

OUR TEAM



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INTRODUCTION

Cornucopia is a restaurant finder app designed to provide customers with a personalized and seamless experience.

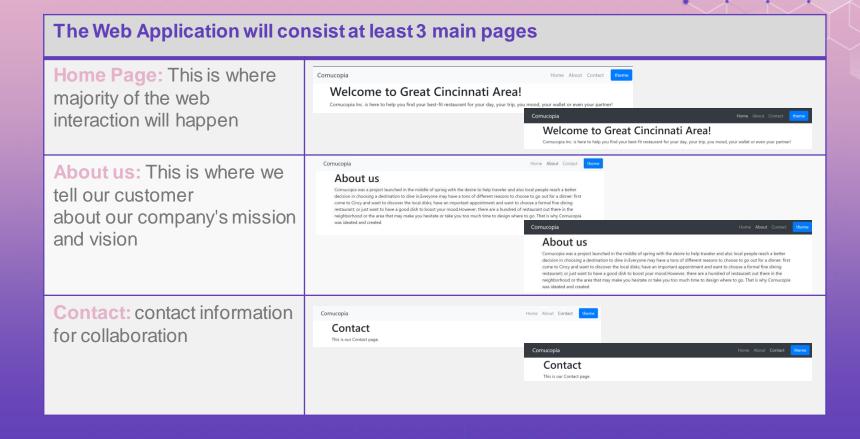


VISION

- Database of restaurant info and reviews from Google and Yelp
- Target audience: customers looking for restaurant and restaurant owners in Cincinnati
- Competitors: Yelp, Google, and Tripadvisor
- Website focuses on restaurant suggestions and reviews of dishes
- User interface like an "online-dating" app for picking a restaurant
- Description generated from databases or restaurant owners' profiles.



FRONT END DESIGN: MAIN PAGES



FRONT END DESIGN: CARD STACK FOR SWIPE-RIGHT

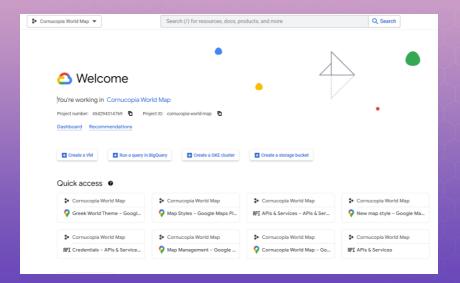
The idea is to generate a stack of card of every restaurant containing their image and some of the information to swipe left (or hit button).

This is an application based on Vue-2-interact to utilize the API and create an interactive webpage Here is the demo of the swipeable card stack



BACK-END USING GOOGLE MAP API

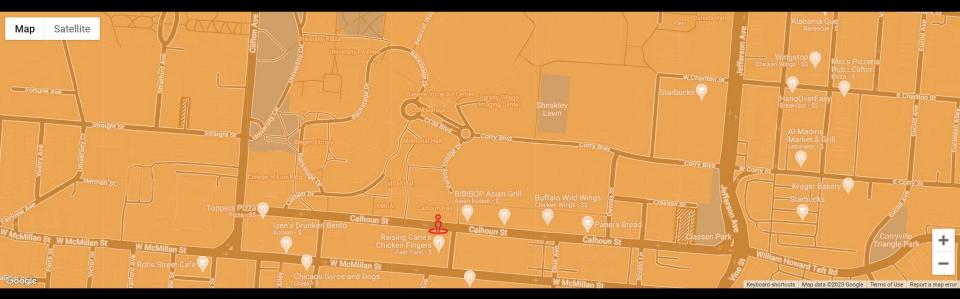
The restaurant data is collected using Google Cloud Platform. Data is scraped using Python and stored in Excel files. Explored the basic using Google API, enhance feature with Google supported functionality and Google Map JavaScript Map API



	\vee				Say Property	
Α	В	С	D	E	F	G
	business_status	geometry	icon	ackground	mask_bas	nam
0	OPERATIONAL	{'location': {'lat': 39.1433487, 'lng': -84.5197	https://	n#FF9E67	https://ma	Arlin's Bar & Restaurant
1	OPERATIONAL	{'location': {'lat': 39.106826, 'lng': -84.51253	https://	n#FF9E67	https://ma	On the Rhine Eatery
2	OPERATIONAL	{'location': {'lat': 39.1413241, 'lng': -84.5196	https://	n#FF9E67	https://ma	Baladi Restaurant & Bakery
3	OPERATIONAL	{'location': {'lat': 39.1350931, 'lng': -84.5031	https://	n#FF9E67	https://ma	Piada Italian Street Food
4	OPERATIONAL	{'location': {'lat': 39.1105411, 'lng': -84.5162	https://	n#FF9E67	https://ma	Salazar Restaurant • Chef Jose Sa
5	OPERATIONAL	{'location': {'lat': 39.1620763, 'lng': -84.5394	https://	n#FF9E67	https://ma	Blue Jay Restaurant
6	OPERATIONAL	{'location': {'lat': 39.1278306, 'lng': -84.5207	https://	n#FF9E67	https://ma	Good Plates Eatery
7	OPERATIONAL	{'location': {'lat': 39.1028885, 'lng': -84.5114	https://	n#FF9E67	https://ma	Nada
8	OPERATIONAL	{'location': {'lat': 39.1629041, 'lng': -84.5396	https://	n#FF9E67	https://ma	Katch The Kitchen Restaurant
9	OPERATIONAL	{'location': {'lat': 39.0847476, 'lng': -84.5176	https://	n#FF9E67	https://ma	Bouquet Restaurant
10	OPERATIONAL	{'location': {'lat': 39.1556341, 'lng': -84.6069	https://	n#FF9E67	https://ma	Santorini Family Restaurant
11	OPERATIONAL	{'location': {'lat': 39.1909043, 'lng': -84.4528	https://	n#FF9E67	https://ma	Demetrios V
12	OPERATIONAL	{'location': {'lat': 39.1557123, 'lng': -84.6086	https://	n#FF9E67	https://ma	Flope Bar & Restaurant
13	OPERATIONAL	{'location': {'lat': 39.1028645, 'lng': -84.5110	https://	n#FF9E67	https://ma	Sotto
14	OPERATIONAL	{'location': {'lat': 39.0858026, 'lng': -84.5216	https://	n#FF9E67	https://ma	The Fifth Restaurant
15	OPERATIONAL	{'location': {'lat': 39.140027, 'lng': -84.51312	https://	n#FF9E67	https://ma	Corinthian Restaurant
16	OPERATIONAL	{'location': {'lat': 39.0836563, 'lng': -84.5096	https://	n#FF9E67	https://ma	Coppin's Restaurant & Bar
17	OPERATIONAL	{'location': {'lat': 39.1062773, 'lng': -84.5151	https://	n#FF9E67	https://ma	Lalo Chino Latino Kitchen
18	OPERATIONAL	{'location': {'lat': 39.1191058, 'lng': -84.5994	https://	n#FF9E67	https://ma	Price Hill Chili Family Restaurant
19	OPERATIONAL	{'location': {'lat': 39.1651481, 'lng': -84.5019	https://	n#FF9E67	https://ma	Five Stars mediterranean restaura
20	OPERATIONAL	{'location': {'lat': 39.1278333, 'lng': -84.5175	https://	n#FF9E67	https://ma	Waffle House
21	OPERATIONAL	{'location': {'lat': 39.1436194, 'lng': -84.5190	https://	n#FF9E67	https://ma	Skyline Chili
22	OPERATIONAL	{'location': {'lat': 39.127979, 'lng': -84.51692	https://	n#FF9E67	https://ma	Raising Cane's Chicken Fingers
23	OPERATIONAL	{'location': {'lat': 39.0609043, 'lng': -84.5418	https://	n#FF9E67	https://ma	Fort Wright Family Restaurant
24	OPERATIONAL	{'location': {'lat': 39.1486716, 'lng': -84.4447	https://	n#FF9E67	https://ma	J. Alexander's Restaurant
25	OPERATIONAL	{'location': {'lat': 39.1284323, 'lng': -84.5163	https://	n#FF9E67	https://ma	BIBIBOP Asian Grill

CUSTOM THEME MAP WITH DATA FROM GOOGLE

Explore the restaurants around you in this Greek Theme



BACK-END: Server management and data caching

The codes are designed to effectively manage and communicate data to servers and the app.

BACK-END TRANSFERING DATA FROM SERVER TO APP

```
import app from "./server.js"
import mongodb from "mongodb"
import doteny from "doteny"
import RestaurantsDAO from "./dao/restaurantsDAO.js"
import ReviewsDAO from "./dao/reviewsDAO.js"
doteny.config()
const MongoClient = mongodb.MongoClient
const port = process.env.PORT || 8000
MongoClient.connect(
  process.env.RESTREVIEWS DB URI,
    poolSize: 50,
    wtimeout: 2500.
    useNewUrlParse: true }
    console.error(err.stack)
    process.exit(1)
   .then(async client => {
    await RestaurantsDAO.injectDB(client)
    await ReviewsDAO.injectDB(client)
    app.listen(port, () => {
      console.log(`listening on port ${port}`)
```

Customers Usage Data

- Including a login page for customers
- Storing user's data in a separate servers
- Analyzing users' references, we could implement a suggestion system based on their past restaurant.

