

A Project Report on

“Grub – Book your grub”

Submitted in partial fulfilment of requirement for the award of
Diploma Computer Engineering,
Gujarat Technological University

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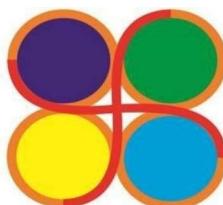
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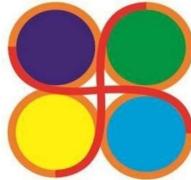
Guide
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Computer Department
Government Polytechnic, Ahmedabad
July-November-2022

CERTIFICATE

Computer Department
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This is to certify that the project entitled

Grub – Book your grub

Submitted in partial fulfilment of the requirement for the

Diploma in Computer Engineering is

a result of the bonafide work carried out by

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Internal Guide

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- I am thankful to our respected HOD Sir, for motivating us to complete this project with complete focus and attention.
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- This project has been a source to learn and bring our theoretical knowledge to the real-life world. So, I would really acknowledge his help and guidance for this project.

ABSTRACT

- We have observed that the online food ordering market is increasing rapidly. People like having restaurant food without compromising the comfort of their home.
- No doubt there are currently some platforms that facilitates user to do so.
- However, there is still room for the improvement at bottom.
- Hence, here we are proposing the system which will allow users to order food, book a table, and search for nearby restaurants using their phone.
- This system will also be secure enough to hold confidential data of restaurants as well as users.

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Project profile: -

| | |
|--------------------------|-------------------------|
| Project Name: | grub |
| Front End: | HTML, CSS, JS ,etc |
| Back End: | Django , SQLlite |
| Internal Guide: | Mr Chintankumar Bhavsar |
| External Guide: | ----- |
| Project Duration: | 1 Year |
| Team Size: | 6 Members |

[Table 1.1 Project Profile]

- Introduction of the Task Online Food Requesting System: The "Online Food Requesting Framework=grub" has been created to abrogate the problems prevailing in the rehearsing manual framework. This product is upheld to kill and, in a few cases, lessen the difficulties looked by this current framework. Additionally, this system is intended for the specific need of the organization to complete tasks in as smooth and viable manner.
- The application is diminished however much as could be expected to stay away from blunders while entering the data. It likewise gives mistake message while entering invalid information. No conventional information is needed for the client to utilize this framework. Accordingly, by this all it demonstrates it is clientfriendly. Online Food Requesting Framework, as depicted above, can prompt mistake free, secure, reliable and quick administration framework. It can help the client to focus on their other exercises rather to focus on the record keeping. Accordingly, it will help organization in better usage of resources.
- Every association, whether huge or little, has difficulties to survive and managing the data of Classification, Food Thing, Request, Instalment, Affirm Request. EachOnline Food Requesting Framework has different Food Thing needs; thusly, we plan exclusive employee the board frameworks that are adjusted to your administrative requirements. This is intended to aid key preparation and will assist you with guaranteeing that your organization is furnished with the right degree of data and subtleties for your future goals. Likewise, for those bustling chiefs who are dependably in a hurry, our frameworks come with remote accesshighlights, which will permit you to deal with your labour force whenever, at alltimes. These frameworks will eventually permit you to more readily oversee asset.

The main goal to develop this site or app is to make it convenient for the user or any human to book a table in a desired restaurant and order the desired food online.

The main reason of this is to help a use who is in an unknown area and wants to eat so our site will help him to locate nearest 4 or 3 stars above restaurants so he does not have to roam around hungry.

Functionalities provided by Online Food Ordering System are as follows: -

- Provides the searching facilities based on various factors. Such as Food Item, Customer, Order, Confirm Order.
- Online Food Ordering System also manages the Payment details online for Orderdetails, Confirm Order details, Food Item.
- It tracks all the information of Category, Payment, and Order etc. Manages the information of Category, Shows the information and description of the Food Item, Customer.
- To increase efficiency of managing the Food Item, Category.
- It deals with monitoring the information and transactions of Order. Manage the information of Food Item.
- Editing, adding and updating of Records is improved which results in proper.
- Resource management of Food Item data. Manage the information of Order.
- Integration of all your Records.

Hardware requirements: -

This section lists the minimum hardware and software requirements needed to run the system efficiently.

- Pentium Processor.
- 60 MB of free hard-drive space.
- 128 MB of RAM Software Interface.
- Operating System: Windows (Vista/7 or above).
- Web Browser: IE 10 or above, Mozilla FF 31 and above or Google Chrome.
- Drivers: Java Runtime Environment.
- Integrated Development Environment: Eclipse J2EE or Apache Tomcat.

Software requirement: -

- The Software Requirements Specification is produced at the culmination of the analysis task. The function and performance allocated to software as part of system engineering are refined by establishing a complete information description, a detailed functional and behavioral description, an indication of performance requirements and design constraints, appropriate validation criteria, and other data pertinent to requirements.
- The proposed system has the following requirements:
- System needs store information about new entry of Food Item.
- System needs to help the internal staff to keep information of Category and find them as per various queries. System need to maintain quantity record.
- System need to keep the record of Customer.



Existing Systems: -

- The existing systems like Zomato, Swiggy, EatSure provides food delivery services through their websites and apps.
- However, there are some needs that they have not been fulfilling.
- Thus, there is a need to develop a website that tries to solve the problems of customers.

Working of current system: -

- Step-1: User search for dishes to order.
- Step-2: To place the order, user is asked to log in.
- Step-3: After logging in user can select address, payment methods etc.
- Step-4: User can now track the order and see Delivery boy's contact details.
- Step-5: After delivery user is asked for feedback.

Shortcomings of current system: -

- Doesn't provide table booking services to the users.
- Doesn't provide nearby search facility to the users.
- No proper delivery network in areas far from city.

Zomato: -

- Zomato provides information, menus and user-reviews of restaurants as well as food delivery options from partner restaurants in select cities.
- The subsidiary of Zomato, Blinkit primarily delivers groceries, fresh fruits and vegetables, meat, stationery, bakery items, personal care, baby care and petcare products, snacks, flowers, etc.

Features:

- Provides information, menu about nearby restaurants and cafe.
- Provides searching and filtering feature for restaurants. Provides reviews and ratings by users based on their experience of restaurants.
- Provides easy and convenient process to register a new restaurant.

Drawbacks:

- Doesn't provide map service to reach the restaurants.
- Doesn't provide food ordering service through website.
- Doesn't provide table booking services.
- Doesn't provide order tracking services on website.



[2.1 Zomato]

Swiggy: -

- **Swiggy** is an Indian online food ordering and delivery platform. Founded in July 2014, Swiggy is based in Bangalore and operates in 500 Indian cities as of September 2021.
- Besides food delivery, Swiggy also provides on-demand grocery deliveries under the name Instamatic, and a same-day package delivery service called **Swiggy Genie**.

Features:

- Provides food ordering and order tracking services.
- Provides searching for restaurants.
- Provides menu, reviews and ratings of restaurants.
- Advanced filter feature through which you can filter based on cuisines.

Drawbacks:

- Doesn't provide map service to reach the restaurants.
- Doesn't provide table booking services to the users.
- Doesn't provide nearby search facility to the users.



[2.2 Swiggy]

EatSure -

- In 2020, Rebel Foods launched EatSure, a consolidated food delivery service for its brands and partner restaurant chains.
- It also started operating food trucks known as EatSure Express.

Features:

- Provides food ordering and order tracking services.
- Provides searching for food categories.
- Provides menu of restaurants and cloud kitchens so that user can explore and compare.
- Provides Location based search and filtering of restaurants.

Drawbacks:

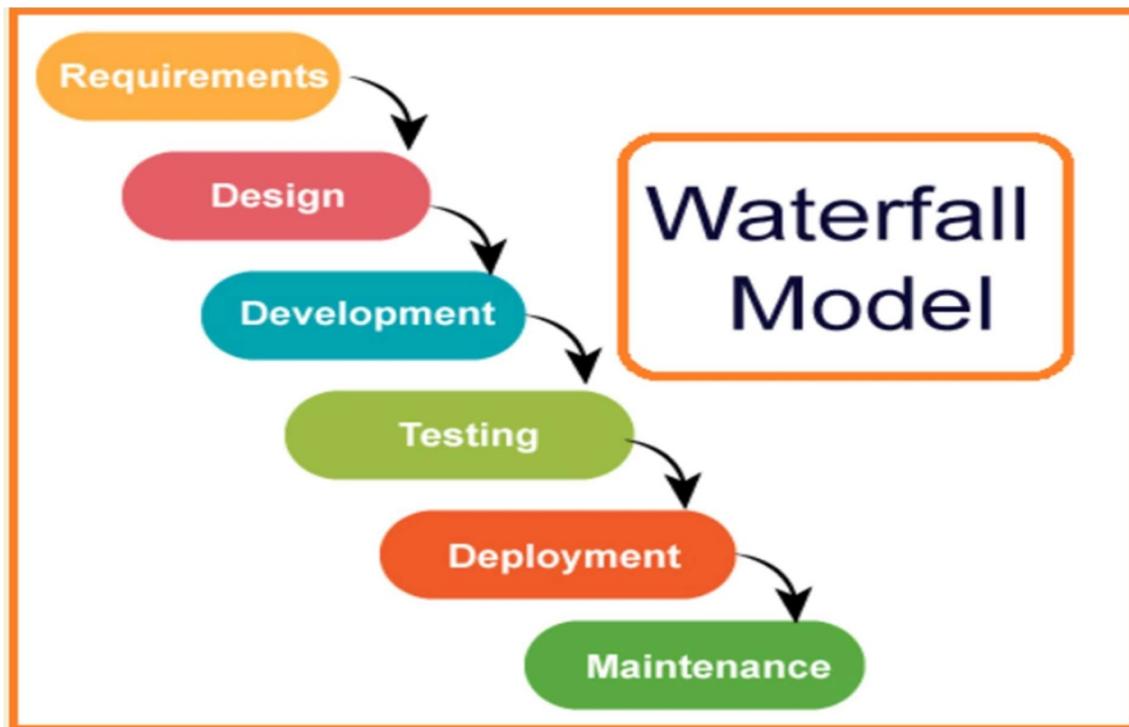
- Doesn't provide map service to reach the restaurants.
- Doesn't provide table booking services for restaurants and cafe.
- Doesn't provide order tracking services to customers.
- Doesn't provide details of all restaurants (provides details of its own brand only).



[2.3 Eatsure]

Process Model: -

- According to the project's requirements, Waterfall model is best suitable for development.



[2.4 pro_model]

Justification: -

- The proposed model provides clear vision of the development process.
- Product definition is stable.
- Easy to manage due to the rigidity of the model. Each phase has specific deliverables and a review process.
- Requirements are well documented and clear.

Proposed system: -

Languages we are going to use to develop the web site
Introduction of our project

HTML: -



[3.1 lang_HTML]

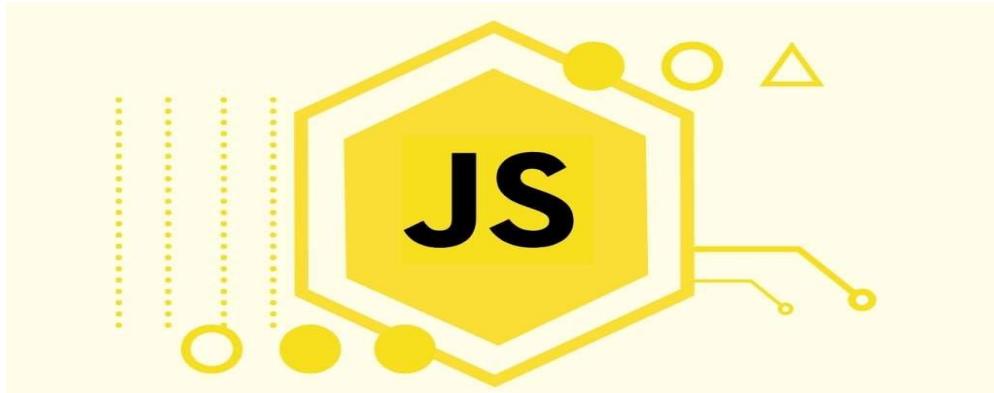
- Hypertext Mark-up Language (HTML) is the standard Mark-up language for creating web Pages and web applications. With Cascading Style Sheets (CSS) and JavaScript it forms a triad of cornerstone technologies for the World Wide Web. Browsers receive HTML documents from a web server or from local storage and render them into multimedia web pages. HTML describes the structure of web Page semantically and originally included cues for the appearance of the document.

CSS: -



[3.2 lang_CSS]

- CSS is the language for describing the presentation of web pages, including colours, layout and fonts. It allows one to adapt the presentation to different types of devices, such as large screens, small screens, or printers. CSS is independent of HTML and can be used with any XML-based mark-up language.

Java script: -

[3.3 lang_java_script]

- JavaScript is a client-side scripting language developed by Brendan Eich. JavaScript can be run on any operating systems and almost all web browsers. The Programs in this language are called scripts.
- They can be written right in a web page's HTML and run automatically as the page loads. Scripts are provided and executed as plain text. They don't need special preparation or compilation to run. In this aspect, JavaScript is very different from another language called Java.

Django: -

[3.4 lang_django]

- Django is a high-level Python web framework that **enables rapid development of secure and maintainable websites**. Built by experienced developers, Django takes care of much of the hassle of web development, so you can focus on writing your app without needing to reinvent the wheel.

The main goal to develop this site or app is to make it convenient for the user or anyhuman to book a table in a desired restaurant and order the desired food online.

The main reason of this is to help a use who is in an unknown area and wants to eat so our site will help him to locate nearest 4 or 3 star above restaurants so he does nothave to roam around hungry.

Functionality of our PROJECT 3.2: -

1. When booking a table in restaurant:

- This project provides you the facility to book a table in restaurant ororder online from user's desired restaurant.
- When user book a table user gets a token number and this token number valid only for few minutes. After expiration of the token number user have to re-book the table.
- If a table was booked by a user, restaurant is notified that a user has booked a table in your restaurant and restaurant also received user'sdetail such as username, phone number etc.
- User could cancel the table with no charge before some extend of time.

2. When ordering online from restaurant:

- You can also order food online from user's desired restaurant.
- User can add the items to their cart and and pay the total in any mode.
- User can also track their order from out website.
If a user has ordered food online details such as phone number, Address,payment mode etc.
- We also provide facility to cancel order, terms and condition may be there.

Advantages of this web site3.3: -**• Makes the ordering process easier:**

- Traditionally, people had to make calls to place orders or drive to the restaurants for a take-out, then wait for the food to be prepared and delivered. Sometimes, placing an order on the phone means that there could be mistakes in order. Clearly, these aren't really the best solutions to order food from restaurants especially for people with busy lifestyles.
- The best solution is switching over to online ordering. Restaurants owners can create a website or an app or both that will not only make the ordering process easier for customers but also streamline restaurant operations. Having an online ordering system can make day-to-day operations more efficient for a restaurant. On the other hand, when a customer places an order online, they take their time to browse the menu and get familiar with add-on deals and offers that your restaurant must be offering. This can lead to an exponential increase in the total sale value per order.

• Efficient customer and order management:

- An **online ordering system for Restaurants** helps enhance the customer-restaurant relationship by providing end-to-end Customer Relationship Management (CRM) system. It provides a complete sales dashboard with information about new/active/canceled orders, lifetime sales details, etc.
- It also comes with an order management system that streamlines the entire ordering process starting from order placement to final delivery.
- Whenever customers place an order, an efficient online ordering system sends notifications via email or SMS to help the restaurant staff make the order execution faster. On the other hand, such software is also equipped with GPS systems that help you capture the entire address that in turn ensure timely and fast deliveries.

- **Better customer data:**

- Who are your regular customers? What do they like ordering from your restaurant? Which food items are popular? Are they aware of the promotions and offers on the website? Do they prefer ordering from a website or app? These and many other related questions can be answered using analytics and insights provided by a robust online ordering system for restaurants. This data is valuable since you can use it to send targeted promotions to your customers and entice them to keep coming back.
- In-house solutions allow you to analyze ordering trends and customer preferences in depth so you can customize your menu, offerings, deals prices, and so on to provide a tailored experience to everyone.

- **The convenience of mobile ordering:**

- From meetings to crowded areas, there are times when one may not be able to make a phone call to order food. Online ordering allows customers to order anytime, anywhere using their mobiles, tablets or other handheld devices. There is no need for the customer to reach out and make a call meanwhile disturbing their privacy or disrupting a meeting for a lunch order. With a mobile app, the customer can quietly place an order without the hassle of talking over the phone. A mobile-friendly website or app will make sure that you never lose a customer.

- **Online booking means faster payments:**

- An online booking system can require customers to prepay for activities and golf rentals.
- If you currently do not have an online tee sheet, you have to wait for players to show up before you can collect payment for events or tee times. An online booking system allows you to capture that new revenue as soon as players schedule with your course.

Makes the ordering process easier

Modules of grub3.4: -

Table booking:

- Sign in/Login
- Location scan
- Available restaurants
- Vacant seat in selected restaurant
- Seat booking as per user's choice. (Payment required)

Order online:

- Sign in/login
- menu
- Cart list
- Payment method
- Personal info (user id)
- Updating user id.



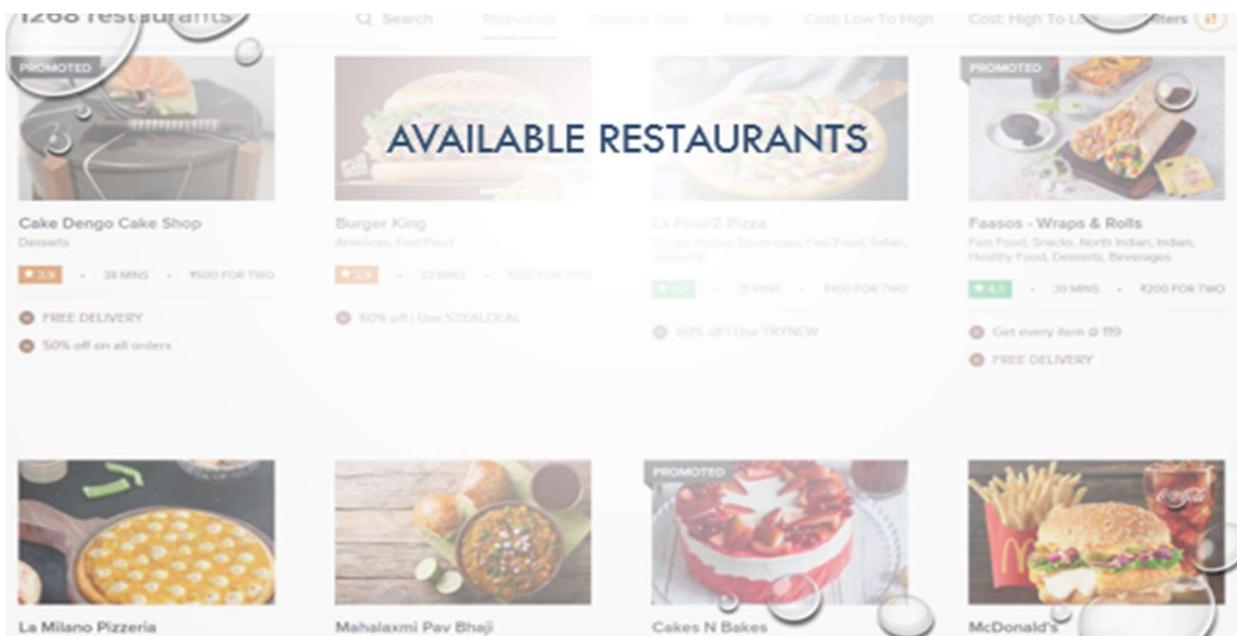
[3.5 table_booking]

Sign up/login: -

- This is a web page that will allowed the user to create or login into the account. Also without creating an account the user can't use all the functions provided by the web application.
 - **Steps to sign up: -**
 - Enter your full name
 - Enter your dob
 - Enter your mobile number
 - Enter the email address
 - Enter the password
 - Also set new username and password for login purpose
 - **Steps to login: -**
 - Enter your username
 - Enter the password

Location scan: -

- It will fetch the current location of the user.
- Also represent the different restaurants near the user.
- Where he or she can book a table.



[3.6 avail_restaurant]

Vacant seat in selected restaurant: -

- After the user selects the restaurant where user wants to go a new web page will open.
- the web page will show that how many vacant tables are available with its capacity written below or besides it.
- now the user can book table which user likes.

Seat booking as per user's choice: -

- Enter the time you will arrive
- Enter the your group strength (number of people)
- Select the payment method
- Pay the fees
- Now wait for the table conformation message



[3.7 order_online]

Sign in/login: -

- This is a web page that will allow the user to create or login into the account. Also without creating an account the user can't use all the functions provided by the web application.
 - **Steps to sign up: -**
 - Enter your full name
 - Enter your dob
 - Enter your mobile number
 - Enter the email address
 - Enter the password
 - Also set new username and password for login purpose
 - **Steps to login:-**
 - Enter your username
 - Enter the password



[3.8 menu]

Cart list: -

- The Cart list shows how many items are ordered and its cost.
- Like, there is a family who went to dominos and ordered one margarita, four garlic breads, one double cheese pizza, and some french-fries with coke they will add these items to Cart and Cart will show them a how much they orderedwith total amount including GST.
- And after checking the cart if they want to add/delete some item they can do it.
- After all this they can proceed to pay.

Payment method: -

- After clicking on **proceed to pay** user will be redirected to the payment page.
- There will be an options, how to pay the bill.
- Users have options like debit card, credit card, paytm, phnone-pe, google-pay or cod. If user select debit card or credit card they have to enter debit/credit card number, name on their credit/debit card, expiry date of debit/credit cardand CVV. Else user would have select COD.
- User also can pay the bill through paytm, google-pay, phone-pe etc.
- This is the additional feature of web application and it is optional. Here, usercan create his own profile.

Personal info (user id): -

- Points to do so:
- Username
- First name
- Last name
- Email address
- Create a password
- Mobile number
- Address
- Age

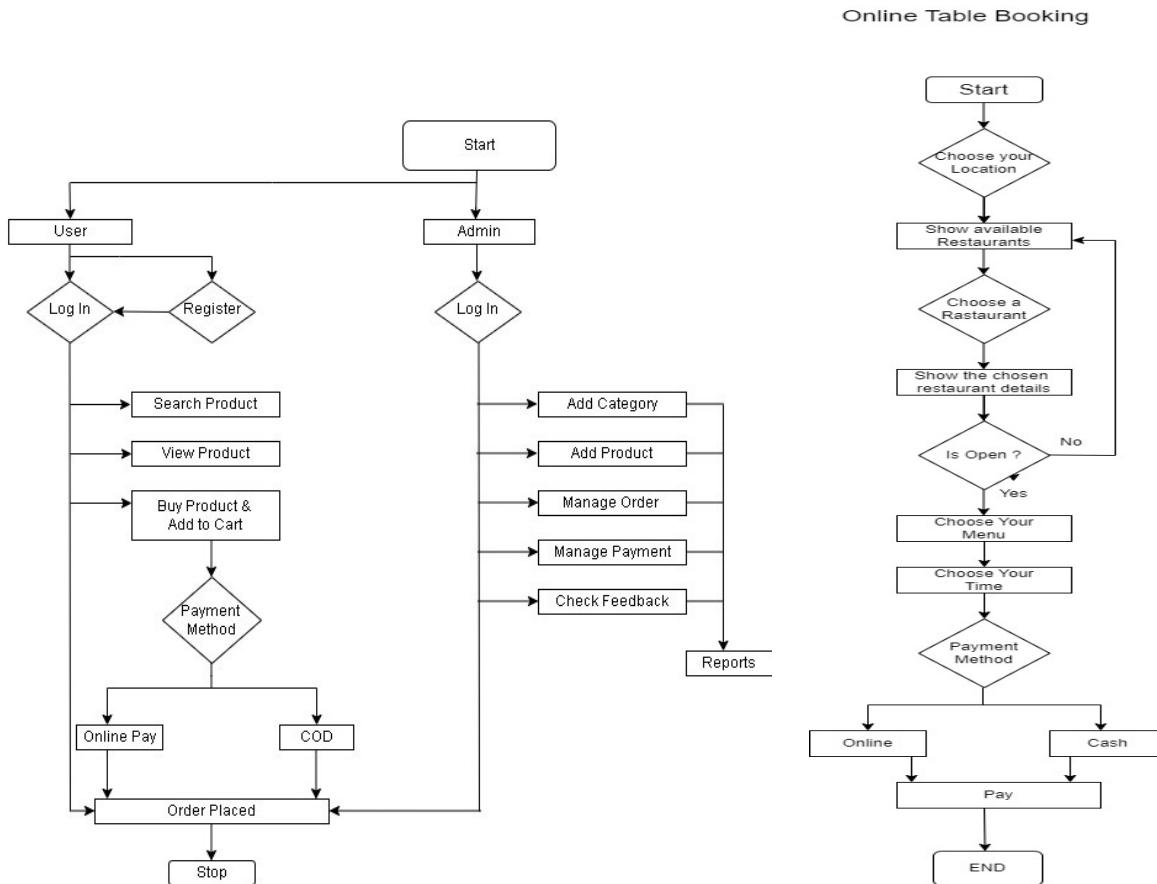
Updating user id.: -

Here u can update all the details that u have entered in the personal information section Points to do so: -

- Username
- First name
- Last name
- Email address
- Create a password
- Mobile number
- Address
- Age

Flow Chart:-

Online Food Order Flowchart User & Admin Point of View



[4.1 flow_1]

[4.2 flow2]

Usecase:-



[4.3 usecase]

Data Flow Diagram: -

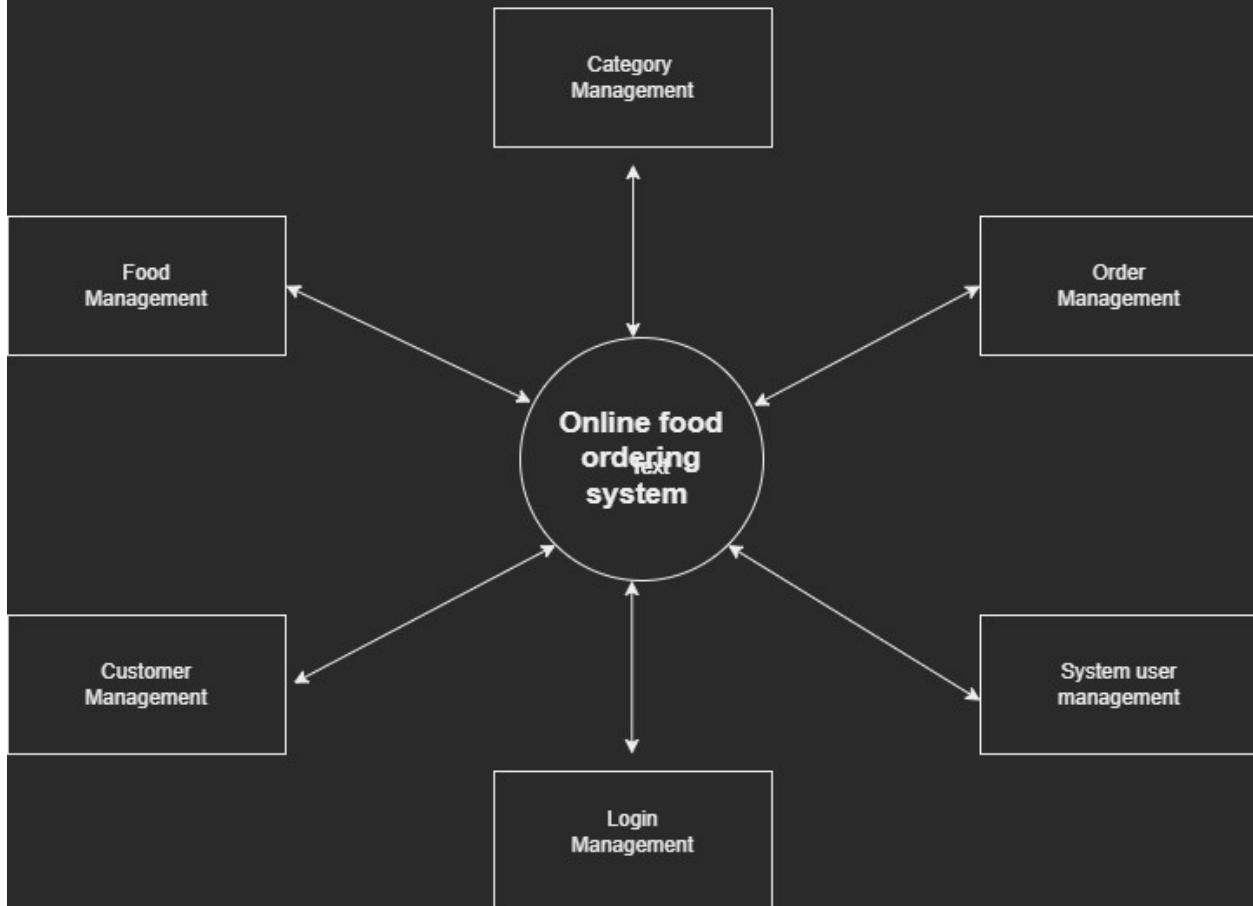
Zero Level Data Flow Diagram (Level 0 DFD) Of Online Food Ordering System:

This is the Zero Level DFD of Online Food Ordering System, where we have elaborated the high level process of Online Food Ordering. It's a basic overview of the whole Online Food Ordering System or process being analyzed or modelled. It's designed to be an at-a-glance view of Delivery Category and Item showing the system as a single high-level process, with its relationship to external entities of Food Order and Customer it should be easily understood by a wide audience, including Food, Customer and Delivery. In zero level DFD of Online Food Ordering System, we have described the high level flow of the Online Food Ordering system.

High Level Entities and process flow of Online Food Ordering System:

- Managing all the Food.
- Managing all the Order
- Managing all the Customer
- Managing all the Payment
- Managing all the Delivery
- Managing all the Category
- Managing all the Item

Zero level DFD - Online food Ordering System



Data Flow Diagram (Level 1 DFD) Of Online Food Ordering System:

First Level DFD (1st Level) of Online Food Ordering System shows how the system is divided into sub-systems (processes), each of which deals with one or more of the data flows to or from an external agent, and which together provide all of the functionality of the Online Food Ordering System as a whole it also identifies internal data stores of Item Category, Delivery, Payment, Customer that must be present in order for the Online Food Ordering system to do its job, and shows the flow of data between the various parts of Food, Customer, Category, Item, Delivery of the system. DFD Level 1 provides a more detailed breakout of pieces of the 1st level DFD You will highlight the main functionalities of Online Food Ordering.

Main entities and output of First Level DFD (1st Level DFD):

- Processing Food records and generate report of all Food Processing Order records and generate report of all Order
- Processing Customer records and generate report of all Customer
- Processing Payment records and generate report of all Payment
- Processing Delivery records and generate report of all Delivery
- Processing Category records and generate report of all Category
- Processing Item records and generate report of all item

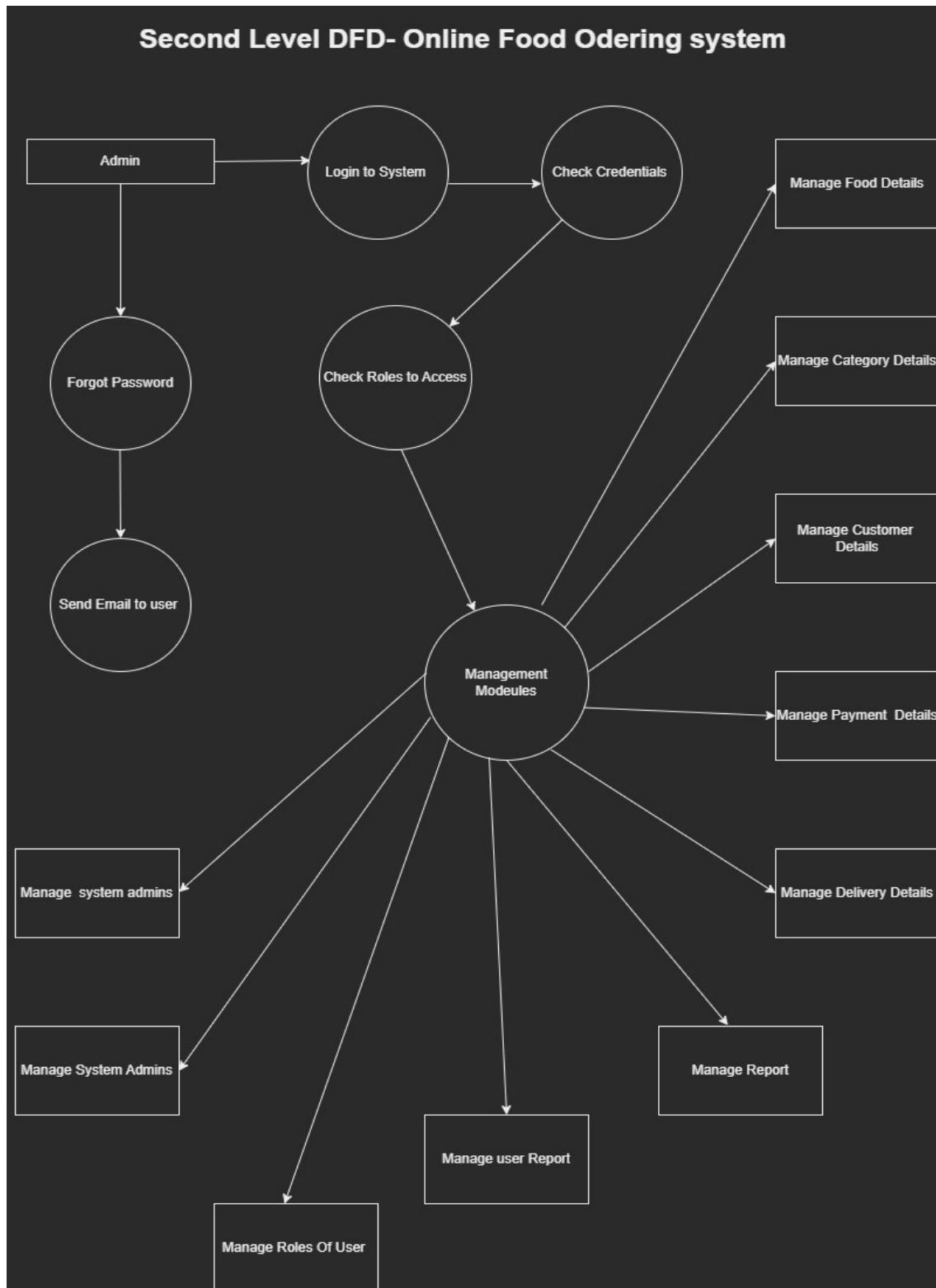


[4.5 dfd-1]

Second Level Data Flow Diagram (Level 2 DFD) Of Online Food Ordering System:

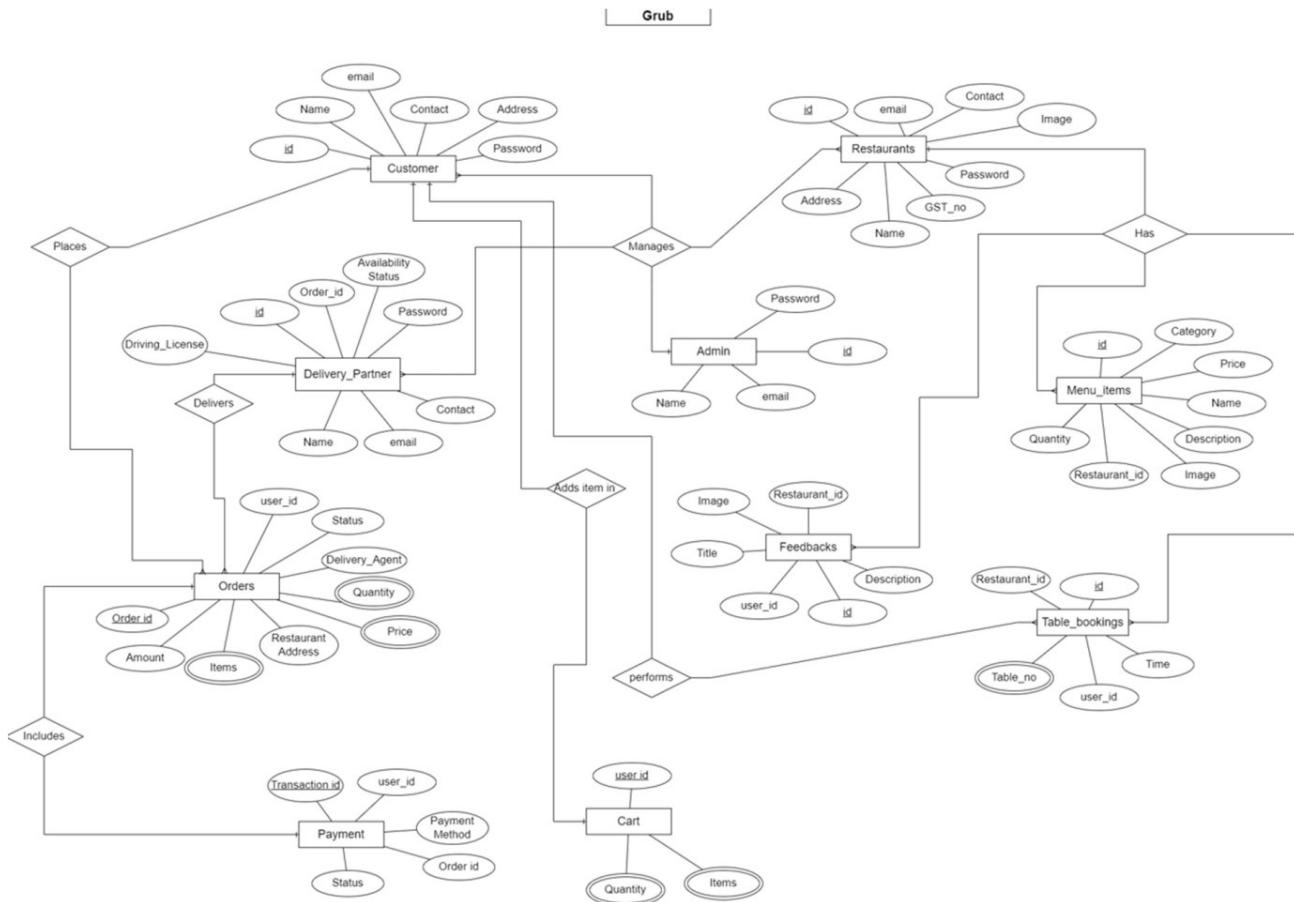
DFD Level 2 then goes one step deeper into parts of Level 1 of Online Food Ordering. It may require more functionalities of Online Food Ordering to reach the necessary level of detail about the Online Food Ordering functioning First Level DFD (1st Level) of Online Food Ordering System shows how the system is divided into sub-systems (processes). The 2nd Level DFD contains more details of item, Category, Delivery, Payment, Customer, Order, and Food.

- Low level functionalities of Online Food Ordering System
- Admin logins to the system and manage all the functionalities of Online Food Ordering System
- Admin can add, edit, delete and view the records of Food, Customer, Delivery, Item
- Admin can manage all the details of Order, Payment, Category
- Admin can also generate reports of Food, Order, Customer, Payment, Delivery, Category
- Admin can search the details of Order, Delivery, and Category. Admin can apply different level of filters on report of Food, Payment, Delivery
- Admin can tracks the detailed information of Order, Customer, Payment,, Delivery



[4.6 dfd-2]

ER Diagram:-



[4.7 E.R]

Data Dictionary:-

1) Customer

| Attribute | Datatype | Size | Constraint | Description |
|-----------|----------|------|-------------------------------|-------------------------------------|
| id | Number | 7 | Primary Key Auto Increment | It is the id of the customer. |
| Email | Varchar | 35 | Unique Not Null | It is the email id of the customer. |
| Password | Varchar | 12 | Not Null | It is password of the customer. |
| Name | Varchar | 15 | Not Null | It is full name of the customer. |
| Address | Varchar | 80 | Not Null | It is address of the customer. |
| Contact | Varchar | 10 | Unique Not Null | It is contact of the customer. |

[table-4.1-data_dic_customer]

2) Restaurants

| Attribute | Datatype | Size | Constraint | Description |
|-----------|-----------|------|-------------------------------|------------------------------------|
| id | Number | 7 | Primary Key Auto Increment | It is the id of the restaurant. |
| Email | Varchar | 35 | Unique Not Null | It is the email id of restaurant. |
| Password | Varchar | 12 | Not Null | It is password of the restaurant. |
| Name | Varchar | 15 | Not Null | It is full name of the restaurant. |
| Address | Varchar | 80 | Not Null | It is address of the restaurant. |
| Contact | Varchar | 10 | Unique Not Null | It is contact of the restaurant. |
| GST_no | Varchar | 15 | Unique Not Null | It is the GSTIN of the restaurant. |
| Image | Varbinary | max | N/A | It is the image of the restaurant. |

[table-2.2 - data_dic_restaurant]

3) Orders

| Attribute | Datatype | Size | Constraint | Description |
|----------------|----------|------|-------------------------------------------------|---------------------------------------------------|
| Order_id | Number | 12 | Primary Key Auto Increment | It is the id of the order. |
| Amount | Number | 7,2 | Not Null | It is amount of the order. |
| Delivery_Agent | Varchar | 4 | Foreign Key of Delivery Partner(id) Not Null | It is delivery partner associated with the order. |
| Item | Varchar | 30 | Foreign Key of Menu_Items(Name) Not Null | It is item ordered. |
| Item1 | Varchar | 30 | Foreign Key of Menu_Items(Name) | It is item ordered. |
| Item2 | Varchar | 30 | Foreign Key of Menu_Items(Name) | It is item ordered. |
| Item3 | Varchar | 30 | Foreign Key of Menu_Items(Name) | It is item ordered. |
| Item4 | Varchar | 30 | Foreign Key of Menu_Items(Name) | It is item ordered. |
| Item5 | Varchar | 30 | Foreign Key of Menu_Items(Name) | It is item ordered. |
| Price | Varchar | 4 | Not Null | It is the price of the item. |
| Price1 | Varchar | 4 | N/A | It is the price of the item. |
| Quantity | Varchar | 2 | Not Null | It is the quantity of item. |
| Quantity1 | Varchar | 2 | N/A | It is the quantity of item. |
| Restaurant | Number | 7 | Foreign Key of Restaurants(id) | It is the restaurant associated with the order |
| uid | Varchar | 35 | Foreign key of Customer(id) | It is id of the customer who ordered. |
| Status | Varchar | 30 | Not Null | It is the status of the order. |

[table-4.3-data_dic_order]

4) Menu Items

| Attribute | Datatype | Size | Constraint | Description |
|---------------|-----------|------|--------------------------------|------------------------------------|
| id | Number | 12 | Primary Key Auto Increment | It is the id of the menu item. |
| Price | Number | 5,2 | Not Null | It is price of the item. |
| Restaurant_id | Number | 7 | Foreign Key of Restaurants(id) | It is restaurant serving the item. |
| Category | Varchar | 15 | Not Null | It is category of the item. |
| Name | Varchar | 30 | Not Null | It is name of the item. |
| Description | Varchar | 500 | Not Null | It is description of the item. |
| Quantity | Varchar | 12 | Not Null | It is the quantity of the item. |
| Image | Varbinary | max | N/A | It is the image of the Item. |

[table-4.4-data_dic_menu]

5) Cart

| Attribute | Datatype | Size | Constraint | Description |
|-----------|----------|------|---------------------------------------------|-------------------------------|
| User_id | Number | 7 | Foreign Key of Customer(id) | It is the id of the Customer. |
| Item | Varchar | 30 | Foreign Key of Menu_Items(Name) Not Null | It is item ordered. |
| Item1 | Varchar | 30 | Foreign Key of Menu_Items(Name) | It is item ordered. |
| Item2 | Varchar | 30 | Foreign Key of Menu_Items(Name) | It is item ordered. |
| Item3 | Varchar | 30 | Foreign Key of Menu_Items(Name) | It is item ordered. |
| Item4 | Varchar | 30 | Foreign Key of Menu_Items(Name) | It is item ordered. |
| Item5 | Varchar | 30 | Foreign Key of Menu_Items(Name) | It is item ordered. |
| Quantity | Varchar | 2 | Not Null | It is the quantity of item. |
| Quantity1 | Varchar | 2 | N/A | It is the quantity of item. |

[table-4.5-data_dic_cart]

6) Payment

| Attribute | Datatype | Size | Constraint | Description |
|----------------|----------|------|-----------------------------------------|------------------------------------------|
| Transaction_id | Number | 12 | Primary key Auto Increment | It is id of the payment. |
| User_id | Number | 7 | Foreign Key of Customer(id) Not Null | It is the id of the Customer. |
| Order_id | Number | 12 | Foreign Key of Orders(id) Not Null | It is order associated with the payment. |
| Payment_method | Varchar | 28 | Not Null | It is method of the payment. |
| status | Varchar | 12 | Not Null | It is the current status of the payment. |

[table-4.6-data_dic_payment]

7) Table Bookings

| Attribute | Datatype | Size | Constraint | Description |
|---------------|----------|------|--------------------------------------------|--------------------------------------------|
| id | Number | 10 | Primary Key Auto Increment | It is the id of the booking. |
| Table_no | Number | 3 | Not Null | It is number of the table. |
| Table_no1 | Number | 3 | N/A | It is number of the table. |
| Table_no2 | Number | 3 | N/A | It is number of the table. |
| Restaurant_id | Number | 7 | Foreign Key of Restaurants(id) Not Null | It is restaurant serving the item. |
| User_id | Number | 7 | Foreign Key of Customer(id) | It is id of customer who booked the table. |
| Time | DateTime | N/A | Not Null | It is time for table booking. |

[table-4.7 - data_dic_tablebooking]

8) Delivery Partner

| Attribute | Datatype | Size | Constraint | Description |
|---------------------|-----------------|-------------|---------------------------------------|----------------------------------------------------------|
| id | Number | 5 | Primary Key Auto Increment | It is the id of the delivery partner. |
| Password | Varchar | 12 | Not Null | It is password of the delivery partner. |
| Name | Varchar | 15 | Not Null | It is full name of the delivery partner. |
| Contact | Varchar | 10 | Unique Not Null | It is contact of the delivery partner. |
| Email | Varchar | 18 | Unique Not Null | It is the email of the delivery partner. |
| Order_id | Number | 12 | Foreign Key of Orders(id) Not Null | It is the order id associated with the delivery partner. |
| Availability_status | Boolean | N/A | Not Null | It is the status of the delivery partner. |
| Driving_license | Varbinary | max | Not Null | It is the Driving License of the delivery partner. |

[table-4.8-data_dic_Delivery Partner]

9) Admin

| Attribute | Datatype | Size | Constraint | Description |
|------------------|-----------------|-------------|-------------------------------|----------------------------------|
| id | Number | 7 | Primary Key Auto Increment | It is the id of the admin. |
| Email | Varchar | 35 | Unique Not Null | It is the email id of the admin. |
| Password | Varchar | 12 | Not Null | It is password of the admin. |
| Name | Varchar | 15 | Not Null | It is full name of the admin. |

[table-4.9-data_dic_admin]

10) Feedbacks

| Attribute | Datatype | Size | Constraint | Description |
|------------------|-----------------|-------------|--------------------------------|--------------------------------------------------------|
| id | Number | 12 | Primary Key Auto Increment | It is the id of the feedback. |
| User_id | Number | 7 | Foreign Key of Customer(id) | It is the user id of the user who posted the feedback. |
| Restaurant_id | Number | 7 | Foreign Key of Restaurants(id) | It is restaurant associated with the feedback. |
| Title | Varchar | 50 | Not Null | It is Title of the feedback. |
| Description | Varchar | 500 | Not Null | It is description of the feedback. |
| Image | Varbinary | max | N/A | It is the image associated with the feedback |

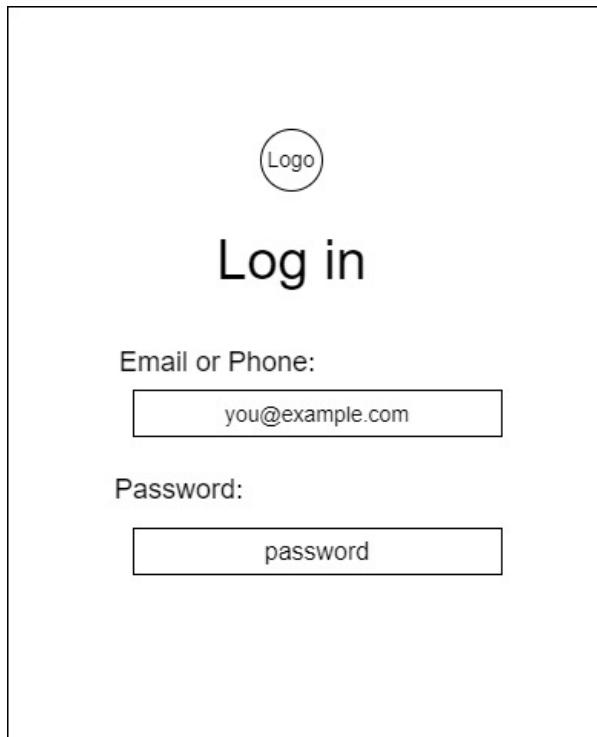
[table-4.10-data_dic_feedback]

System Design:-



A wireframe for a sign-up page. It features a logo placeholder at the top center, followed by the text "Sign up". Below this are five input fields: "Email :" with the value "you@example.com", "Contact :" with the value "+00 0000000000", "Address :" (empty), "Password :" (empty), and "Confirm Password :" (empty).

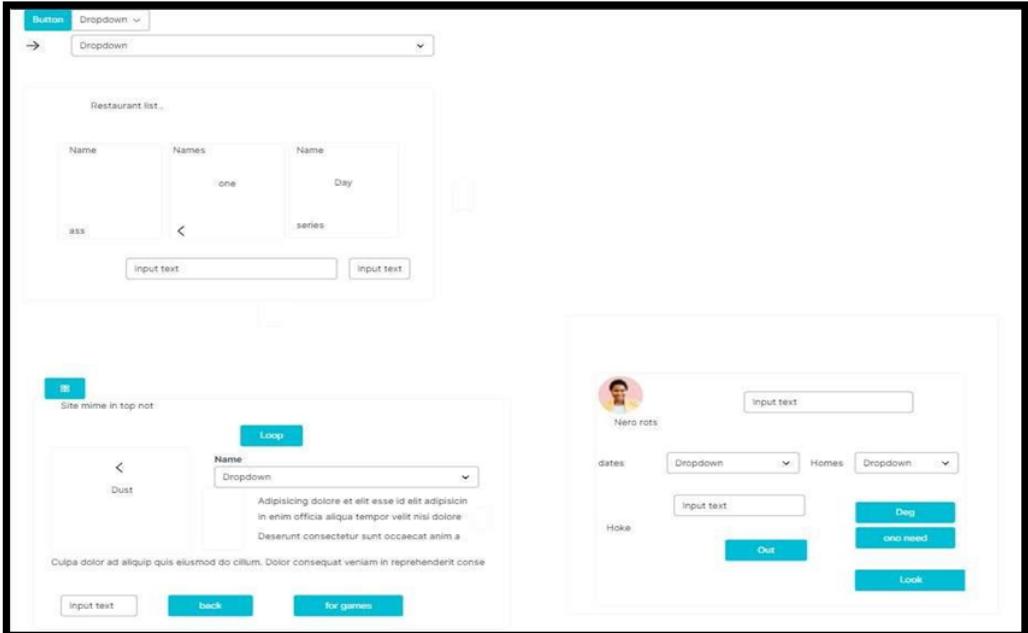
[4.8 wireframe_1.1]



A wireframe for a log-in page. It includes a logo placeholder at the top center, followed by the text "Log in". Below this are two input fields: "Email or Phone:" with the value "you@example.com" and "Password:" with the value "password".

[4.9-wireframe_1.2]

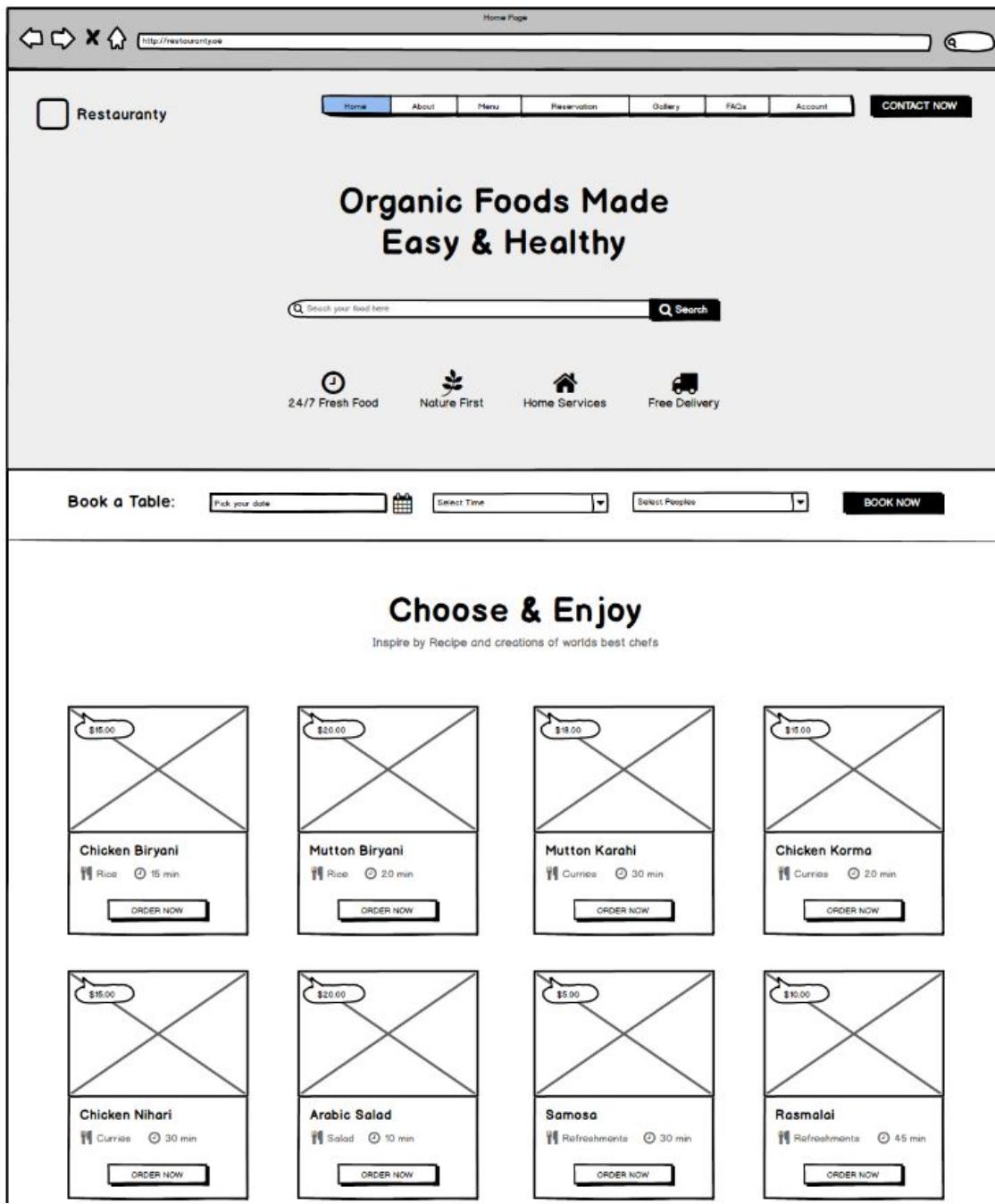
| | | | | |
|-------------------------------------------------------------------------------------------------------|-------|------------------------------|-------------------------------------------------------------------------------------|------------------------|
| Logo | Title | Menu | | |
| Search Delivery guy | | |  | |
| Delivery Partner ID  | | view details | approve | reject |
| Delivery Partner ID  | | view details | approve | reject |
| Delivery Partner ID  | | view details | approve | reject |
| Delivery Partner ID  | | view details | approve | reject |

[4.10-wireframe_2.1]


The wireframe displays a user interface for managing delivery partners. At the top, there are two dropdown menus labeled "Button" and "Dropdown". Below them is a search bar with placeholder text "Restaurant list...". A table lists delivery partners with columns for Name, Names, and Name. The first row shows "one" and "Day". Below the table are two input fields: "Input text" and "Input text".

On the left side, there is a sidebar with a "Loop" button and a "Dust" section containing some placeholder text. On the right side, there is a detailed view of a delivery partner named "Nero rots". This view includes a profile picture, an "Input text" field, and several dropdown menus for "dates", "Homes", and "Hoke". There are also buttons for "Out", "Dag", "ono need", and "Look".

[4.11-wireframe_2.2]



[4.12-wireframe_2.3]

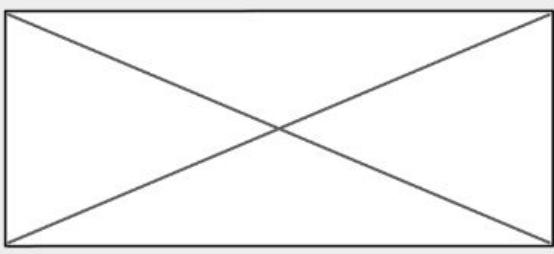
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<


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John Smith
 I order food from there, they have very quick service, and taste is so good. I love it


Pamela John
 I order food from there, they have very quick service, and taste is so good. I love it

>

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[4.13-wireframe_2.4]

The wireframe depicts a restaurant menu page. At the top, there's a navigation bar with links for Home, About us, Menu (which is highlighted in blue), Gallery, FAQs, Account, and a 'CONTACT NOW' button. Below the navigation is a breadcrumb trail 'Home > Menu'. The main content area is titled 'Menu' and features a grid of 10 food items arranged in two rows of five. Each item card includes a placeholder image, the name of the dish, its category, preparation time, and a price. An 'ORDER NOW' button is at the bottom of each card. A navigation bar at the bottom of the grid shows page numbers from 1 to 10.

| Category | Dish Name | Preparation Time | Price |
|--------------|-----------------|------------------|---------|
| Rice | Chicken Biryani | 15 min | \$15.00 |
| Rice | Mutton Biryani | 20 min | \$20.00 |
| Curries | Mutton Karahi | 30 min | \$18.00 |
| Curries | Chicken Korma | 20 min | \$15.00 |
| Curries | Chicken Nihari | 30 min | \$15.00 |
| Salad | Arabic Salad | 10 min | \$20.00 |
| Refreshments | Samosa | 30 min | \$5.00 |
| Refreshments | Rasmalai | 45 min | \$10.00 |
| Sweets | | | |
| Vegetarian | | | |

Popular Page

- Home
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- Our Blog
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Popular Category

- Chicken
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- Vegetarian
- Refreshment
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[4.14-wireframe_2.5]

Order Details

| | | |
|--|---------------------------------|---------|
| | Chicken Biryani Rice 15 min | \$15.00 |
| | Mutton Biryani Rice 20 min | \$20.00 |
| | Mutton Karahi Curries 20 min | \$18.00 |

Order Summary

| | |
|---------------------|-------------|
| Chicken Biryani x 1 | \$15.00 |
| Mutton Biryani x 1 | \$20.00 |
| Mutton Karahi x 1 | \$18.00 |
| Subtotal | \$53.00 |
| Delivery | \$5.00 |
| VAT | \$2 |
| TOTAL | \$42 |

You may also like

| | | |
|--|----------------------------------|------------------|
| | Chicken Nihari Curries 30 min | ORDER NOW |
| | Arabic Salad Salad 10 min | ORDER NOW |
| | Samosa Refreshments 30 min | ORDER NOW |
| | Rasmalai Refreshments 45 min | ORDER NOW |

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[4.15-wireframe_2.6]

Delivery Details

| | |
|-----------|--------------|
| Full Name | House Number |
| Door | Address |

Select a payment method:

- PayPal**
Your total may vary slightly as your order will be processed in USD
- Credit/Debit Card**
Use your Credit or Debit card
- Cash On Delivery**
You can pay as cash on delivery

Confirm Order

| | |
|---------------------|-------------|
| Chicken Biryani x 1 | \$15.00 |
| Mutton Biryani x 1 | \$20.00 |
| Mutton Karahi x 1 | \$18.00 |
| Subtotal | \$53.00 |
| Delivery | \$5.00 |
| VAT | \$2 |
| TOTAL | \$42 |

[4.16-wireframe_2.7]

Limitation of project: -

- Server could go down because of overloaded traffic.
- This system needs high security.
- Order tracking system might not be as reliable as desired.

Conclusion: -

- The application is tested very well and errors are properly debugged. It also acts as the sharing of files to the valuable resources.
- This system provides an easy way to automate all the functionalities of consumption. If this application is implemented in few consumptions it will be helpful. Further enhancements can be made to the project, so that the website functions in a very attractive and useful manner than the present one. It is concluded that the application works well and satisfy the needs.

Future scope: -

- Software development is never – ending process and continues the life of the software as per the changing needs of the user from time to time. The project has been developed for easy modification and enhancement that may be required from time to time.

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- www.zomato.com
- <https://www.eatsure.com/>
- <https://www.freshmenu.com/>
- <https://www.travelkhana.com/>