Document name	*Major Project (FoodzzApp)*
Version no.	*1.0*
Release date	*2nd February 2021*
Classification	***Departmental***

Major Project (FoodzzApp)

Document History

Ver. No	Release Date	Created By / Modified By and Date	Reviewed By and Date	Approved By and Date	Remarks and Changes Made
0.1	2nd February *2021*	Asfiya Khan	Yogesh Gaikwad	Kirti Mahadik	Initial draft.

Online Food Delivery (FoodzApp!)

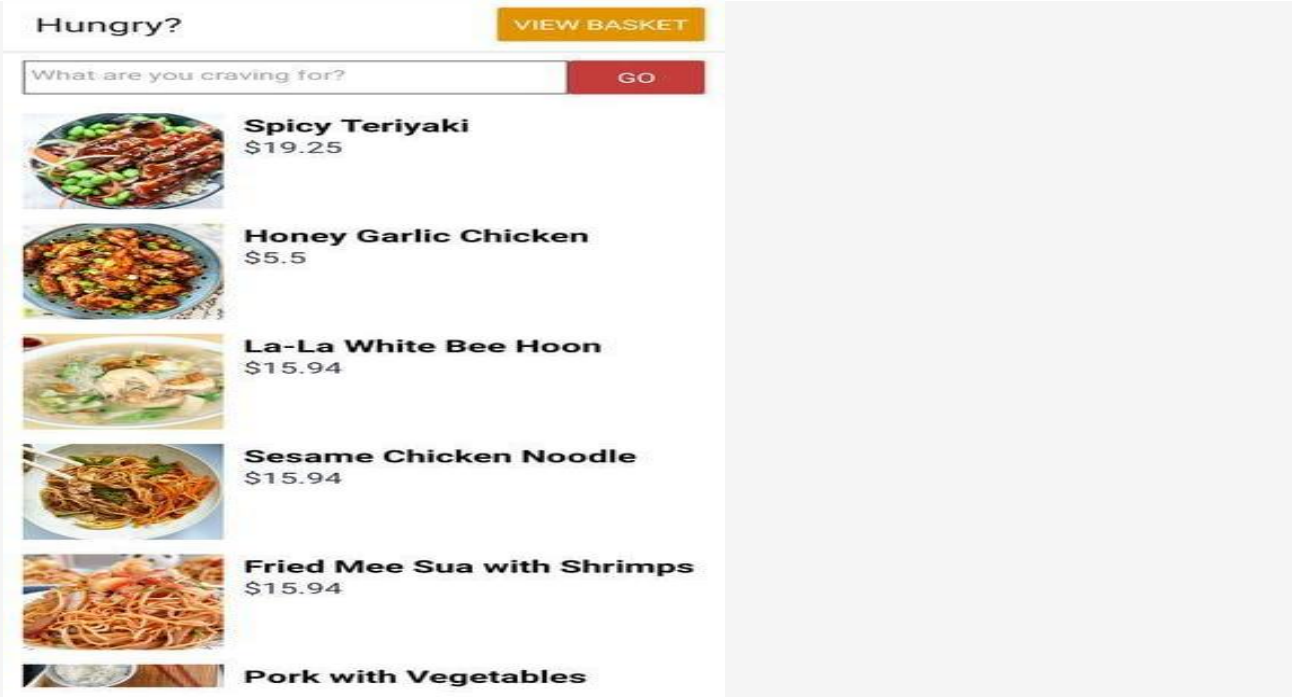
Food ordering apps such as Uber Eats, FoodPanda and Swiggy are popular these days as they allow you to conveniently order foods from your favorite local restaurant right from your phone/device.

We need to create a food ordering app including the delivery detailing.

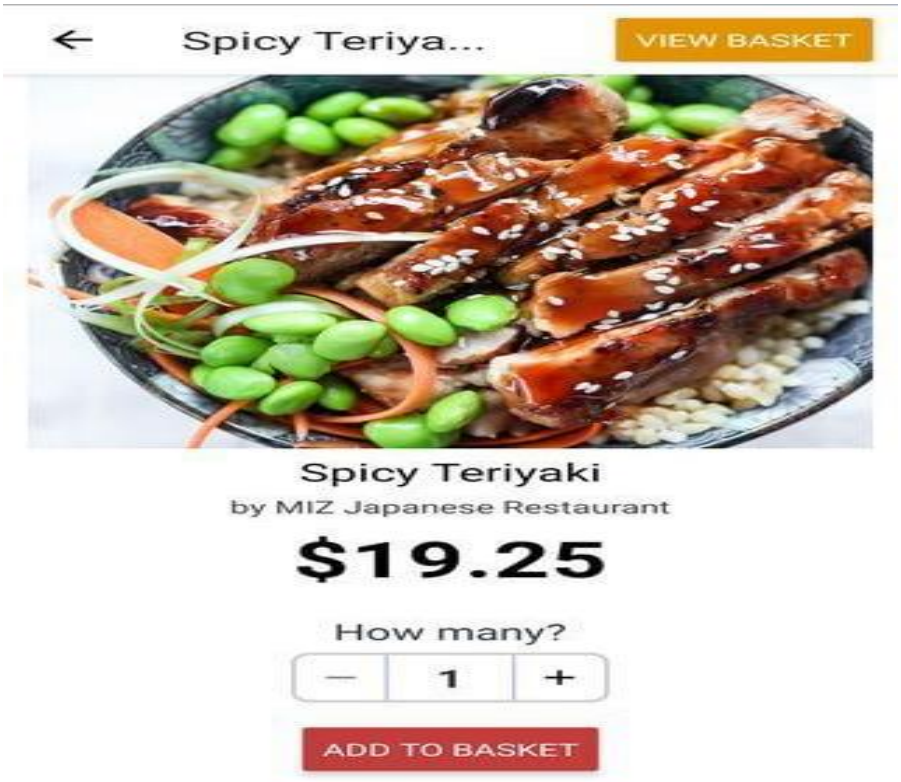
Here's the breakdown of modules:

User Module:

1. User needs to register and login before he makes any order.
2. The user will be greeted with a food list where every dish should flash its type (veg/non-veg).
3. He will search for his favorite dishes/restaurant.
4. User can click on any of the items to view the details:



5. This is where they can select the quantity and add the item to the cart. Adding an existing item to the cart will result in incrementing the quantity of the item that's already in the cart.



6. Once the user is done adding items to their cart, they can click on the **View Basket** button in the header. This will navigate them to the order summary screen. This screen is where all the items they added to their cart are listed along with the amount they need to pay. Finally when he checks out he needs to add address or Geolocation should take his current location. Give option if he wants to change the address.

7. After order is completed generate bill and keep him informed about the status of his order.
8. Once the user is ready, they can click on the **Place Order** button to trigger the app to send a request to a delivery executive.
9. User should give rating to the restaurant and delivery executive.
10. Based on this rating user can see the top 5 restaurants in carousel.
11. User can also see his past orders in **My Orders.** (graph/list)

Delivery Executive Module:

1. He should be registered. (Ask him the required details while registering).
2. When he login, should be able to see the nearby order which he can accept.
3. Once he accepts, the user should be notified in App as well as email notification. (Email notification via OTP)
4. After delivery he needs to end the order in the system.
5. He should see his completed orders.
6. He should be able to see his rating monthly basis.(graph/list)

Reports:

1. Restaurants as per distance/ratings.
2. Highly ordered restaurants graphical view.
3. Highly rated restaurants in graphical view.
4. Restaurants list with filter of veg/non-veg.

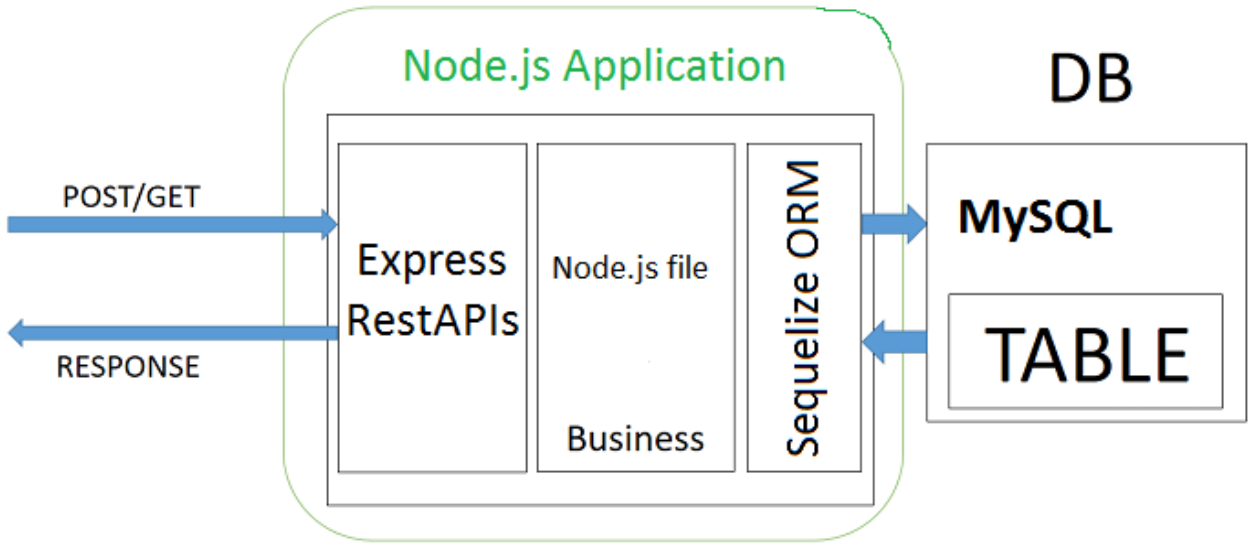
Bonus points:

1. For searching food based on time of delivery in user module.
2. Show the status of order on timeline.

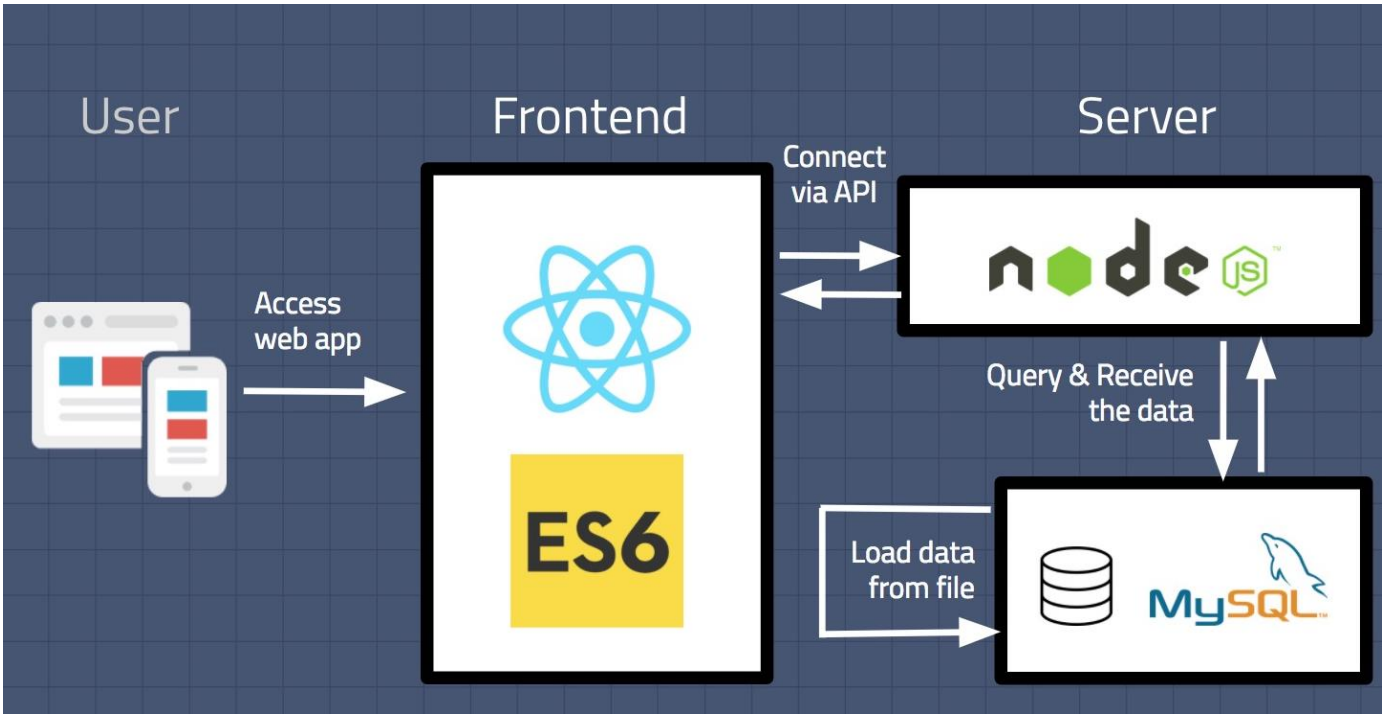
Software Requirements:

- Node JS
- RESTful Web service
- MySQL
- Front End :
    - SASS
    - CSS3
    - Bootstrap
    - React/Angular
    - RWD
    - Unit Testing
    - Material UI

System Architecture:



React Architecture



Angular Architecture