1. Write a flutter program to create a display page using scaffold widget showing an image having

restaurant name and a floating button. On click of the floating button a new menu page should

open to display the food menu as shown below:

import 'package:flutter/material.dart';

void main() {

runApp(BookStoreApp());

}

class BookStoreApp extends StatelessWidget {

@override

Widget build(BuildContext context) {

return MaterialApp(

title: 'Jupiter Resto',

home: BookStoreHomePage(),

);

}

}

class BookStoreHomePage extends StatelessWidget {

@override

Widget build(BuildContext context) {

return Scaffold(

appBar: AppBar(

title: Text('Jupiter restaurant'),

),

body: Center(

child: Column(

mainAxisAlignment: MainAxisAlignment.center,

children: [

Image.asset('image.jpg', *// Add your own image asset path here*

width: 800,

height: 400,

),

SizedBox(height: 20),

Text(

'Jupiter restaurant', *// Add your own book store name here*

style: TextStyle(fontSize: 24),

),

],

),

),

floatingActionButton: FloatingActionButton(

onPressed: () {

Navigator.*push*(

context,

MaterialPageRoute(builder: (context) => MenuListPage()),

);

},

child: Icon(Icons.*menu*),

),

);

}

}

class MenuListPage extends StatelessWidget {

@override

Widget build(BuildContext context) {

return MaterialApp(

title: 'Menu',

home: Scaffold(

appBar: AppBar(

title: Text('Menu'),

),

body: ListView(

children: [

Menu(

image: 'https://m.media-amazon.com/images/I/51Z86bIiB+L.\_AC\_UL600\_FMwebp\_QL65\_.jpg',

name: 'Masala Dosa',

price: '\Rs.150',

),

Menu(

image: 'https://m.media-amazon.com/images/I/818J25zUQ7L.\_AC\_UL600\_FMwebp\_QL65\_.jpg',

name: 'Pav bhaji',

price: '\Rs.100',

),

Menu(

image: 'https://m.media-amazon.com/images/I/51896I1hszL.\_AC\_UL600\_FMwebp\_QL65\_.jpg',

name: 'Chocolate Ice cream',

price: '\Rs.100',

),

],

),

),

);

}

}

class Menu extends StatelessWidget {

final String image;

final String name;

final String price;

const Menu({Key? key, required this.image, required this.name, required this.price}) : super(key: key);

@override

Widget build(BuildContext context) {

return Container(

padding: EdgeInsets.all(20.0),

child: Row(

children: [

Image.network(

image,

height: 100.0,

width: 75.0,

fit: BoxFit.cover,

),

SizedBox(width: 10.0),

Column(

crossAxisAlignment: CrossAxisAlignment.start,

children: [

Text(

name,

style: TextStyle(

fontSize: 16.0,

fontWeight: FontWeight.*bold*,

),

),

SizedBox(height: 5.0),

Text(

price,

style: TextStyle(

fontSize: 14.0,

color: Colors.*grey*,

),

),

],

),

],

),

);

}

}

2. Write a flutter program to create a display page using scaffold widget showing an image having

Book Store name and a floating button. On click of the floating button a new menu page should

open to display the details of at least 7 books as shown below:

import 'package:flutter/material.dart';

void main() {

runApp(BookStoreApp());

}

class BookStoreApp extends StatelessWidget {

@override

Widget build(BuildContext context) {

return MaterialApp(

title: 'Book Store',

home: BookStoreHomePage(),

);

}

}

class BookStoreHomePage extends StatelessWidget {

@override

Widget build(BuildContext context) {

return Scaffold(

appBar: AppBar(

title: Text('Mahesh Book Store'),

),

body: Center(

child: Column(

mainAxisAlignment: MainAxisAlignment.center,

children: [

Image.asset('bookstore.jpg', *// Add your own image asset path here*

width: 800,

height: 400,

),

SizedBox(height: 20),

Text(

'Mahesh Book Store', *// Add your own book store name here*

style: TextStyle(fontSize: 24),

),

],

),

),

floatingActionButton: FloatingActionButton(

onPressed: () {

Navigator.*push*(

context,

MaterialPageRoute(builder: (context) => BookListPage()),

);

},

child: Icon(Icons.*menu*),

),

);

}

}

class BookListPage extends StatelessWidget {

@override

Widget build(BuildContext context) {

return MaterialApp(

title: 'Book Details',

home: Scaffold(

appBar: AppBar(

title: Text('Book Details'),

),

body: ListView(

children: [

BookDetails(

image: 'https://m.media-amazon.com/images/I/21Cm3oGsIuL.\_SX326\_BO1,204,203,200\_.jpg',

name: 'Still Born',

price: '\Rs.1,700',

),

BookDetails(

image: 'https://m.media-amazon.com/images/I/51dZimXq-YL.\_SY264\_BO1,204,203,200\_QL40\_FMwebp\_.jpg',

name: 'Dust Child',

price: '\Rs.1000',

),

BookDetails(

image: 'https://m.media-amazon.com/images/I/51rHVhRb-8L.\_SX324\_BO1,204,203,200\_.jpg',

name: 'Time Shelter',

price: '\Rs.500',

),

BookDetails(

image: 'https://m.media-amazon.com/images/I/51ltb3Lt0NL.\_SX328\_BO1,204,203,200\_.jpg',

name: 'Paris : The Memoir',

price: '\Rs.1,210',

),

BookDetails(

image: 'https://images-na.ssl-images-amazon.com/images/I/51wOOMQ+F3L.\_SX325\_BO1,204,203,200\_.jpg',

name: 'The Power of Now',

price: '\Rs.8.99',

),

BookDetails(

image: 'https://m.media-amazon.com/images/I/51CdGXLod1L.\_SX319\_BO1,204,203,200\_.jpg',

name: 'In a Thousand Different Ways',

price: '\Rs.600',

),

BookDetails(

image: 'https://m.media-amazon.com/images/I/41a6cinT9RL.\_SX312\_BO1,204,203,200\_.jpg',

name: 'The ABYSS',

price: '\Rs.409',

),

],

),

),

);

}

}

class BookDetails extends StatelessWidget {

final String image;

final String name;

final String price;

const BookDetails({Key? key, required this.image, required this.name, required this.price}) : super(key: key);

@override

Widget build(BuildContext context) {

return Container(

padding: EdgeInsets.all(10.0),

child: Row(

children: [

Image.network(

image,

height: 100.0,

width: 75.0,

fit: BoxFit.cover,

),

SizedBox(width: 10.0),

Column(

crossAxisAlignment: CrossAxisAlignment.start,

children: [

Text(

name,

style: TextStyle(

fontSize: 16.0,

fontWeight: FontWeight.*bold*,

),

),

SizedBox(height: 5.0),

Text(

price,

style: TextStyle(

fontSize: 14.0,

color: Colors.*grey*,

),

),

],

),

],

),

);

}

}

3. Write a flutter program to create a display page using scaffold widget showing an image having

Mobile product store name and a floating button. On click of the floating button a new menu

page should open to display the details of at least 7 different mobile phones as shown below:

import 'dart:ui';

import 'package:flutter/material.dart';

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

class MyApp extends StatelessWidget {

@override

Widget build(BuildContext context) {

return MaterialApp(

home: MobileHomePage(),

debugShowCheckedModeBanner: false,

);

}

}

class MobileHomePage extends StatelessWidget {

@override

Widget build(BuildContext context) {

return Scaffold(

appBar: AppBar(

title: Text("Mobile store"),

centerTitle: true,

),

body: Padding(

padding: const EdgeInsets.all(8.0),

child: Image(

image: NetworkImage('https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcROLSUMEtDN8iiEs78KcPGyT1GsGlglK1bBfQ&usqp=CAU'),

fit: BoxFit.fill,

width: window.physicalSize.width,

height: window.physicalSize.height,),

),

floatingActionButton: FloatingActionButton(

child: Icon(Icons.*send\_to\_mobile\_outlined*),

onPressed: (){Navigator.*of*(context).push(MaterialPageRoute(builder: (\_)=> MenuPage()));}

),

);

}

}

class MobileItem {

final String name;

final double price;

final String imageUrl;

MobileItem({required this.name, required this.price, required this.imageUrl});

}

class MenuPage extends StatelessWidget {

MenuPage({Key? key}) : super(key: key);

final List<MobileItem> mobileItems = [

MobileItem(

name: 'iPhone 13 Pro',

price: 999,

imageUrl:

'https://m.media-amazon.com/images/I/51f4A6Tr8zL.\_SX522\_.jpg'),

MobileItem(

name: 'Samsung Galaxy S21 Ultra',

price: 1099,

imageUrl:

'https://m.media-amazon.com/images/I/51f4A6Tr8zL.\_SX522\_.jpg'),

MobileItem(

name: 'OnePlus 9 Pro',

price: 899,

imageUrl:

'https://m.media-amazon.com/images/I/51f4A6Tr8zL.\_SX522\_.jpg'),

MobileItem(

name: 'Google Pixel 6 Pro',

price: 899,

imageUrl:

'https://m.media-amazon.com/images/I/51f4A6Tr8zL.\_SX522\_.jpg'),

MobileItem(

name: 'Xiaomi Mi 11 Ultra',

price: 1199,

imageUrl:

'https://m.media-amazon.com/images/I/51f4A6Tr8zL.\_SX522\_.jpg'),

MobileItem(

name: 'Sony Xperia 1 III',

price: 1299,

imageUrl:

'https://m.media-amazon.com/images/I/51f4A6Tr8zL.\_SX522\_.jpg'),

MobileItem(

name: 'LG Velvet',

price: 699,

imageUrl:

'https://m.media-amazon.com/images/I/51f4A6Tr8zL.\_SX522\_.jpg'),

];

@override

Widget build(BuildContext context) {

return Scaffold(

appBar: AppBar(

title: Text('Mobiles'),

),

body: ListView.builder(

itemCount: mobileItems.length,

itemBuilder: (context, index) {

final mobileItem = mobileItems[index];

return Padding(

padding: const EdgeInsets.all(8.0),

child: Row(

children: [

Image.network(

mobileItem.imageUrl,

height: 80,

width: 80,

),

SizedBox(width: 10),

Column(

crossAxisAlignment: CrossAxisAlignment.start,

children: [

Text(

mobileItem.name,

style: TextStyle(

fontWeight: FontWeight.*bold*,

fontSize: 18,

),

),

SizedBox(height: 5),

Text(

'\$ ${mobileItem.price}',

style: TextStyle(

fontWeight: FontWeight.*bold*,

fontSize: 16,

color: Colors.*grey*[600],

),

),

],

),

],

),

);

},

),

);

}

}

4. Design a calculator app using flutter as shown below:

import 'package:flutter/foundation.dart';

import 'package:flutter/material.dart';

void main() {

runApp(MyApp());

}

class MyApp extends StatelessWidget {

@override

Widget build(BuildContext context) {

return MaterialApp(

theme: ThemeData(

primarySwatch: Colors.*deepOrange*,

),

home: HomePage(),

debugShowCheckedModeBanner: false,

);

}

}

class HomePage extends StatefulWidget {

@override

\_HomePageState createState() => \_HomePageState();

}

class \_HomePageState extends State<HomePage> {

late int first, second;

late String res, text = "";

late String \_opp;

String get opp => \_opp;

set opp(String value) {

\_opp = value;

}

void btnClicked(String btnText) {

if (btnText == "C") {

res = "";

text = "";

first = 0;

second = 0;

} else if (btnText == "+" ||

btnText == "-" ||

btnText == "x" ||

btnText == "/") {

first = int.*parse*(text);

res = "";

opp = btnText;

} else if (btnText == "=") {

second = int.*parse*(text);

if (opp == "+") {

res = (first + second).toString();

}

if (opp == "-") {

res = (first - second).toString();

}

if (opp == "x") {

res = (first \* second).toString();

}

if (opp == "/") {

res = (first ~/ second).toString();

}

} else {

res = int.*parse*(text + btnText).toString();

}

setState(() {

text = res;

});

}

Widget customButton(String val) {

return Expanded(

child: ElevatedButton(

style: ElevatedButton.*styleFrom*(

padding: EdgeInsets.all(25.0),

primary: Colors.*white*,

onPrimary: Colors.*deepOrange*,

),

onPressed: () => btnClicked(val),

child: Text(

val,

style: TextStyle(fontSize: 35.0, color: Colors.*deepOrange*),

),

),

);

}

@override

Widget build(BuildContext context) {

return Scaffold(

appBar: AppBar(

title: Text('Calculator'),

),

body: Container(

child: Column(

mainAxisAlignment: MainAxisAlignment.end,

children: <Widget>[

Expanded(

child: Container(

padding: EdgeInsets.all(10.0),

alignment: Alignment.*bottomRight*,

child: Text(

text,

style: TextStyle(

fontSize: 60.0,

fontWeight: FontWeight.*w500*,

color: Colors.*deepOrange*),

),

),

),

Row(

children: <Widget>[

customButton("9"),

customButton("8"),

customButton("7"),

customButton("+"),

],

),

Row(

children: <Widget>[

customButton("6"),

customButton("5"),

customButton("4"),

customButton("-"),

],

),

Row(

children: <Widget>[

customButton("3"),

customButton("2"),

customButton("1"),

customButton("x"),

],

),

Row(

children: <Widget>[

customButton("C"),

customButton("0"),

customButton("="),

customButton("/"),

],

),

],

),

),

);

}

@override

void debugFillProperties(DiagnosticPropertiesBuilder properties) {

super.debugFillProperties(properties);

properties.add(IntProperty('first', first));

properties.add(StringProperty('res', res));

}

}

5. Write a flutter program to design registration form for restaurant table booking system. On successful

registration, the customer’s details must be reflected in the firebase database.

**FIREBASE**

C:\Users\ishik>firebase logout

C:\Users\ishik>npm install -g firebase-tools

C:\Users\ishik>firebase login

C:\Users\ishik>firebase projects:list

# Add Firebase to your Android app

android/build.gradel

classpath **'com.google.gms:google-services:4.3.15'**

android/app/build.gradel

Apply plugin : ‘**com.google.gms:google-services:4.3.15’**

C:\Users\ishik>cd C:\Users\ishik\StudioProjects\hello

C:\Users\ishik\StudioProjects\hello>dart pub global activate flutterfire\_cli

C:\Users\ishik\StudioProjects\hello>flutterfire configure --project=kshama-2ce59

project/ pubspec.yml

**dependencies**:

**firebase\_database**: any

**cloud\_firestore**: any

> pubget

>get dependencies

Firebase console

Build / Firebase database

Create database > start in test mode

**Main.dart**

**import 'package:cloud\_firestore/cloud\_firestore.dart';**

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

**import 'package:firebase\_core/firebase\_core.dart';**

**import 'firebase\_options.dart';**

**void main() async{**

**WidgetsFlutterBinding.*ensureInitialized*();**

**await Firebase.*initializeApp*(**

**options: DefaultFirebaseOptions.*currentPlatform*,**

**);**

**runApp(const MaterialApp(**

**home: Restoform(),**

**));**

**}**

**class Restoform extends StatefulWidget {**

**const Restoform({Key? key}) : super(key: key);**

**@override**

**State<Restoform> createState() => \_RestoformState();**

**}**

**class \_RestoformState extends State<Restoform> {**

**final formkey = GlobalKey<FormState>();**

**late String \_name;**

**late String \_email;**

**late String \_phone;**

**late String \_guests;**

**late String \_time;**

**@override**

**Widget build(BuildContext context) {**

**return Scaffold(**

**appBar: AppBar(**

**title: Text("Restaurant form"),**

**centerTitle: true,**

**),**

**body: Form(**

**key: formkey,**

**child: Column(**

**children: <Widget>[**

**TextFormField(**

**decoration: InputDecoration(**

**labelText: "Name",**

**icon: Icon(Icons.*person*),**

**hintText: "Enter your name",**

**),**

**validator: (value){**

**if(value!.isEmpty){**

**return "Please enter your name";**

**}**

**},**

**onSaved: (value){**

**\_name = value!;**

**},**

**),**

**SizedBox(height: 10,),**

**TextFormField(**

**decoration: InputDecoration(**

**labelText: "Email",**

**icon: Icon(Icons.*alternate\_email*),**

**hintText: "Enter your email",**

**),**

**validator: (value){**

**if(value!.isEmpty){**

**return "Please enter your email";**

**}**

**},**

**onSaved: (value){**

**\_email = value!;**

**},**

**),**

**SizedBox(height: 10,),**

**TextFormField(**

**decoration: InputDecoration(**

**labelText: "Phone number",**

**icon: Icon(Icons.*phone*),**

**hintText: "Enter your phone number",**

**),**

**validator: (value){**

**if(value!.isEmpty){**

**return "Please enter your phone number";**

**}**

**else if(!RegExp(r'^[0-9]{10}$').hasMatch(value)){**

**return "Please enter a valid phone number";**

**}**

**},**

**onSaved: (value){**

**\_phone = value!;**

**},**

**),**

**SizedBox(height: 10,),**

**TextFormField(**

**decoration: InputDecoration(**

**labelText: "Number of guests",**

**icon: Icon(Icons.*people\_alt*),**

**hintText: "Enter number of guests",**

**),**

**validator: (value){**

**if(value!.isEmpty){**

**return "Please enter number of guests";**

**}**

**else if(!RegExp(r'^[0-9]$').hasMatch(value)){**

**return "Please enter a valid number";**

**}**

**},**

**onSaved: (value){**

**\_guests = value!;**

**},**

**),**

**SizedBox(height: 10,),**

**TextFormField(**

**decoration: InputDecoration(**

**labelText: "Time",**

**icon: Icon(Icons.*timer*),**

**hintText: "Enter time of arrival",**

**),**

**validator: (value){**

**if(value!.isEmpty){**

**return "Please enter a suitable time";**

**}**

**else if(!RegExp(r'[01]?[0-9]|2[0-3]:[0-5][0-9]').hasMatch(value)){**

**return "Please enter a valid time";**

**}**

**},**

**onSaved: (value){**

**\_time = value!;**

**},**

**),**

**SizedBox(height: 10,),**

**submitButton(),**

**],**

**),**

**),**

**);**

**}**

**Widget submitButton(){**

**return ElevatedButton.icon(**

**onPressed: (){**

**if(formkey.currentState!.validate()){**

**ScaffoldMessenger.*of*(context).showSnackBar(**

**SnackBar(content: Text("Registration done successfully"))**

**);**

**formkey.currentState!.save();**

**FirebaseFirestore.*instance*.collection("Registrations").add({**

**'Name' : \_name,**

**'Email' : \_email,**

**'Phone' : \_phone,**

**'Guests' : \_guests,**

**'Time' : \_time,**

**}).then((value) => print("Submitted successfully")).catchError((error)=>**

**print("$error"));**

**}**

**},**

**icon: Icon(Icons.*send*),**

**label: Text("Submit"),**

**);**

**}**

**}**

cmd:-

npm install -g firebase-tools

firebase login

firebase projects:list

Firebase Console

* Getstarted
* Off {enable google analytics}
* Create project
* Go to Flutter app
* Click on Firebase Cli> copy paste all the cli commands
* Click next on flutter app
* Go to Android App
* Change from project to android>app-src-buildgradle file> copy applicationId
* Go to Android app > Paste the id and register
* Download .json file and paste it android>src(app level)
* Add this in dependency in android>buid.gradle file

classpath 'com.google.gms:google-services:4.3.15'

* add this to app> buid.gradle file inside app folder

apply plugin:'com.google.gms:google-services:4.3.15'

Now

* Paste the next two commands in the cmd (change path to the proj folder for the commands )
* Click next on flutter app
* Click on continue to console
* Add dependency in pubspec.yaml

dependencies:

firebase\_database: any

firebase\_core: ^2.7.1

cloud\_firestore: any

* Click on get dependencies (notififcation)
* Firebase console
* Build / Firebase database
* Create database > start in test mode

**Q8. Design a registration form and login form for clinical ERP system. Write 2 test cases for the same.**

Main.dart:

import 'package:flutter/material.dart';

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

class MyApp extends StatelessWidget {

const MyApp({super.key});

@override

Widget build(BuildContext context) {

return MaterialApp(

title: 'Registration Form',

home: LoginForm(),

);

}

}

class LoginForm extends StatefulWidget {

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

@override

State<LoginForm> createState() => \_LoginFormState();

}

class \_LoginFormState extends State<LoginForm> {

final formkey = GlobalKey<FormState>();

@override

Widget build(BuildContext context) {

return Scaffold(

appBar: AppBar(

title: Text("Login form"),

centerTitle: true,

),

body: Form(

key: formkey,

child: Column(

children: <Widget>[

SizedBox(height: 10,),

TextFormField(

decoration: InputDecoration(

labelText: "Name",

hintText: "Enter your name",

border: OutlineInputBorder(),

icon: Icon(Icons.*person*),

),

),

SizedBox(height: 10,),

TextFormField(

decoration: InputDecoration(

labelText: "Password",

hintText: "Enter your password",

border: OutlineInputBorder(),

icon: Icon(Icons.*password*),

),

),

SizedBox(height: 10,),

ElevatedButton(onPressed: (){

ScaffoldMessenger.*of*(context).showSnackBar(SnackBar(content: Text("Login successful")));

},

child: Text("Login"),)

],

),

),

);

}

}

Inside The test folder make a dart file called login\_test.dart

import 'package:flutter/material.dart';

import 'package:flutter\_test/flutter\_test.dart';

import 'package:test1/main.dart';

import 'package:projname/main.dart';

void main() {

testWidgets('', (WidgetTester tester) async{

await tester.pumpWidget(const MyApp());

final namefield = find.widgetWithText(TextFormField, "Name");

expect(namefield, findsOneWidget);

await tester.tap(namefield);

await tester.enterText(namefield, "Some name");

final passfield = find.widgetWithText(TextFormField, "Password");

expect(passfield, findsOneWidget);

await tester.tap(passfield);

await tester.enterText(passfield, "some password");

final logiButton = find.widgetWithText(ElevatedButton, "Login");

expect(logiButton, findsOneWidget);

await tester.tap(logiButton);

await tester.pump();

expect(find.text("Login successful"), findsOneWidget);

});

}

Now open terminal and type :

flutter test test/login\_test.dart

**Email\_password\_field\_validator\_test.dart**

import 'package:flutter/material.dart';

import 'package:flutter\_test/flutter\_test.dart';

import 'package:test1/main.dart';

void main() {

testWidgets('', (WidgetTester tester) async{

await tester.pumpWidget(const MyApp());

final emailfield = find.widgetWithText(TextFormField, "Email");

expect(emailfield, findsOneWidget);

await tester.tap(emailfield);

await tester.enterText(emailfield, "Some name");

await tester.pump();

});

}

Now in terminal type

flutter test test/email\_password\_field\_validator\_test.dart

**—--------------------------------------------------------------**

**6. Design a responsive UI for college website. The home page must have college name and logo. It must**

**have tabs like About Us, Academics, Library, Placements and Admissions. The home page must also**

**have an announcement section.**

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

**void main() => runApp(CollegeApp());**

**class CollegeApp extends StatelessWidget {**

**@override**

**Widget build(BuildContext context) {**

**return MaterialApp(**

**title: 'College Website',**

**theme: ThemeData(**

**primarySwatch: Colors.deepPurple,**

**),**

**home: CollegeHomePage(),**

**);**

**}**

**}**

**class CollegeHomePage extends StatefulWidget {**

**@override**

**\_CollegeHomePageState createState() => \_CollegeHomePageState();**

**}**

**class \_CollegeHomePageState extends State<CollegeHomePage>**

**with SingleTickerProviderStateMixin {**

**late TabController \_tabController;**

**@override**

**void initState() {**

**super.initState();**

**\_tabController = TabController(length: 5, vsync: this);**

**}**

**@override**

**void dispose() {**

**\_tabController.dispose();**

**super.dispose();**

**}**

**@override**

**Widget build(BuildContext context) {**

**return Scaffold(**

**appBar: AppBar(**

**title: Text('College Name'),**

**bottom: TabBar(**

**controller: \_tabController,**

**tabs: [**

**Tab(text: 'About Us'),**

**Tab(text: 'Academics'),**

**Tab(text: 'Library'),**

**Tab(text: 'Placements'),**

**Tab(text: 'Admissions'),**

**],**

**),**

**),**

**body: Column(**

**crossAxisAlignment: CrossAxisAlignment.stretch,**

**children: [**

**Container(**

**padding: EdgeInsets.all(16.0),**

**color: Colors.grey[300],**

**child: Column(**

**children: [**

**Text(**

**'Announcements',**

**style: TextStyle(fontSize: 24.0, fontWeight: FontWeight.bold),**

**),**

**SizedBox(height: 16.0),**

**Text(**

**'Welcome to our college website! We are excited to announce the latest news and updates about our college. Stay tuned for more information.',**

**style: TextStyle(fontSize: 16.0),**

**),**

**],**

**),**

**),**

**Expanded(**

**child: TabBarView(**

**controller: \_tabController,**

**children: [**

**Center(child: Text('About Us')),**

**Center(child: Text('Academics')),**

**Center(child: Text('Library')),**

**Center(child: Text('Placements')),**

**Center(child: Text('Admissions')),**

**],**

**),**

**),**

**],**

**),**

**);**

**}**

**}**

**7. Create a web manifest file for PWA.**