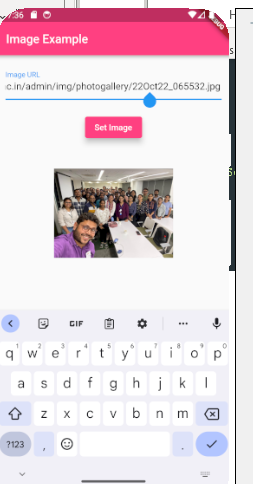
Tarun Goyal

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,  
 ),  
 ),  
 ],  
 ),  
 ),  
 );  
 }  
}

A screenshot of a phone

Description automatically generatedA screenshot of a login screen

Description automatically generatedA screenshot of a login screen

Description automatically generated