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: SplashScreen(), // Replace LoginPage with SplashScreen

);

}

}

class SplashScreen extends StatelessWidget {

const SplashScreen({Key? key}) : super(key: key);

@override

Widget build(BuildContext context) {

// Add a delay using Future.delayed to simulate a splash screen duration

Future.delayed(const Duration(seconds: 10), () {

Navigator.pushReplacement(

context,

MaterialPageRoute(builder: (context) => const LoginPage()),

);

});

return const Scaffold(

body: Center(

child: Image(

image: AssetImage(

'photos/VU01.webp',

),

),

),

);

}

}

class LoginPage extends StatefulWidget {

const LoginPage({Key? key}) : super(key: key);

@override

\_LoginPageState createState() => \_LoginPageState();

}

class \_LoginPageState extends State<LoginPage> {

final \_formKey = GlobalKey<FormState>();

String \_username = '';

String \_password = '';

void \_submitForm() {

if (\_formKey.currentState!.validate()) {

\_formKey.currentState!.save();

// Perform login or authentication logic here

print('Username: $\_username');

print('Password: $\_password');

// Navigate to the home page after successful login

Navigator.push(

context,

MaterialPageRoute(

builder: (context) => TeacherAttendancePage(),

),

);

}

}

@override

Widget build(BuildContext context) {

return Scaffold(

body: Container(

decoration: BoxDecoration(

gradient: LinearGradient(

begin: Alignment.topCenter,

end: Alignment.bottomCenter,

colors: [

Colors.blue[400]!,

Colors.blue[800]!,

],

),

),

child: Center(

child: SingleChildScrollView(

child: Padding(

padding: const EdgeInsets.symmetric(horizontal: 24.0),

child: Form(

key: \_formKey,

child: Column(

mainAxisAlignment: MainAxisAlignment.center,

children: [

const Center(

child: CircleAvatar(

backgroundImage: AssetImage(

'photos/sir.jpeg',

),

radius: 80.0,

),

),

const Text(

'Login as Teacher',

style: TextStyle(

color: Colors.white,

fontSize: 24.0,

fontWeight: FontWeight.bold,

),

),

const SizedBox(height: 16.0),

TextFormField(

decoration: InputDecoration(

filled: true,

fillColor: Colors.white,

labelText: 'Username',

prefixIcon: const Icon(Icons.person),

border: OutlineInputBorder(

borderRadius: BorderRadius.circular(8.0),

),

),

validator: (value) {

if (value == null || value.isEmpty) {

return 'Please enter your username';

}

return null;

},

onSaved: (value) {

\_username = value!;

},

),

const SizedBox(height: 16.0),

TextFormField(

decoration: InputDecoration(

filled: true,

fillColor: Colors.white,

labelText: 'Password',

prefixIcon: const Icon(Icons.lock),

border: OutlineInputBorder(

borderRadius: BorderRadius.circular(8.0),

),

),

obscureText: true,

validator: (value) {

if (value == null || value.isEmpty) {

return 'Please enter your password';

}

return null;

},

onSaved: (value) {

\_password = value!;

},

),

const SizedBox(height: 16.0),

ElevatedButton(

onPressed: \_submitForm,

child: const Text('Login'),

),

],

),

),

),

),

),

),

);

}

}

class TeacherAttendancePage extends StatefulWidget {

@override

\_TeacherAttendancePageState createState() => \_TeacherAttendancePageState();

}

class \_TeacherAttendancePageState extends State<TeacherAttendancePage> {

List<String> students = [

'Roll No 1',

'Roll No 2',

'Roll No 3',

'Roll No 4',

'Roll No 5',

'Roll No 6',

'Roll No 7',

'Roll No 8',

'Roll No 9',

'Roll No 10',

'Roll No 11',

'Roll No 12',

'Roll No 13',

'Roll No 14',

'Roll No 15',

'Roll No 16',

'Roll No 17',

'Roll No 18',

'Roll No 19',

'Roll No 20',

];

List<bool?> attendanceList = List<bool?>.filled(20, null);

@override

Widget build(BuildContext context) {

return Scaffold(

appBar: AppBar(

backgroundColor: Colors.amber,

title: const Text(

'Attendance',style: TextStyle(color: Colors.black),textAlign: TextAlign.center,

),

centerTitle: true,

actions: [

IconButton(

icon: const Icon(Icons.done),

onPressed: () {

generateAttendanceReport();

},

),

],

),

backgroundColor: Colors.white,

body: ListView.builder(

itemCount: students.length,

itemBuilder: (BuildContext context, int index) {

return ListTile(

title: Text(

students[index],

style: const TextStyle(

fontSize: 20,

fontWeight: FontWeight.bold,

),

),

trailing: Checkbox(

checkColor: Colors.amber, // Set the checkbox color to cyan

value: attendanceList[index] ?? false,

onChanged: (value) {

setState(() {

attendanceList[index] = value;

});

},

),

);

},

),

);

}

void generateAttendanceReport() {

List<String> presentStudents = [];

for (int i = 0; i < students.length; i++) {

if (attendanceList[i] == true) {

presentStudents.add(students[i]);

}

}

showDialog(

context: context,

builder: (BuildContext context) {

return AlertDialog(

title: const Text('Attendance Report'),

content: Column(

crossAxisAlignment: CrossAxisAlignment.start,

mainAxisSize: MainAxisSize.min,

children: [

const Text('Present Students:'),

const SizedBox(height: 8),

Text(presentStudents.join(', ')),

],

),

actions: [

TextButton(

child: const Text('OK'),

onPressed: () {

Navigator.of(context).pop();

},

),

],

);

},

);

}

}

OUTPUT:





