import 'package:flutter/material.dart';

import 'package:google\_fonts/google\_fonts.dart';

void main() {

runApp(PlumberBookingApp());

}

class PlumberBookingApp extends StatelessWidget {

@override

Widget build(BuildContext context) {

return MaterialApp(

title: 'پلمبر بکنگ',

theme: ThemeData(

primarySwatch: Colors.blue,

textTheme: GoogleFonts.cairoTextTheme(),

),

home: BookingScreen(),

);

}

}

// Plumber Model

class Plumber {

final String id;

final String name;

final double rating;

final String experience;

final String specialization;

final int price;

final double distance;

final bool available;

Plumber({

required this.id,

required this.name,

required this.rating,

required this.experience,

required this.specialization,

required this.price,

required this.distance,

required this.available,

});

}

// Service Model

class ServiceType {

final String id;

final String name;

final IconData icon;

ServiceType({

required this.id,

required this.name,

required this.icon,

});

}

class BookingScreen extends StatefulWidget {

@override

\_BookingScreenState createState() => \_BookingScreenState();

}

class \_BookingScreenState extends State<BookingScreen> {

// Static data for services and plumbers

final List<ServiceType> \_services = [

ServiceType(id: '1', name: 'لیک مرمت', icon: Icons.water\_damage),

ServiceType(id: '2', name: 'ڈرین صفائی', icon: Icons.cleaning\_services),

ServiceType(id: '3', name: 'پائپ تبدیلی', icon: Icons.plumbing),

ServiceType(id: '4', name: 'واٹر ہیٹر', icon: Icons.water\_heater),

ServiceType(id: '5', name: 'ٹوائلٹ مرمت', icon: Icons.toilet),

];

final List<Plumber> \_plumbers = [

Plumber(

id: '1',

name: 'احمد خان',

rating: 4.8,

experience: '10 سال',

specialization: 'پائپ مرمت',

price: 500,

distance: 2.5,

available: true,

),

Plumber(

id: '2',

name: 'محمد علی',

rating: 4.5,

experience: '7 سال',

specialization: 'گیس پائپ فکسنگ',

price: 450,

distance: 3.2,

available: true,

),

];

// Booking state management

BookingStep \_currentStep = BookingStep.service;

ServiceType? \_selectedService;

Plumber? \_selectedPlumber;

final TextEditingController \_addressController = TextEditingController();

// Enum for booking steps

enum BookingStep { service, plumber, confirm }

@override

Widget build(BuildContext context) {

return Scaffold(

appBar: AppBar(

title: Text('پلمبر بکنگ', textAlign: TextAlign.center),

centerTitle: true,

),

body: SafeArea(

child: Padding(

padding: const EdgeInsets.all(16.0),

child: Column(

children: [

// Step Indicator

\_buildStepIndicator(),

// Dynamic Content Based on Current Step

Expanded(

child: \_buildCurrentStepContent(),

),

],

),

),

),

);

}

// Step Indicator Widget

Widget \_buildStepIndicator() {

return Row(

mainAxisAlignment: MainAxisAlignment.center,

children: [

\_buildStepText('خدمت', \_currentStep == BookingStep.service),

SizedBox(width: 20),

\_buildStepText('پلمبر', \_currentStep == BookingStep.plumber),

SizedBox(width: 20),

\_buildStepText('تصدیق', \_currentStep == BookingStep.confirm),

],

);

}

// Individual Step Text

Widget \_buildStepText(String text, bool isActive) {

return Text(

text,

style: TextStyle(

color: isActive ? Colors.blue : Colors.grey,

fontWeight: isActive ? FontWeight.bold : FontWeight.normal,

),

);

}

// Dynamic Content Based on Current Step

Widget \_buildCurrentStepContent() {

switch (\_currentStep) {

case BookingStep.service:

return \_buildServiceSelection();

case BookingStep.plumber:

return \_buildPlumberSelection();

case BookingStep.confirm:

return \_buildConfirmationScreen();

}

}

// Service Selection Screen

Widget \_buildServiceSelection() {

return GridView.builder(

gridDelegate: SliverGridDelegateWithFixedCrossAxisCount(

crossAxisCount: 3,

crossAxisSpacing: 10,

mainAxisSpacing: 10,

),

itemCount: \_services.length,

itemBuilder: (context, index) {

final service = \_services[index];

return GestureDetector(

onTap: () {

setState(() {

\_selectedService = service;

\_currentStep = BookingStep.plumber;

});

},

child: Card(

elevation: 4,

child: Column(

mainAxisAlignment: MainAxisAlignment.center,

children: [

Icon(service.icon, size: 50, color: Colors.blue),

SizedBox(height: 10),

Text(

service.name,

style: TextStyle(fontSize: 14),

textAlign: TextAlign.center,

),

],

),

),

);

},

);

}

// Plumber Selection Screen

Widget \_buildPlumberSelection() {

return ListView.builder(

itemCount: \_plumbers.length,

itemBuilder: (context, index) {

final plumber = \_plumbers[index];

return Card(

margin: EdgeInsets.symmetric(vertical: 8),

child: ListTile(

title: Text(

plumber.name,

style: TextStyle(fontWeight: FontWeight.bold),

),

subtitle: Column(

crossAxisAlignment: CrossAxisAlignment.start,

children: [

Text('تجربہ: ${plumber.experience}'),

Text('مہارت: ${plumber.specialization}'),

Row(

children: [

Icon(Icons.star, color: Colors.amber, size: 20),

Text(' ${plumber.rating} (${plumber.distance} کلومیٹر)'),

],

),

],

),

trailing: Text(

'₨${plumber.price}/-',

style: TextStyle(

color: Colors.green,

fontWeight: FontWeight.bold,

),

),

onTap: () {

setState(() {

\_selectedPlumber = plumber;

\_currentStep = BookingStep.confirm;

});

},

),

);

},

);

}

// Confirmation Screen

Widget \_buildConfirmationScreen() {

return SingleChildScrollView(

child: Card(

child: Padding(

padding: const EdgeInsets.all(16.0),

child: Column(

crossAxisAlignment: CrossAxisAlignment.stretch,

children: [

Text(

'بکنگ کی تصدیق',

style: TextStyle(

fontSize: 20,

fontWeight: FontWeight.bold,

),

textAlign: TextAlign.center,

),

SizedBox(height: 20),

// Service Details

\_buildConfirmationRow('سروس:', \_selectedService?.name ?? ''),

\_buildConfirmationRow('پلمبر:', \_selectedPlumber?.name ?? ''),

\_buildConfirmationRow('قیمت:', '₨${\_selectedPlumber?.price ?? 0}/-'),

// Address Input

SizedBox(height: 20),

TextField(

controller: \_addressController,

decoration: InputDecoration(

labelText: 'اپنا مکمل پتہ درج کریں',

border: OutlineInputBorder(),

),

maxLines: 3,

),

// Confirm Booking Button

SizedBox(height: 20),

ElevatedButton(

onPressed: \_confirmBooking,

child: Text('بکنگ کی تصدیق کریں'),

style: ElevatedButton.styleFrom(

padding: EdgeInsets.symmetric(vertical: 15),

),

),

],

),

),

),

);

}

// Helper method for confirmation rows

Widget \_buildConfirmationRow(String label, String value) {

return Padding(

padding: const EdgeInsets.symmetric(vertical: 8.0),

child: Row(

mainAxisAlignment: MainAxisAlignment.spaceBetween,

children: [

Text(

label,

style: TextStyle(fontWeight: FontWeight.bold),

),

Text(value),

],

),

);

}

// Booking Confirmation Method

void \_confirmBooking() {

// Validate inputs

if (\_addressController.text.isEmpty) {

ScaffoldMessenger.of(context).showSnackBar(

SnackBar(content: Text('براہ کرم اپنا پتہ درج کریں')),

);

return;

}

// Show Confirmation Dialog

showDialog(

context: context,

builder: (BuildContext context) {

return AlertDialog(

title: Text('بکنگ مکمل ہو گئی'),

content: Text(

'${\_selectedPlumber?.name ?? ''} جلد ہی آپ کے پاس پہنچ جائے گا',

),

actions: [

TextButton(

child: Text('ٹھیک ہے'),

onPress: () {

// Reset to initial state

setState(() {

\_currentStep = BookingStep.service;

\_selectedService = null;

\_selectedPlumber = null;

\_addressController.clear();

});

Navigator.of(context).pop();

},

),

],

);

},

);

}

}

// Optional: Custom App Theme

class AppTheme {

static ThemeData get lightTheme {

return ThemeData(

primarySwatch: Colors.blue,

scaffoldBackgroundColor: Colors.white,

appBarTheme: AppBarTheme(

backgroundColor: Colors.blue,

foregroundColor: Colors.white,

),

textTheme: GoogleFonts.cairoTextTheme().copyWith(

bodyText1: GoogleFonts.cairo(color: Colors.black87),

bodyText2: GoogleFonts.cairo(color: Colors.black87),

),

);

}

}