**CITI-HELP APP**

Members of Semester Three Cross Platform App Project:

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2. Student1413666 ALABI ESTHER FIYINFOLUWA

3. Student1339764 AKINLOLUWA VICTOR FOLORUNSHO

**Documentation for Citi-Help App Project**

Start Date: 17th of September, 2023

End Date: 26th of September, 2023

Aptech Computer Education, Alagbole.

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***CERTIFICATION OF COMPLETION***

This is to certify that the content of this project titled “Citi-Help”

has been completed by the group members, submitted to Aptech

Computer Education in partial fulfillment of the requirement of

Advanced Diploma in Software Engineering (ADSE).

**ACKNOWLEDGEMENTS**

We would like to express our heartfelt gratitude to all those who

supported and contributed to the successful completion of the

Citi-Help App project. This project has been a significant

learning experience for us, and we couldn't have accomplished it

without the help and encouragement of many individuals and

entities.

First and foremost, we want to thank God for granting us the

wisdom, strength, and guidance throughout this journey. Without

divine intervention, none of this would have been possible. We

are immensely grateful for the blessings and opportunities that

have come our way.

We extend our sincere thanks to our dedicated manager, Mr.

Jonathan for his invaluable guidance and support. Your expertise

and feedback were instrumental in shaping the direction of this

project. Your commitment to our growths as students has been

truly inspiring.

We would also like to acknowledge our esteemed faculty

member, Mr. Oladele Precious, who served as our teacher andprovided invaluable assistance and mentorship, playing a crucial role in the development and execution of this project.

We are indebted to our family for their unwavering support,

encouragement, and understanding during this demanding

project. Your belief in us fueled our determination to see this

through to the end.

We are deeply thankful to our fellow classmates and friends who

collaborated with us on this project. Your dedication, creativity,

and hard work played a crucial role in bringing our ideas to life.

Together, we overcame challenges and celebrated successes,

creating a strong sense of camaraderie that we will always

cherish.

Lastly, we want to thank Aptech, the esteemed institution where

we have had the privilege of studying. Your commitment to

fostering an environment of learning and innovation has been the

foundation upon which this project was built.

This journey has been both challenging and rewarding, and I am

thankful for the opportunity to contribute to the development ofthe Citi-Help App. I look forward to future endeavors and the

knowledge gained from this project that will undoubtedly shape

my path ahead.

Thank you all for being a part of this remarkable journey.

With gratitude,

ALABI ESTHER FIYINFEOLUWA

YISA ADEOLA LUKMAN

AKINLOLUWA VICTOR FOLORUNSHO

**17th of September, 2023.**

***PROJECT ANALYSIS***

This project analysis focuses on a cross-platform Application

“Citi-Help App”. The application aims to provide users

with a seamless and efficient way to convert currencies on

various devices and platforms. This Currency Conversion

Application has been developed using the Flutter framework,

with Visual Studio Code serving as the integrated development

environment (IDE). The emulator used was LD Player emulator.

***PROJECT SYNOPSIS***

The Citi-Help App is an innovative mobile application designed

to address the needs of urban citizens by providing them with a

comprehensive platform for accessing essential city services,

information, and assistance. The project was undertaken as a part

of our academic curriculum, with the aim of creating a user

friendly and efficient solution to enhance the quality of life for

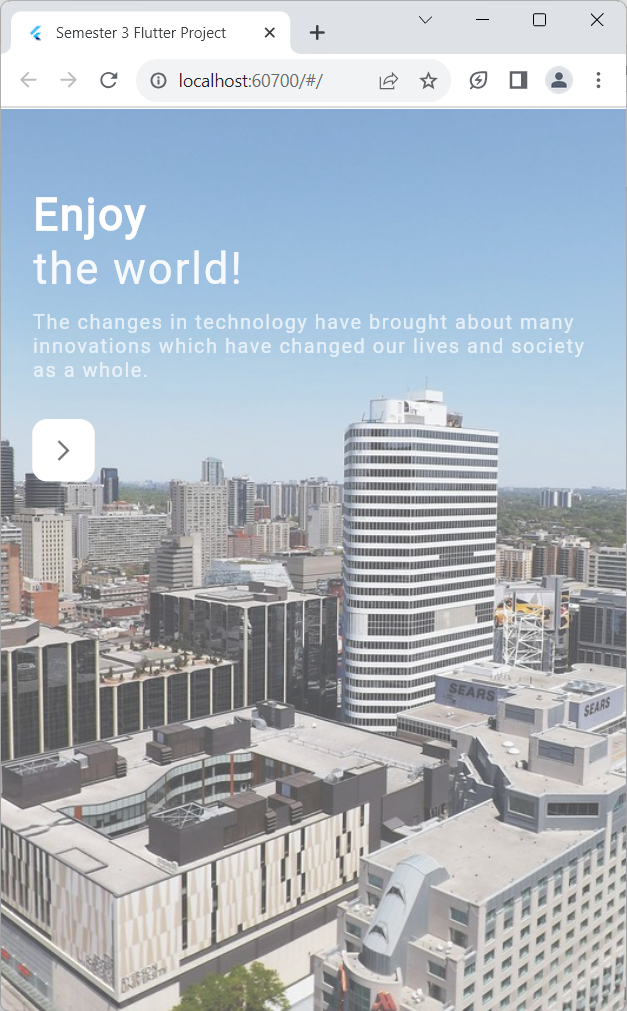
residents in urban areas.

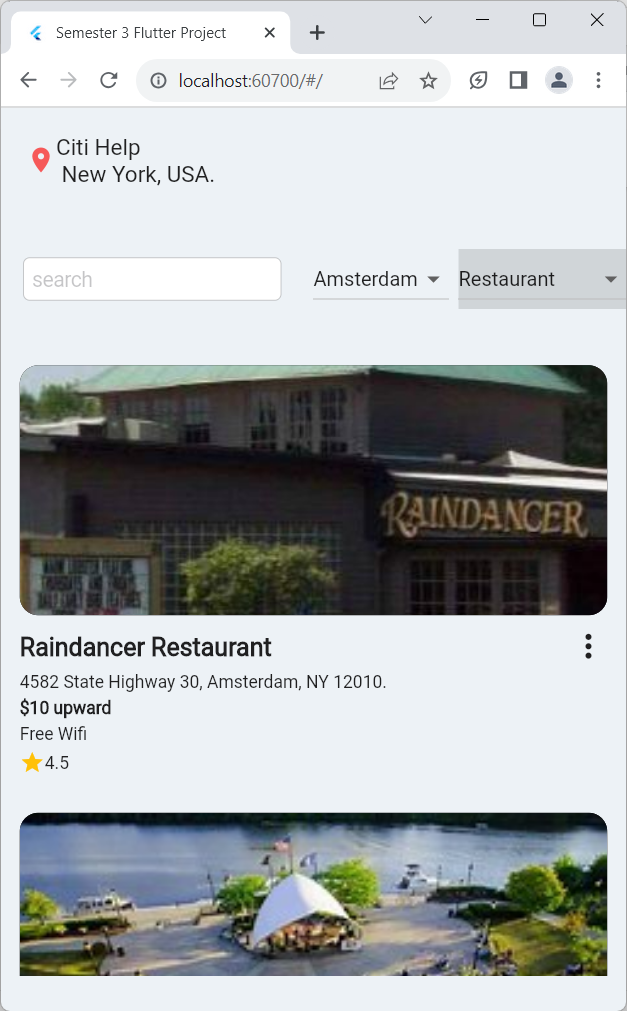
The primary objective of the Citi-Help App project is to develop

a mobile application that simplifies access to critical city

services and information. The key goals of the project include:Convenience: To provide a one-stop solution for accessing various city services, including hospitals, public restaurants, shopping mall, and more.

***PROJECT DESIGN(FLOWCHART) ***

***SCREENSHOTS*** 



***SOURCE CODE***

import 'package:flutter/material.dart';

import 'package:flutter/services.dart';

import 'screens/welcome\_screen.dart';

void main() {

runApp(const MyApp());

}

class MyApp extends StatefulWidget {

const MyApp({super.*key*});

@override

State<MyApp> createState() => \_MyAppState();

}

class \_MyAppState extends State<MyApp> {

@override

void initState() {

*// TODO: implement initState*

super.initState();

SystemChrome.setEnabledSystemUIMode(SystemUiMode.immersive);

}

*// This widget is the root of your application.*

@override

Widget build(BuildContext *context*) {

return MaterialApp(

debugShowCheckedModeBanner: false,

title: 'Semester 3 Flutter Project',

theme: ThemeData(

scaffoldBackgroundColor: Color(0xFFEDF2F6),

),

home: WelcomeScreen(),

);

}

}

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*// Hospital Section*

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"Albany Medical Colleges commitment to providing the highest quality of medical education, research and care

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community hospital in northeastern New York state.",

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Each room includes a cable TV and free WiFi. Free parking is offered to all guests.",

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1&s=1",

"description": "1926 Curry Rd, Schenectady, NY 12303-3902.",

},

{

"type": "Hotel",

"hotel Name": "Roosevelt Inn & Suites",

"price": "1500 per night",

"offer": "Free Wifi",

"city": "Amsterdam",

"star": "4.5",

"images":"https://dynamic-media-cdn.tripadvisor.com/media/photo-o/12/36/bd/97/roosevelt-inn-suites.jpg?w=1200&h=-1&s=1",

"description": "9 E Broadway St # 2961, Saratoga Springs, NY 12020.",

},

*// Auburn City Section*

*// Hospital Section*

{

"type": "Hospital",

"hotel Name": "Finger Lakes Medical Urgent Care Center",

"offer": "Free Wifi",

"price": "1120",

"city": "Auburn",

"star": "4",

"images":

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"description": "303 Grant Avenue Auburn, NY 13021.",

},

{

"type": "Hospital",

"hotel Name": "Urgent Care of Auburn",

"offer": "Free Wifi",

"price": "1300",

"city": "Auburn",

"star": "3.5",

"images":

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"description": "37 W Garden Street, Suite 105 Auburn, NY 13021.",

},

{

"type": "Hospital",

"hotel Name": "Auburn Community Hospital",

"offer": "Free Wifi",

"price": "2500",

"city": "Auburn",

"star": "4",

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"description": "17 Lansing St, Auburn, NY 13021, United States."

},

{

"type": "Hospital",

"hotel Name": "Health Central",

"offer": "Free Wifi",

"price": "2100 upward",

"city": "Auburn",

"star": "4.5",

"images":

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"description": "37 W Garden St, Auburn, NY 13021, United States.",

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"type": "Hospital",

"hotel Name": "Auburn Memorial Hospital: Location",

"offer": "Free Wifi",

"price": "1520 upward",

"city": "Auburn",

"star": "4.5",

"images":

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"description": "17 Lansing St, Auburn, NY 13021, United States.",

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*// Mall Section*

{

"type": "Mall",

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"price": "10 upward",

"city": "Auburn",

"star": "4",

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"description": "1579 Clark Street Rd, Auburn, NY 13022, United State.",

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"type": "Mall",

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"offer": "Free Wifi",

"price": "20 upward",

"city": "Auburn",

"star": "4.5",

"images":

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},

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"type": "Mall",

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"offer": "Free Wifi",

"price": "25 upward",

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"description": "1628 Clark Street Rd, Auburn, NY 13021, United States."

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"offer": "Free Wifi",

"price": "20 upward",

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"star": "4",

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"description": "1628 Clark Street Rd, Auburn, NY 13021, United States.",

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{

"type": "Mall",

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"offer": "Free Wifi",

"price": "25 upward",

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"description": "1579 Clark Street Rd, Auburn, NY 13021, United State.",

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*// Restaurant Section*

{

"type": "Restaurant",

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"offer": "Free Wifi",

"price": "15 upward",

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"star": "4.5",

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"description": "Location: 3712 Center Street Rd, Auburn, NY 13021-9310",

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"type": "Restaurant","hotel Name": "Lascas Restaurant",

"offer": "Free Wifi",

"price": "10 upward",

"city": "Auburn",

"star": "4",

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"description": "252 Grant Ave, Auburn, NY 13021-1402.",

},

{

"type": "Restaurant",

"hotel Name": "Moros Table",

"offer": "Free Wifi",

"price": "20 upward",

"city": "Auburn",

"star": "5",

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"description": "1 E Genesse St, Auburn, NY 13021-4005."

},

{

"type": "Restaurant",

"hotel Name": "Balloons Restaurant & Catering",

"offer": "Free Wifi",

"price": "25 upward",

"city": "Auburn",

"star": "4.5",

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"description": "67 Washington St, Auburn, NY 13021-2402. ",

},

{

"type": "Restaurant",

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"offer": "Free Wifi",

"price": "15 upward",

"city": "Auburn",

"star": "4",

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"description": "28 State St, Auburn, NY 13021-3625.",

},

*// Hotel Section*

{

"type": "Hotel",

"hotel Name": "Springside Inn",

"price": "1200 per night",

"offer": "Free Wifi",

"city": "Auburn",

"star": "4.5",

"images":

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"description": "6141 W Lake Rd, Auburn, NY 13021-5640.",

},

{

"type": "Hotel",

"hotel Name": "Whispering Winds Motel",

"price": "2500 per night",

"offer": "Free Wifi",

"city": "Auburn",

"star": "5",

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{"type": "Hotel",

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"price": "1600 per night",

"offer": "Free Wifi",

"city": "Auburn",

"star": "4.5",

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"description": "19 McMaster St, Auburn, NY 13021-2447."

},

{

"type": "Hotel",

"hotel Name": "Hilton Garden Inn Auburn",

"price": "1200 per night",

"offer": "Free Wifi",

"city": "Auburn",

"star": "3.5",

"images":

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"description": "74 State St, Auburn, NY 13021.",

},

{

"type": "Hotel",

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"price": "1500 per night",

"offer": "Free Wifi",

"city": "Auburn",

"star": "4",

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"description": "12 Seminary Ave, Auburn, NY 13021-2600.",

},

*// Batavia City Section*

*// Hospital Section*

{

"type": "Hospital",

"hotel Name": "United Memorial Medical Center",

"offer": "Free Wifi",

"price": "1300",

"city": "Batavia",

"star": "5",

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"description": "127 North St, Batavia, NY 14020.",

},

{

"type": "Hospital",

"hotel Name": "Medina Memorial Health Care",

"offer": "Free Wifi",

"price": "1210",

"city": "Batavia",

"star": "4.5",

"images":

"https://www.bing.com/th?id=OLC.HRGtoEv27h06vA480x360&w=208&h=183&c=8&rs=1&qlt=90&dpr=1.3&pid=3.1&rm=2",

"description": "587 E Main St, Batavia, NY 14020.",

},

{

"type": "Hospital",

"hotel Name": "Batavia VA Medical Center",

"offer": "Free Wifi",

"price": "2100",

"city": "Batavia",

"star": "4",

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},

{

"type": "Hospital",

"hotel Name": "Batavia Primary Care",

"offer": "Free Wifi",

"price": "2010",

"city": "Batavia",

"star": "4",

"images":

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"description": "16 Bank Street, Batavia, NY 14020.",

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{

"type": "Hospital",

"hotel Name": "Summit Medical Center",

"offer": "Free Wifi",

"price": "1500",

"city": "Batavia",

"star": "4.5",

"images":

"https://www.bing.com/th?id=OLC.XtwyGPdh3azFKA480x360&w=180&h=200&c=7&rs=1&qlt=80&cdv=1&dpr=1.3&pid=Local",

"description": "229 Summit St, Batavia, NY 14020.",

},

*// Mall Section*

{

"type": "Mall",

"hotel Name": "Batavia Bootery",

"offer": "Free Wifi",

"price": "10 upward",

"city": "Batavia",

"star": "3.5",

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"description": "210 E Main St Batavia, NY 14020.",

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{

"type": "Mall",

"hotel Name": "Dollar General",

"offer": "Free Wifi",

"price": "15 upward",

"city": "Batavia",

"star": "4",

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"description": "412 E Main St Batavia, NY 14020.",

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{

"type": "Mall",

"hotel Name": "Kohl's",

"offer": "Free Wifi",

"price": "20 upward",

"city": "Batavia",

"star": "5",

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"description": "4170 Veterans Memorial Dr Batavia, NY 14020."

},

{

"type": "Mall",

"hotel Name": "Walmart Supercenter",

"offer": "Free Wifi",

"price": "15 upward",

"city": "Batavia",

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"description": "4133 Veterans Memorial Dr Batavia, NY 14020.",

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{

"type": "Mall",

"hotel Name": "Ashley HomeStore Outlet",

"offer": "Free Wifi",

"price": "29 upward",

"city": "Batavia",

"star": "4.5",

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"description": "587 E Main St Batavia, NY 14020.",

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*// Restaurant Section*

{

"type": "Restaurant",

"hotel Name": "Main St Pizza Company",

"offer": "Free Wifi",

"price": "30 upward",

"city": "Batavia",

"star": "5",

"images":

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"description": "206 E Main St, Batavia, NY 14020-2223.",

},

{

"type": "Restaurant",

"hotel Name": "Bourbon & Burger Co.",

"offer": "Free Wifi",

"price": "15 upward",

"city": "Batavia",

"star": "4.5",

"images":

"https://dynamic-media-cdn.tripadvisor.com/media/photo-o/1b/42/b7/14/front-of-the-restaurant.jpg?w=600&h=-

1&s=1",

"description": "9 Jackson St., Batavia, NY 14020-3201.",

},

{

"type": "Restaurant",

"hotel Name": "Yume Asian Bistro",

"offer": "Free Wifi",

"price": "10 upward",

"city": "Batavia",

"star": "3.5",

"images":

"https://dynamic-media-cdn.tripadvisor.com/media/photo-o/1b/2b/92/91/yume-asian-bistro.jpg?w=600&h=400&s=1",

"description": "4140 Veterans Memorial Dr, Batavia, NY 14020-4073."

},

{

"type": "Restaurant",

"hotel Name": "Settler's Family Restaurant",

"offer": "Free Wifi",

"price": "20 upward",

"city": "Batavia",

"star": "4",

"images":

"https://dynamic-media-cdn.tripadvisor.com/media/photo-o/0d/26/54/b3/settlers-restaurant.jpg?w=600&h=400&s=1",

"description": "353 W Main St, Batavia, NY 14020-1338.",

},

{

"type": "Restaurant",

"hotel Name": "Eli Fish Brewing Company",

"offer": "Free Wifi",

"price": "25 upward",

"city": "Batavia","star": "4.5",

"images":

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"description": "109 Main St, Batavia, NY 14020-2110.",

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*// Hotel Section*

{

"type": "Hotel",

"hotel Name": "Hotel at Batavia Downs",

"price": "1200 per night",

"offer": "Free Wifi",

"city": "Batavia",

"star": "4.5",

"images":

"https://cf.bstatic.com/xdata/images/hotel/square600/81891829.webp?k=dbcd5d0107db6fe6c6eb7131162744678acd13b86

ca8caaf64e0066c99f1791d&o=",

"description":

"Featuring free WiFi and a restaurant, Hotel at Batavia Downs offers accommodation in Batavia, 49 km from

Amherst. There is a restaurant and bar and guests can have fun at the casino.",

},

{

"type": "Hotel",

"hotel Name": "Hampton Inn Batavia",

"price": "2500 per night",

"offer": "Free Wifi",

"city": "Batavia",

"star": "4.5",

"images":

"https://cf.bstatic.com/xdata/images/hotel/square600/473288055.webp?k=f0119e64fb3ca9b49451fe279f2951cd15712684

80d9096edbe91e5352f7be55&o=",

"description":

"Off Interstate 90 in Batavia, New York, this hotel features signature Cloud Nine beds, a free daily hot

breakfast and easy access to local attractions, including Darien Lake Amusement Park..",

},

{

"type": "Hotel",

"hotel Name": "Landmark North Berkeley home",

"price": "1400 per night",

"offer": "Free Wifi",

"city": "Batavia",

"star": "3.5",

"images":

"https://cf.bstatic.com/xdata/images/hotel/max1024x768/241382278.jpg?k=9970ebc22c57a1dc73b4ab029ddae192377a85c

a8af612d9da2935daca5f1fe8&o=&hp=1",

"description":

"Located in Berkeley in the California region, Landmark North Berkeley home features a patio. This property

offers access to a balcony, free private parking and free WiFi."

},

{

"type": "Hotel",

"hotel Name": "River Spring Lodge",

"price": "1220 per night",

"offer": "Free Wifi",

"city": "Batavia",

"star": "4.5",

"images":

"https://cf.bstatic.com/xdata/images/hotel/square600/72800234.webp?k=f65fbd2384b36f4d02cb5400aebef73fba766fd04

ece9d5387a45d6049144a62&o=",

"description":

"River Spring Lodge has garden views, free WiFi and free private parking, situated in Darien, 10 km from

Darien Lake Theme Park & Resort.",

},

{

"type": "Hotel",

"hotel Name": "Fairfield by Marriott Inn & Suites Batavia",

"price": "1550 per night","offer": "Free Wifi",

"city": "Batavia",

"star": "4",

"images":

"https://cf.bstatic.com/xdata/images/hotel/square600/444122793.webp?k=a3288b2d4ed17c6c89bf5542cee8aaf49f3c5a33

11096e72b27b092c40fee2a8&o=",

"description":

"Fairfield by Marriott Inn & Suites Batavia is located in Batavia. The property is around 27 km from Darien

Lake Theme Park & Resort, 34 km from Genesee Country Village Museum and 43 km from SUNY...",

},

*// Beacon City Section*

*// Hospital Section*

{

"type": "Hospital",

"hotel Name": "St Luke's Cornwall Hospital",

"offer": "Free Wifi",

"price": "1350",

"city": "Beacon",

"star": "4.5",

"images":

"https://s3-media0.fl.yelpcdn.com/bphoto/P6dESg2qp9OytE91\_K51hA/348s.jpg",

"description": "70 Dubois St Newburgh, NY 12550.",

},

{

"type": "Hospital",

"hotel Name": "Va Castle Point",

"offer": "Free Wifi",

"price": "1260",

"city": "Beacon",

"star": "3.5",

"images":

"https://s3-media0.fl.yelpcdn.com/bphoto/fNUOalkJQjtNjL0XWbINLQ/l.jpg",

"description": "41 Castle Point Rd Wappingers Falls, NY 12590.",

},

{

"type": "Hospital",

"hotel Name": "St Lukes Cornwall Hospital",

"offer": "Free Wifi",

"price": "2300 upward",

"city": "Beacon",

"star": "4.5",

"images":

"https://s3-media0.fl.yelpcdn.com/bphoto/ccp3DBC5Zj31P-MRXxWc3w/l.jpg",

"description": "19 Laurel Ave Cornwall, NY 12518."

},

{

"type": "Hospital",

"hotel Name": "Bright Smiles of Beacon",

"offer": "Free Wifi",

"price": "1650 upward",

"city": "Beacon",

"star": "3.5",

"images":

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2VcOifrJIjPYFYkOtaCZxxXQ2c8RSDiXNgPNly6jaoYJyVQsHuZ6DZCHKwp2EjiFO0Xk5c\_YFQGWex6IhBkWBIuRuA",

"description": "616 Rt 52, Beacon, NY 12508, Beacon.",

},

{

"type": "Hospital",

"hotel Name": "Beacon Dental",

"offer": "Free Wifi",

"price": "2300 upward",

"city": "Beacon",

"star": "4.5",

"images":"https://pr0.nicelocal.com/ABY3tbJoFuXSrcQBlLSFuQ/252x168,q85/4px-BW84\_n0QJGVPszge3NRBsKw-

2VcOifrJIjPYFYkOtaCZxxXQ2cSEwQTpitWRdl2A\_\_roaZjaPq0MnWdh8vFg6p8Vn103jcZ1l2fTiq8DryLA3UevQA",

"description": "Beacon, NY 12508, 1020 Wolcott Ave Suite #2, Beacon.",

},

*// Mall Section*

{

"type": "Mall",

"hotel Name": "Vintage Beacon",

"offer": "Free Wifi",

"price": "10 upward",

"city": "Beacon",

"star": "5",

"images":

"https://s3-media0.fl.yelpcdn.com/bphoto/0C\_0btAN0vgVW4V2mBiYYQ/348s.jpg",

"description": "478 Main St Beacon, NY 125082.",

},

{

"type": "Mall",

"hotel Name": "Solstad House",

"offer": "Free Wifi",

"price": "20 upward",

"city": "Beacon",

"star": "4.5",

"images":

"https://s3-media0.fl.yelpcdn.com/bphoto/g6NyikLKkHafMxtWp\_tDOA/348s.jpg",

"description": "488 Main St Beacon, NY 12508.",

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{

"type": "Mall",

"hotel Name": "Little King",

"offer": "Free Wifi",

"price": "15 upward",

"city": "Beacon",

"star": "4",

"images":

"https://s3-media0.fl.yelpcdn.com/bphoto/OdVCD5MRK3XMsflGWHMErQ/348s.jpg",

"description": "199 Main St Beacon, NY 12508."

},

{

"type": "Mall",

"hotel Name": "Sybil",

"offer": "Free Wifi",

"price": "30 upward",

"city": "Beacon",

"star": "3.5",

"images":

"https://s3-media0.fl.yelpcdn.com/bphoto/9MPQSeMsTGltRXFx8YP7rA/348s.jpg",

"description": "426 Main St Ste 1 Beacon, NY 12508.",

},

{

"type": "Mall",

"hotel Name": "The Vinyl Room",

"offer": "Free Wifi",

"price": "20 upward",

"city": "Beacon",

"star": "4.5",

"images":

"https://s3-media0.fl.yelpcdn.com/bphoto/rvzC9truTtFpSFMxOsiadA/348s.jpg",

"description": "396 Main St Beacon, NY 12508.",

},

*// Restaurant Section*

{

"type": "Restaurant",

"hotel Name": "Isamu",

"offer": "Free Wifi","price": "10 upward",

"city": "Beacon",

"star": "3.5",

"images":

"https://s3-media0.fl.yelpcdn.com/bphoto/5-navYNEoo\_fl7cH7rKRiw/348s.jpg",

"description": "240 Main St Beacon, NY 12508.",

},

{

"type": "Restaurant",

"hotel Name": "Draught Industries",

"offer": "Free Wifi",

"price": "20 upward",

"city": "Beacon",

"star": "4.5",

"images":

"http://upload.wikimedia.org/wikipedia/en/thumb/e/e9/Albany\_Med\_logo.svg/500px-Albany\_Med\_logo.svg.png",

"description": "394 Main St Beacon, NY 12508.",

},

{

"type": "Restaurant",

"hotel Name": "W T F Beacon",

"offer": "Free Wifi",

"price": "15 upward",

"city": "Beacon",

"star": "4",

"images":

"https://s3-media0.fl.yelpcdn.com/bphoto/B9x9bpI-OrlxGIWKifHNJQ/348s.jpg",

"description": "195 Main St Beacon, NY 12508i."

},

{

"type": "Restaurant",

"hotel Name": "The Roundhouse",

"offer": "Free Wifi",

"price": "30 upward",

"city": "Beacon",

"star": "4.5",

"images":

"https://s3-media0.fl.yelpcdn.com/bphoto/Gm6ypGEqwnUGxieKEPw0Mg/348s.jpg",

"description": "2 E Main St Beacon, NY 12508.",

},

{

"type": "Restaurant",

"hotel Name": "Beacon Bread Company",

"offer": "Free Wifi",

"price": "25 upward",

"city": "Beacon",

"star": "5",

"images":

"https://s3-media0.fl.yelpcdn.com/bphoto/Zg7pJ9aQIrdtVVr9id6QyQ/348s.jpg",

"description": "193 Main St Beacon, NY 12508.",

},

*// Hotel Section*

{

"type": "Hotel",

"hotel Name": "Beacon Hotel",

"price": "145 per night",

"offer": "Free Wifi",

"city": "Beacon",

"star": "4.5",

"images":

"https://content.r9cdn.net/rimg/himg/8c/e9/d4/expediav2-1070771082-28978a-

446379.jpg?width=335&height=268&crop=true",

"description": "424 Main Street, Beacon, NY 12508, United States.",

},

{

"type": "Hotel","hotel Name": "The RoundHouse",

"price": "249 per night",

"offer": "Free Wifi",

"city": "Beacon",

"star": "5",

"images":

"https://content.r9cdn.net/rimg/himg/f8/de/32/ostrovok-502326-931423-

414704.jpg?width=335&height=268&crop=true",

"description": "2 East Main Street, Beacon, NY 12508, United States.",

},

{

"type": "Hotel",

"hotel Name": "Brinckerhoff Inn",

"price": "268 per night",

"offer": "Free Wifi",

"city": "Beacon",

"star": "4",

"images":

"https://content.r9cdn.net/rimg/himg/8b/07/37/hotelsdotcom-737901024-860842d0\_w-

349053.jpg?width=335&height=268&crop=true&outputtype=webp",

"description": "1577 New York 52, Fishkill, NY 12524, United States."

},

{

"type": "Hotel",

"hotel Name": "Courtyard by Marriott Fishkill",

"price": "131 per night",

"offer": "Free Wifi",

"city": "Beacon",

"star": "4.5",

"images":

"https://content.r9cdn.net/rimg/himg/8e/3b/72/leonardo-621675-151613010-

479381.jpg?width=335&height=268&crop=true&outputtype=webp",

"description": "17 Westage Drive, Fishkill, NY 12524, United States.",

},

{

"type": "Hotel",

"hotel Name": "Hilton Garden Inn Poughkeepsie/Fishkill",

"price": "144 per night",

"offer": "Free Wifi",

"city": "Beacon",

"star": "4",

"images":

"https://content.r9cdn.net/rimg/himg/b7/06/be/expediav2-100379-e5c232-

996220.jpg?width=335&height=268&crop=true&outputtype=webp",

"description": "25 Westage Road, Fishkill, NY 12524, United States.",

},

];

Home app Bar

import 'package:flutter/material.dart';

class HomeAppBar extends StatelessWidget {

const HomeAppBar({super.*key*});

@override

Widget build(BuildContext *context*) {

return Padding(

*padding*: EdgeInsets.all(20),

*child*: Row(

*mainAxisAlignment*: MainAxisAlignment.spaceBetween,

*children*: [

Row(*children*: [

Icon(

Icons.location\_on,

*color*: Color(0xFFF65959),

),

Text(

"Citi Help \n New York, USA.",

*style*: TextStyle(

*fontSize*: 18,

*fontWeight*: FontWeight.w500,

),

)

],

),

],

),

);

}

}

Home Screen

import 'package:flutter/cupertino.dart';

import 'package:flutter/material.dart';

import 'package:searchapp/main.dart';

import '../widgets/home\_app\_bar.dart';

class HomePage extends StatefulWidget {

@override

State<HomePage> createState() => \_HomePageState();

}

class \_HomePageState extends State<HomePage> {

TextEditingController controller = TextEditingController();

List<String> citylist = <String>[

'Albany',

'Amsterdam',

'Auburn',

'Batavia',

'Beacon',

];

List<String> category = <String>[

'Hospital',

'Mall',

'Restaurant',

'Hotel',

];

*// var category = [*

*//*

*'Hospital',*

*//*

*'Mall',*

*//*

*'Restaurant',*

*//*

*'Hotel',*

*// ];*

String? cityValue = null;

String? categoryValue;

List<Map<String, dynamic>> dbItems() {

return db.where((*element*) {bool returnValue = false;

if (categoryValue == null || cityValue == null) {

return (*element*['hotel Name'])

?.toLowerCase()

.contains(controller.text.trim().toLowerCase()) ==

true;

}

if ((*element*['city'])

?.toLowerCase()

.contains(cityValue?.toLowerCase() ?? "-1") ==

true &&

(*element*['type'])

?.toLowerCase()

.contains(categoryValue?.toLowerCase() ?? "-1") ==

true &&

(*element*['hotel Name'])

?.toLowerCase()

.contains(controller.text.trim().toLowerCase()) ==

true) {

returnValue = true;

}

return returnValue;

}).toList();

}

void setVal() {

setState(() {});

}

@override

void initState() {

controller.addListener(setVal);

super.initState();

}

@override

void dispose() {

controller.removeListener(setVal);

super.dispose();

}

@override

Widget build(BuildContext *context*) {

return Scaffold(

*appBar*: PreferredSize(

*preferredSize*: Size.fromHeight(90.0),

*child*: HomeAppBar(),

),

*body*: SafeArea(

*child*: Padding(

*padding*: EdgeInsets.symmetric(*vertical*: 30),

*child*: SingleChildScrollView(

*child*: Column(

*children*: [

Row(

*children*: [

Expanded(

*child*: Padding(

*padding*: const EdgeInsets.symmetric(*horizontal*: 18.0),

*child*: CupertinoTextField(

*placeholder*: "search",

*controller*: controller,

),

),

),

SizedBox(*width*: 8,

),

DropdownButton<String>(

*hint*: Text(

"select city",

),

*value*: cityValue,

*onChanged*: (String? *newValue*) {

setState(() {

cityValue = *newValue*;

});

},

*items*: citylist

.map<DropdownMenuItem<String>>((String *value*) {

return DropdownMenuItem<String>(

*value*: *value*,

*child*: Text(*value*),

);

}).toList(),

),

SizedBox(

*width*: 8,

),

DropdownButton<String>(

*hint*: Text("Select category"),

*value*: categoryValue,

*onChanged*: (String? *newValue*) {

setState(() {

categoryValue = *newValue*;

});

},

*items*: category

.map<DropdownMenuItem<String>>((String *value*) {

return DropdownMenuItem<String>(

*value*: *value*,

*child*: Text(*value*),

);

}).toList(),

),

],

),

SizedBox(*height*: 20),

SizedBox(*height*: 10),

Builder(*builder*: (*context*) {

var data = dbItems();

return ListView.builder(

*physics*: NeverScrollableScrollPhysics(),

*itemCount*: data.length,

*shrinkWrap*: true,

*itemBuilder*: (BuildContext *context*, int *index*) {

var datum = data[*index*];

return Padding(

*padding*: EdgeInsets.all(15),

*child*: Column(

*children*: [

Container(

*height*: 200,

*decoration*: BoxDecoration(

*color*: Colors.black,

*borderRadius*: BorderRadius.circular(15),

*image*: DecorationImage(

*image*: NetworkImage(

datum['images'],

),

*fit*: BoxFit.cover,

*opacity*: 1,

),),

),

Padding(

*padding*: EdgeInsets.only(*top*: 10),

*child*: Row(

*mainAxisAlignment*:

MainAxisAlignment.spaceBetween,

*children*: [

Text(

datum['hotel Name'],

*style*: TextStyle(

*fontSize*: 20,

*fontWeight*: FontWeight.w600,

),

),

Icon(Icons.more\_vert, *size*: 30),

],

),

),

SizedBox(*height*: 5),

Row(

*children*: [

Expanded(

*child*: Text(

"${*datum*["description"]}",

*style*: TextStyle(

*fontWeight*: FontWeight.w300,

),

),

),

],

),

SizedBox(*height*: 5),

Row(

*children*: [

Text(

r'$' '${*datum*["price"]}',

*style*: TextStyle(

*fontWeight*: FontWeight.w900,

),

),

],

),

SizedBox(*height*: 5),

Row(

*children*: [

Text(

"${*datum*["offer"]}",

*style*: TextStyle(

*fontWeight*: FontWeight.w500,

),

),

],

),

SizedBox(*height*: 5),

Row(

*children*: [

Icon(

Icons.star,

*color*: Colors.amber,

*size*: 20,

),

Text(

"${*datum*["star"]}",

*style*: TextStyle(

*fontWeight*: FontWeight.w500,

),),

],

),

],

),

);

},

);

}),

],

),

),

),

),

);

}

}

Welcome screen

import 'package:flutter/material.dart';

import 'home\_screen.dart';

class WelcomeScreen extends StatefulWidget {

const WelcomeScreen({super.*key*});

@override

State<WelcomeScreen> createState() => \_WelcomeScreenState();

}

class \_WelcomeScreenState extends State<WelcomeScreen> {

@override

Widget build(BuildContext *context*) {

return Container(

*decoration*: BoxDecoration(

*image*: DecorationImage(

*image*: AssetImage("assets/city3.jpg"),

*fit*: BoxFit.cover,

*opacity*: 0.7,

),

),

*child*: Material(

*color*: Colors.transparent,

*child*: SafeArea(

*child*: Padding(

*padding*: EdgeInsets.symmetric(*vertical*: 65, *horizontal*: 25),

*child*: Column(

*crossAxisAlignment*: CrossAxisAlignment.start,

*children*: [

Text(

"Enjoy",

*style*: TextStyle(

*color*: Colors.white,

*fontSize*: 35,

*fontWeight*: FontWeight.bold,

*letterSpacing*: 1.5,),

),

SizedBox(*height*: 2),

Text(

"the world!",

*style*: TextStyle(

*color*: Colors.white.withOpacity(0.9),

*fontSize*: 35,

*fontWeight*: FontWeight.w400,

*letterSpacing*: 1.5,

),

),

SizedBox(*height*: 12),

Text(

"The changes in technology have brought about many innovations which have changed our lives and

society as a whole.",

*style*: TextStyle(

*color*: Colors.white.withOpacity(0.7),

*fontSize*: 16,

*letterSpacing*: 1.2,

),

),

SizedBox(*height*: 30),

InkWell(

*onTap*: () {

Navigator.push(

*context*,

MaterialPageRoute(

*builder*: (*context*) => HomePage(),

));

},

*child*: Ink(

*padding*: EdgeInsets.all(15),

*decoration*: BoxDecoration(

*color*: Colors.white,

*borderRadius*: BorderRadius.circular(12),

),

*child*: Icon(

Icons.arrow\_forward\_ios,

*color*: Colors.black54,

*size*: 20,

),

),

),

],

),

),

),

),

);

}

}