

Flavor

Team 3: Final Presentation

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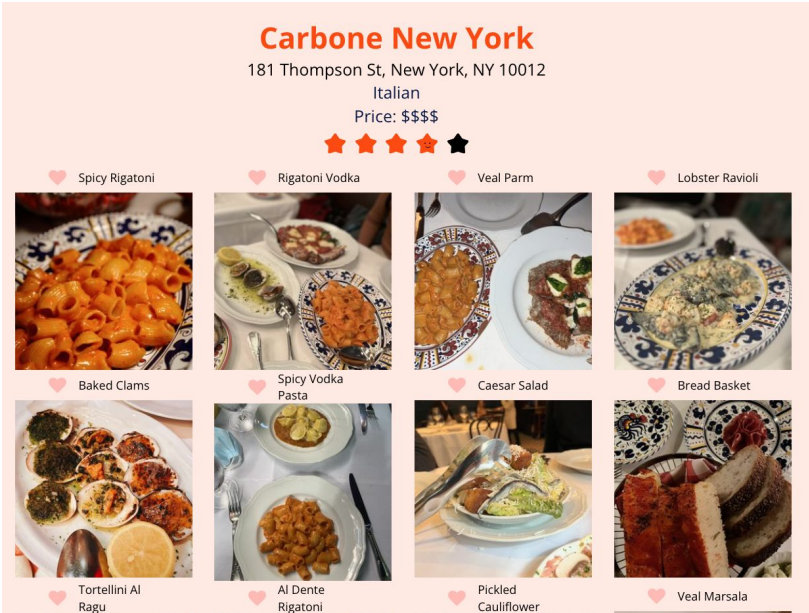
Product Idea, Background, and Value Proposition

Our idea originated from the all too familiar feeling of not knowing which dishes are considered the best at a given restaurant

Current State

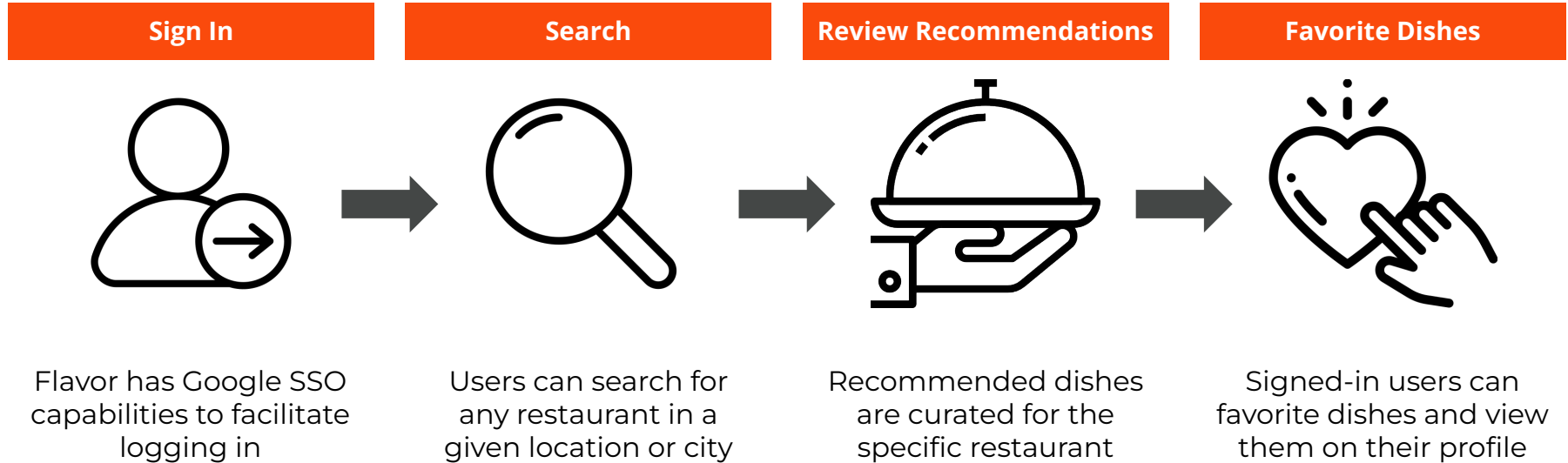


Future State with Flavor

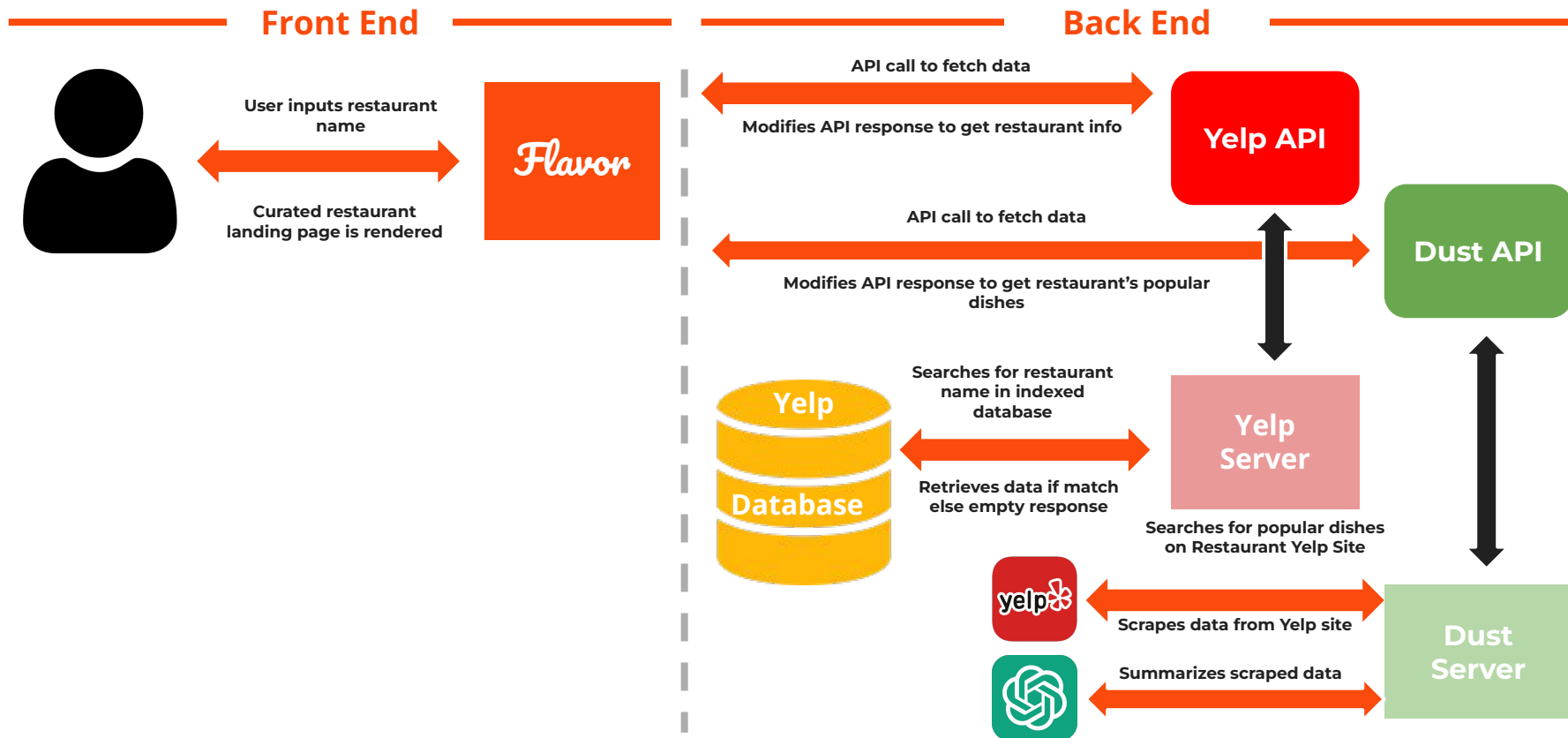


Primary Use Case

By searching for a given restaurant, consumers are presented with recommended dishes and information regarding food and service quality, which helps to alleviate the frustration of not knowing what to order



High-Level Technical Diagram



Complexity Drivers in App Development

Data Limitation Challenges

- **Yelp API's Restriction:** Offers only basic restaurant details (name, address, rating)
- **Our Solution:** Developed a scraping process for detailed data (popular dishes, customer reviews)

Efficient Data Extraction

- **Challenge of Excess Data:** Scraping retrieves unnecessary information
- **Our Strategy:** Pinpointed specific CSS selectors for relevant data extraction

Overcoming Scraping Barriers

- **Yelp's Anti-Scraping Mechanisms:** Blocks standard scraping methods
- **Our Approach:** Utilized Browserless service for undetected scraping and IP proxy rotation

Data Transformation Process

- **Raw Data Handling:** Scraped data in unstructured format
- **Our Solution:** Applied regex for parsing and converting data into JSON for Bubble ingestion

Lessons Learned

- **Complexity and Risk of Scraped Data:** Recognizing the challenges and risks in relying on scraped data
- **Future Outlook:** Anticipating stricter security measures from platforms like Yelp

Current Shortcomings & Potential Future Iterations

Shortcomings



Search Robustness: Search results that appears when a user searches for a restaurant occasionally contains irrelevant results.



Dependence on Yelp Scraper: While the Yelp scraper is effective for our MVP, it occasionally returns an error.

Future Features



User Ratings: Individuals who are signed into Flavor will be able to review the dishes and restaurants that they try.



Social Followers: Flavor could become its own social network with users having the ability to follow their favorite restaurants and foodies.



Suggestions or Deals: Allow restaurants to non-intrusively advertise deals that might be valid at the moment (i.e. happy hours) for a fee.



International Expansion & Localization Features: Release Flavor app and social media platform in 15 major markets across the globe.

Flavor Demo

Flavor

Welcome, Logan!



Discover Dishes Loved by Locals!

Restaurant, Address, or Dish

New York



Thank You!



*Savor every moment with **Flavor***