
  @override
```

```

Widget build(BuildContext context) {
  return Scaffold(
    appBar: AppBar(
      title: Text('Gallery'),
      actions: [
        IconButton(
          icon: Icon(Icons.exit_to_app),
          onPressed: () {
            // Navigate back to the login page when the logout
button is pressed
            Navigator.pop(context);
          },
        ),
      ],
    ),
    body: Center(
      child: Text('Welcome to the Gallery!'),
    ),
  );
}
}

```

**MyApp:** This is the main entry point of the application. It's a stateless widget that initializes the app with a `MaterialApp`. It sets the title and theme of the app and specifies the initial route to the `LoginPage`.

**LoginPage:** This is a stateless widget representing the login page of the app. It contains a `Scaffold` with an `AppBar` and a body that consists of a single `ElevatedButton`. When the button is pressed, it navigates to the `GalleryPage`.

**GalleryPage:** This is a stateless widget representing the gallery page of the app. It also contains a `Scaffold` with an `AppBar`. The `AppBar` has a logout button implemented as an `IconButton`. When pressed, it navigates back to the `LoginPage`.