Caterli

Overview

Caterli is an online fine-dine food delivery portal where customers can find meals cooked at home. The idea is to serve meals prepared by a family member so that customers can eat a healthy home-cooked meal.

Success Criteria:

Once this project is complete:

- User will be able to search and filter restaurants of his choice
- User will be able to select food items and add /edit to his order
- User will be able to sign up/sign in, add delivery details and complete the order
- **User will have a beautiful and user-friendly application to react with**

User Stories

User Story #1

Users should be able to search for a restaurant by location or name.

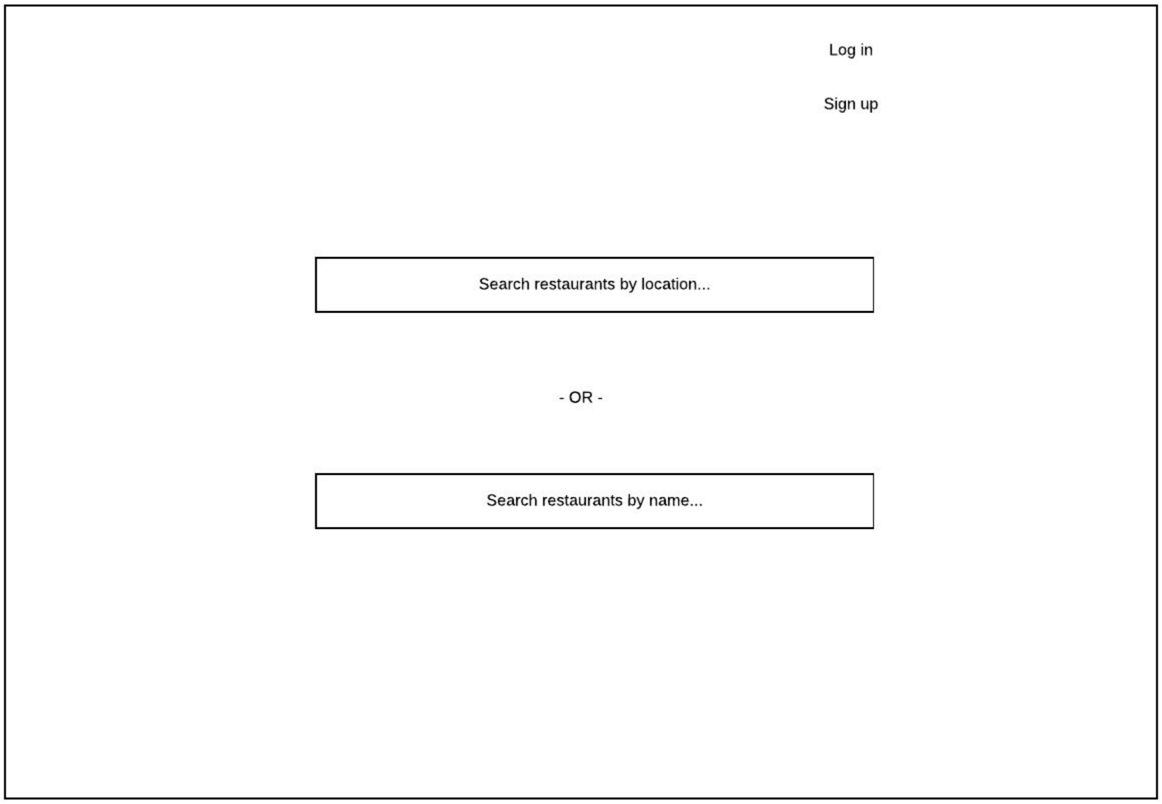
Details

This would be the landing page of your application. The user journey would start from here. On this page, you need to provide 2 inputs:

1. One input would be used to search for restaurants within the vicinity of the user. You would have to integrate Google Places to show suggested places when the user starts typing the name of the place.
2. The second input would help the user find the restaurant based on the searched name.

A user doesn’t have to login or sign up at this phase. A wireframe to give you an idea of what’s expected has been added.

A good example of reference is Swiggy!


Log in
Sign up
Search restaurants by location...
- OR -
Search restaurants by name...

2 APIs:

- One for showing the restaurants when the user performs a search. So, if I type “Behrou” then I should see a list of the restaurant whose title consists of the phrase “Behrou”. For example, Behrouz Biryani
- The second API would be to show a result based on the location. If it’s time-consuming to build this API, then just confirm that the developer has sent latitude and longitude from places API and send him a mock list of restaurants.

Please make sure you send the relevant filters too with these API.

User Story #2

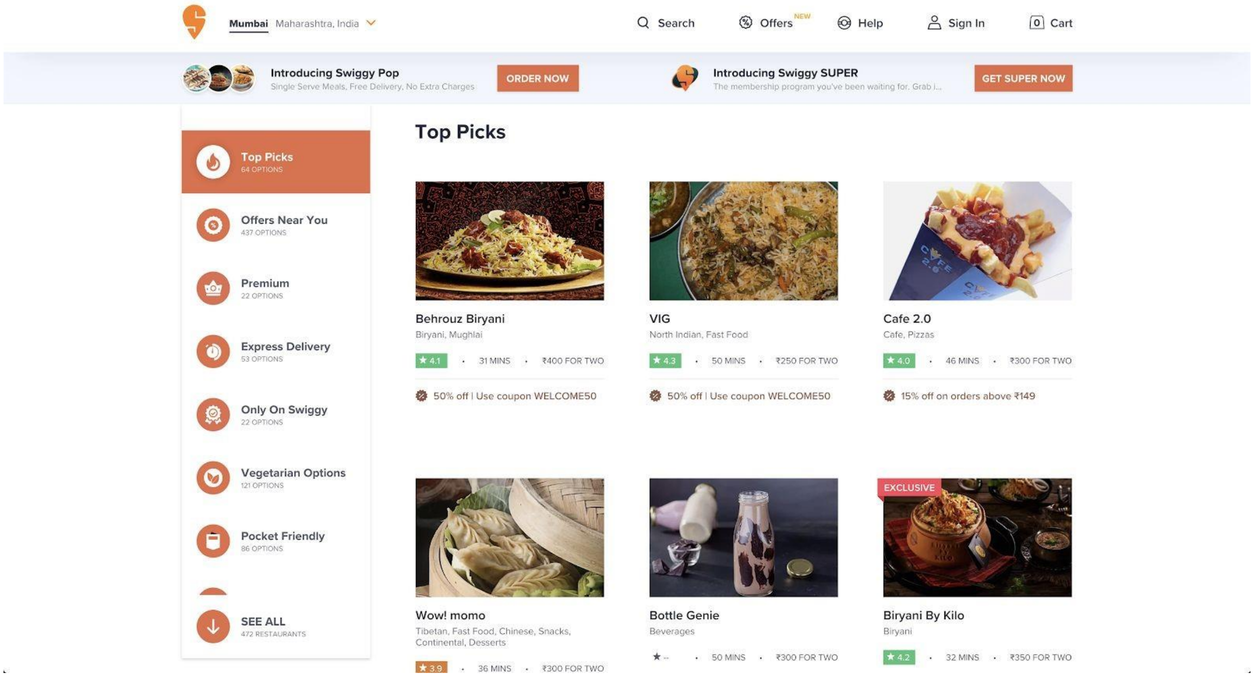
Users should be able to see the list of restaurants based on their inputs and response from the previous page.

Details

The page would be divided into 2 sections:

1. One section shows the list of restaurants. The list item should show the image of the restaurant, name, top five cuisines offered by the restaurant, rating, delivery time, how much would it cost for a couple of people (Rs. 300 for two) and discounts if any.
2. The other section should be reserved for filters. Below is the list of filters that should be shown:
    a. Preference
        i. Veg
        ii. Non-veg
    b. Cuisines
        i. North Indian
        ii. Chinese
        iii. Fast Food
        iv. Desserts
        v. Beverages
        vi. Bakery
        vii. South Indian
        viii. Street Food
        ix. Mughlai
        x. Biryani
    c. Sort by
        i. Popularity - high to low
        ii. Rating - high to low
        iii. Cost-high to low
        iv. Cost-low to high

The page should look something similar to the below-given image:


Mumbai Maharashtra, India
Search
Offers NEW
Help
Sign In
0 Cart
ORDER NOW
GET SUPER NOW
Top Picks 64 OPTIONS
Offers Near You 437 OPTIONS
Premium 22 OPTIONS
Express Delivery 53 OPTIONS
Only On Swiggy 22 OPTIONS
Vegetarian Options 121 OPTIONS
Pocket Friendly 86 OPTIONS
SEE ALL 472 RESTAURANTS
EXCLUSIVE

Introducing Swiggy Pop
Single Serve Meals, Free Delivery, No Extra Charges

Introducing Swiggy SUPER
The membership program you've been waiting for. Grab i...

Top Picks

Behrouz Biryani
Biryani, Mughlai
★ 4.1 · 31 MINS · ₹400 FOR TWO
50% off | Use coupon WELCOME50

VIG
North Indian, Fast Food
★ 4.3 · 50 MINS · ₹250 FOR TWO
50% off | Use coupon WELCOME50

Cafe 2.0
Cafe, Pizzas
★ 4.0 · 46 MINS · ₹300 FOR TWO
15% off on orders above ₹149

Wow! momo
Tibetan, Fast Food, Chinese, Snacks, Continental, Desserts
★ 3.9 · 36 MINS · ₹300 FOR TWO

Bottle Genie
Beverages
★ -- · 50 MINS · ₹300 FOR TWO

Biryani By Kilo
Biryani
★ 4.2 · 32 MINS · ₹350 FOR TWO

For making the page responsive, we recommend that you slide the filter section from left on the mobile phone as both the sections would not fit. Provide a floating button or something that visually tells the user that there is a filter section.

All filters should be functional.

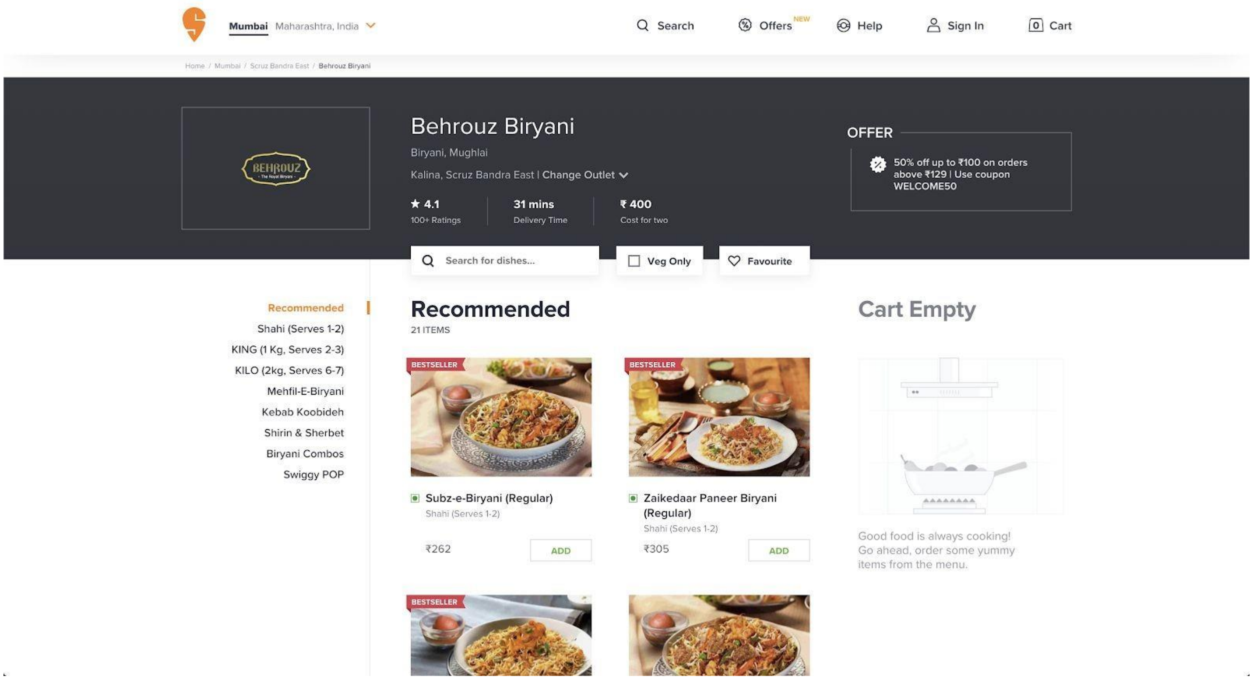
Clicking on the list item should take him to the cuisine selection page of the restaurant.

User Story #3

Users should be able to see the list of cuisines offered by the restaurant and add the quantity after clicking on one of the restaurants from the list seen on the previous page.

Details

This page should exactly look and work like Swiggy’s restaurant details and cuisine selection page. Adding a screenshot of the page:



Behrouz Biryani

Biryani, Mughlai

Kalina, Scruz Bandra East | Change Outlet

★ 4.1 100+ Ratings | 31 mins Delivery Time | ₹ 400 Cost for two

OFFER

50% off up to ₹100 on orders above ₹129 | Use coupon WELCOME50

Search for dishes...

□ Veg Only

♡ Favourite

Recommended

21 ITEMS

Subz-e-Biryani (Regular)
Shahi (Serves 1-2)
₹262

Zaikedaar Paneer Biryani (Regular)
Shahi (Serves 1-2)
₹305

Cart Empty

Good food is always cooking! Go ahead, order some yummy items from the menu.

To find this page:

- Go to swiggy.com
- Select a restaurant
- You should be able to see a screen that looks like the screenshot

All the features you see on their page are expected on this screen too. To list them:

- Restaurant Detail section on top
- Search for dishes, veg only checkbox and adding the restaurant as favorite which will then be visible under their profile.
- Categories on the left. For the mobile screen (responsive), you can create a floating button for categories. On clicking the button, you can show an absolutely positioned container to list the categories.
- Cuisines in the center

- The cart should be placed on the right as seen in the screenshot. For the mobile screen (responsive), again you can follow something on the line as discussed above for categories

Cuisine quantity selection should have a limit to avoid spam.

The user will not be able to checkout without signing up or signing in. At this point sign in/up is compulsory.

As a developer, you need to make sure that the user can never checkout without signing up/in as you would need the mobile number, delivery address and payment details to be saved.

We'll discuss sign in/up next.

The developer would need an API to retrieve the list of categories with cuisines with a set limit on the quantity to avoid spam.

User Story #4

Users should be able to sign in/sign up and apply for resetting the password using a modal that can open on any page. The user should sign in before checkout.

Details

For the user to sign up or sign in, there should be a button placed on the header. Clicking on this button should open a signup/ sign-in modal. If you aren’t aware of modals, please visit this link:
https://getbootstrap.com/docs/4.3/components/modal/#live-demo

Sign-in

- Sign in using phone number and password. Validation is compulsory on the frontend.
- *Forgot password link?* which opens in the same modal if the user forgets the password.
- “Remember me” option to remember the user on consecutive visits.
- Save the token received from the server after a successful login.

Sign-up

- Following fields are necessary with appropriate validation:
    - Full Name
    - Phone number
    - Email ID
    - Password
    - Confirm Password
- On successful login, save the token

Forgot Password

- Accept email as input for sending the reset password link.
- The GreyAtom server will send the link. The user should be able to open the link and reset the password. On successfully resetting the password, send him back to the home page. Do not log the user in.

The token is necessary to identify if the user successfully logged in and for the server to check before checkout whether the user has logged in or not.

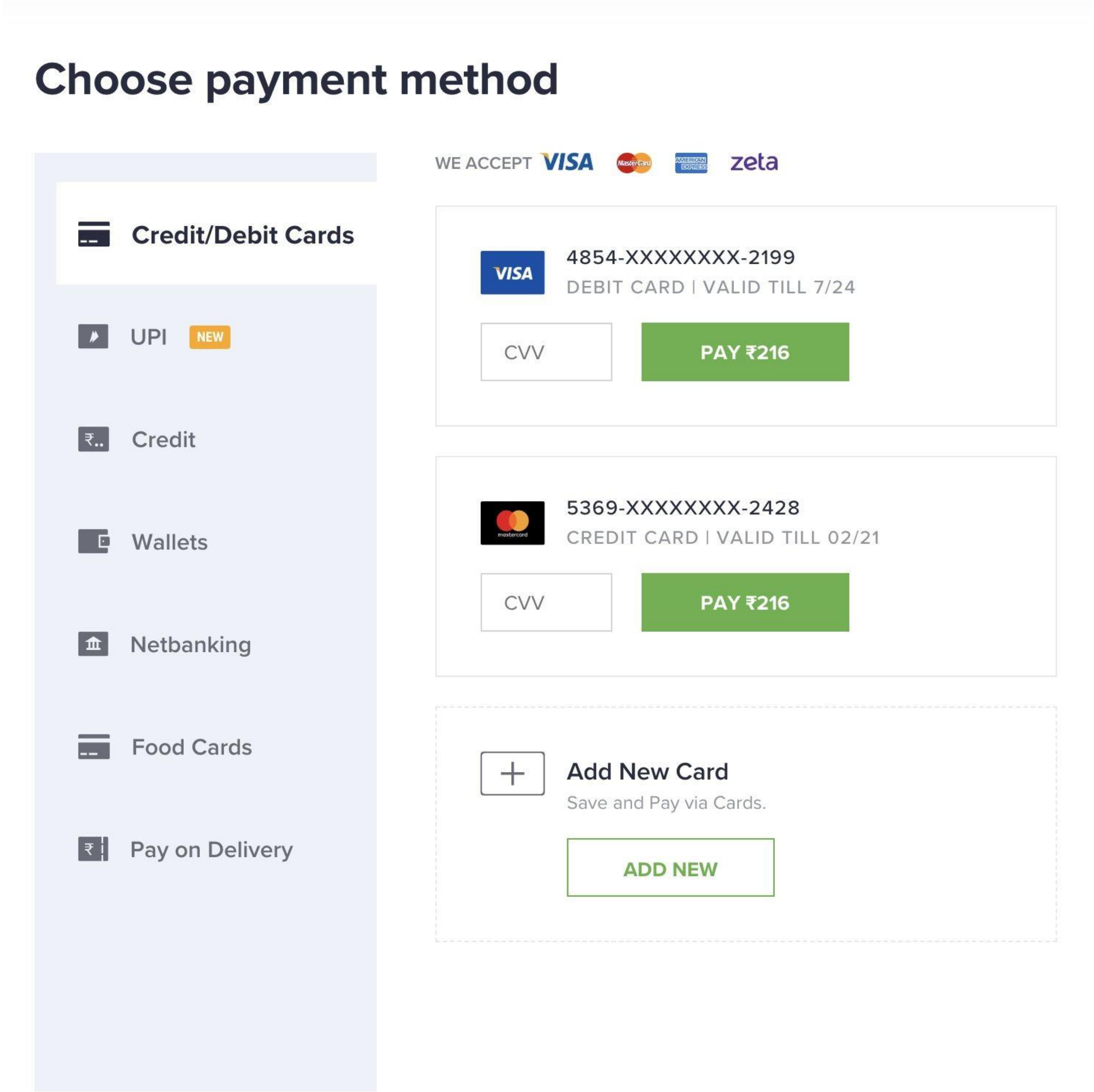
The developer would need an API for signing in, signing up and for sending forgot password link. Generate token to check during check out whether the user is signed in or not.

User Story #5

Users should be able to add payment methods.

Details

Below, we have attached an image of what's expected:



Choose payment method

4854-XXXXXXXX-2199
DEBIT CARD | VALID TILL 7/24

5369-XXXXXXXX-2428
CREDIT CARD | VALID TILL 02/21

Add New Card
Save and Pay via Cards.

Since it's a mock project, we do not expect the payment gateway to work in real-time. From the above list, not all the payment tabs have to be active either but we want you to build this UI. The only active tab would be Credit/Debit cards and Pay on delivery. The rest can remain disabled. You can use font awesome for icons.

Provide an option to add and save credit cards for consecutive checkouts.

On clicking pay on delivery, just provide a button with the amount (e.g Pay Rs. 218) with some creative message on top for checking out.

User Story #6

Users should be able to place an order.

Details

Summarize the order on this page. You can show:

- The final delivery addresses
- The mode of payment
- Order details
- Bill details
- Final Payment
- Apply coupon

Place a checkout button to place the order.

Dummy server creation tools:

- https://github.com/typicode/json-server
- https://www.json-generator.com/

API References:

- https://www.yelp.com/developers/documentation/v3
- https://developers.zomato.com/documentation
- https://blog.api.rakuten.net/top-restaurant-apis/ (Check the free ones)

Tech Stack

1. HTML
2. CSS
3. JavaScript
4. React (create-react-app)
5. React router
6. Redux
7. MaterialUI or Bootstrap (any one)
8. Axios (HTTP Client)
9. Google Places API