

Abhishek Tyagi

Flutter Assignment

Class Assignment 3, Task 6

03311104422

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

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

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

  @override
  Widget build(BuildContext context) {
    return const MaterialApp(
      home: Home(),
    );
  }
}

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

  @override
  _HomeState createState() => _HomeState();
}

class _HomeState extends State<Home> {
  final titleController = TextEditingController();
  String imgUrl = "";

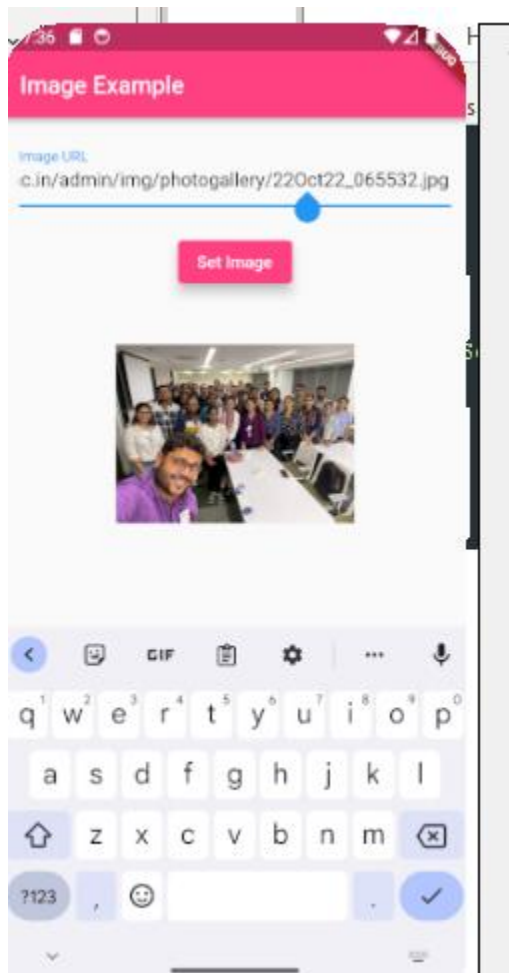
  void _setImage() {
    setState(() {
      imgUrl = titleController.text;
    });
  }

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text("Image Example"),
        backgroundColor: Colors.pinkAccent,
      ),
      body: Column(
        children: [
          Padding(
```

```

padding: const EdgeInsets.all(15),
child: TextField(
  decoration: const InputDecoration(labelText: 'Image URL'),
  controller: titleController,
),
),
const SizedBox(
  height: 8,
),
ElevatedButton(
  onPressed: _setImage,
  style: ButtonStyle(
    elevation: MaterialStateProperty.all(8),
    backgroundColor: MaterialStateProperty.all(Colors.pinkAccent),
  ),
  child: const Text('Set Image'),
),
const SizedBox(
  height: 20,
),
imgUrl.isNotEmpty
  ? Image.network(
    imgUrl,
    height: 200,
    width: 200,
  )
  : const Text('Enter an image URL and press "Set Image" to
display. '),
],
),
);
}
}

```



Task 7:

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

void main() => runApp(const MyApp());

class MyApp extends StatelessWidget {
  const MyApp({Key? key});

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Flutter Demo',
      theme: ThemeData(
        primarySwatch: Colors.blue,
      ),
      home: MyHomePage(title: 'Login Page'),
    );
  }
}
```

```

}

class MyHomePage extends StatefulWidget {
  MyHomePage({Key? key, required this.title}) : super(key: key);
  final String title;

  @override
  _MyHomePageState createState() => _MyHomePageState();
}

class _MyHomePageState extends State<MyHomePage> {
  final nmController = TextEditingController();
  final pwdController = TextEditingController();
  String _usrAuth = '';

  void _authenticateUser(String message) {
    setState(() {
      _usrAuth = message;
    });
  }

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text(widget.title),
      ),
      body: Center(
        child: Column(
          mainAxisAlignment: MainAxisAlignment.center,
          children: <Widget>[
            const Text(
              'Login',
              style: TextStyle(
                color: Colors.blue,
                fontWeight: FontWeight.w500,
                fontSize: 30,
              ),
            ),
            Container(
              padding: const EdgeInsets.all(10),
              child: TextField(
                controller: nmController,
                decoration: const InputDecoration(
                  border: OutlineInputBorder(),
                  labelText: 'User Name',
                ),
              ),
            ),
            Container(
              padding: const EdgeInsets.all(10),
              child: TextField(
                controller: pwdController,
                decoration: const InputDecoration(
                  border: OutlineInputBorder(),

```

```

        labelText: 'Password',
      ),
      obscureText: true, // Use a password field
    ),
  ),
  Container(
    height: 50,
    padding: const EdgeInsets.fromLTRB(10, 0, 10, 0),
    child: ElevatedButton(
      child: const Text('Login'),
      onPressed: () {
        print(nmController.text);
        print(pwdController.text);
        if (nmController.text == 'a' && pwdController.text == 'b')
          _authenticateUser("Valid User");
        else
          _authenticateUser("Invalid User");
      },
    ),
  ),
  Text(
    '$_usrAuth',
    style: const TextStyle(
      color: Colors.blue,
      fontWeight: FontWeight.w500,
      fontSize: 20,
    ),
  ),
),
),
),
),
);
}
}

```

