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Food Delivery Application

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Submitted for the partial fulfillment
of
Bachelor of Engineering
in
Information Technology

Guided by

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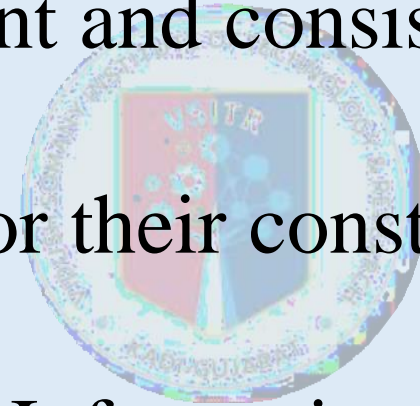
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1. Acknowledgement

- With boundless love and appreciation, we would like to extend our heartfelt gratitude and appreciation to the people who helped us to bring this work in reality. We would like to have some space of acknowledgement for them.
- Foremost, our would like to express our my sincere gratitude to our supervisor, Prof. Parita Shah whose expertise, consistent guidance, ample time spent and consistent advices that helped us to bring this study into success.
- To the project Coordinator Prof. Parita Shah for their constructive comments, suggestions, and critiquing even in hardship.
- To the Prof. Nehal Shah, Head, Department of Information Technology for his favorable responses regarding the study and providing necessary facility.
- To the honorable Dr. Hiren Patel, Principal, VSITR, Gandhinagar for his unending support, advises and effort to make possible.
- Finally, we would like to pay our thanks to faculty members and staff of Department of Information Technology for their timely help and support.



2. Abstract

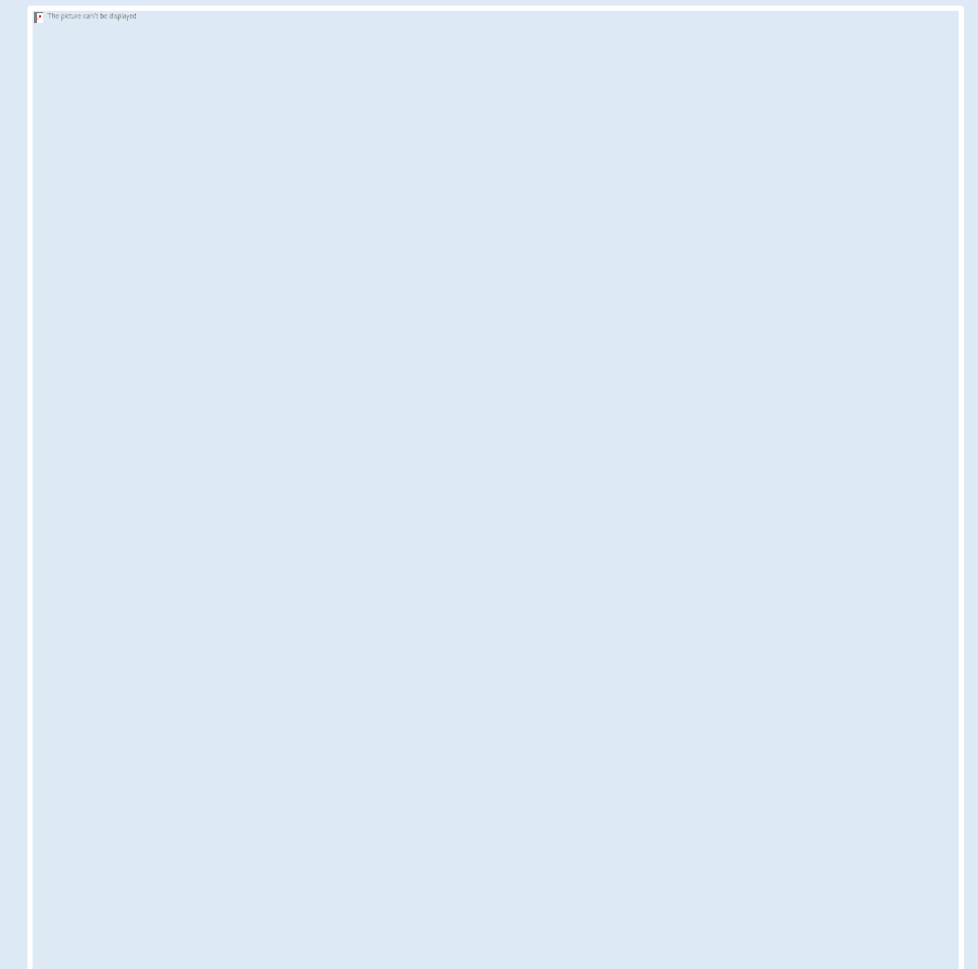
The purpose of Food Delivery Application is to automate the existing manual system by the help of computerized equipment's and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.

Food Delivery Application, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information.

The aim is to automate its existing manual system by the help of computerized equipment's and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. Basically the project describes how to manage for good performance and better services for the clients.

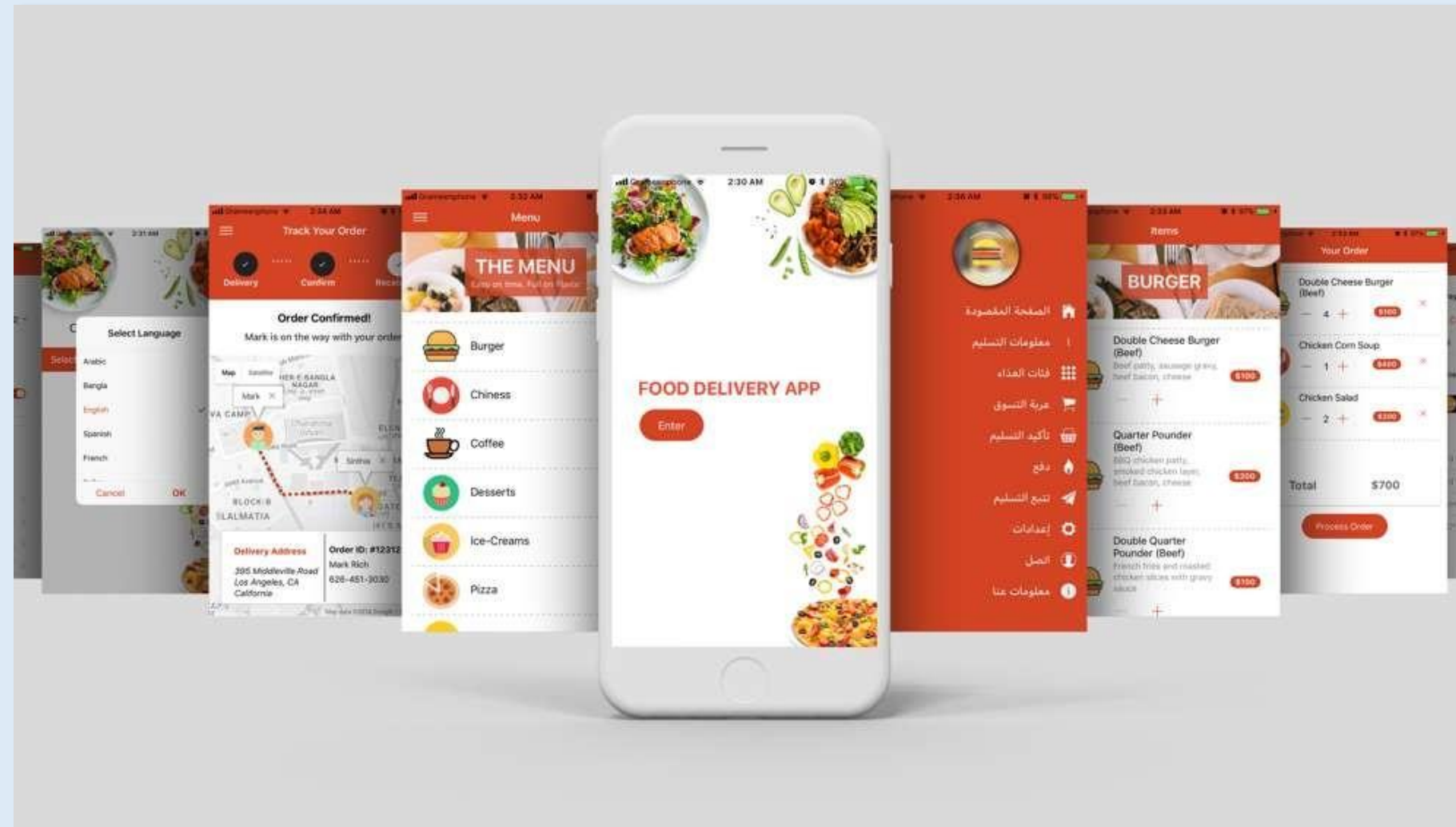
3. Introduction

- Food Delivery App is a application designed primarily for use in the food delivery industry. This application will allow restaurants, hotel, cafe and street vendors to increase scope of business by reducing the labor cost involved. Application presents an interactive and up-to-date menu with all options available in an easy to use manner. Customers can sign-up and sign-in in the app while they can use Google sign-in to use the app. Customers can choose one or more orders from the desired restaurants. If Customer wants to remove one of the order then there is a drag and drop option which will help customers to remove the order. After ordering customer will land to cart option and then to the checkout where they can pay via Cash On Delivery or Credit Card/Debit Card. After Successful Order the Customers can see the Map where they can track the order and can see the time of the orders to be delivered. Once the order is placed it is entered in the database and retrieved in pretty much real time.



3. Introduction

- This Application will allow Restaurants to register and login and add the details for their restaurants like restaurant name, restaurant image, food name, food price and food images which will be shown to the Customers.



- This Application will have Admin Login Where the admin can operate whole app and all the details of customers and restaurants. Admin can Update, Add and Delete

4. Goal

- Mobile applications can be one of the best ways to keep consumers engaged with a brand as they are on the move. With the increase in demand for smart phones and efficiency of wireless networks the demand for mobile applications has increased incredibly. Android is one of the most popular open source platforms that offers the developers full access to the framework API's so as to build innovative applications.
- The main aim of this project is to build an Android application that helps the users to order food from the specified restaurants and according to the specified tastes



5. Features

The main features provided by the Food delivery application are as follows:

- Customers can sign-up and sign-in and also they can sign-in via Google.
- Restaurant can signup and sign-in.
- Provides the searching facilities based on various factors. Such as Food item, Cart, Order, Customer.
- It also manage the Delivery details online for Order details, Customer details, Food item.
- It tracks all the information of Category, Delivery, Order, etc.
- Manage the information of Category.
- Shows the information and description of the Food item, Cart.
- 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.
- Manage the information of Order.

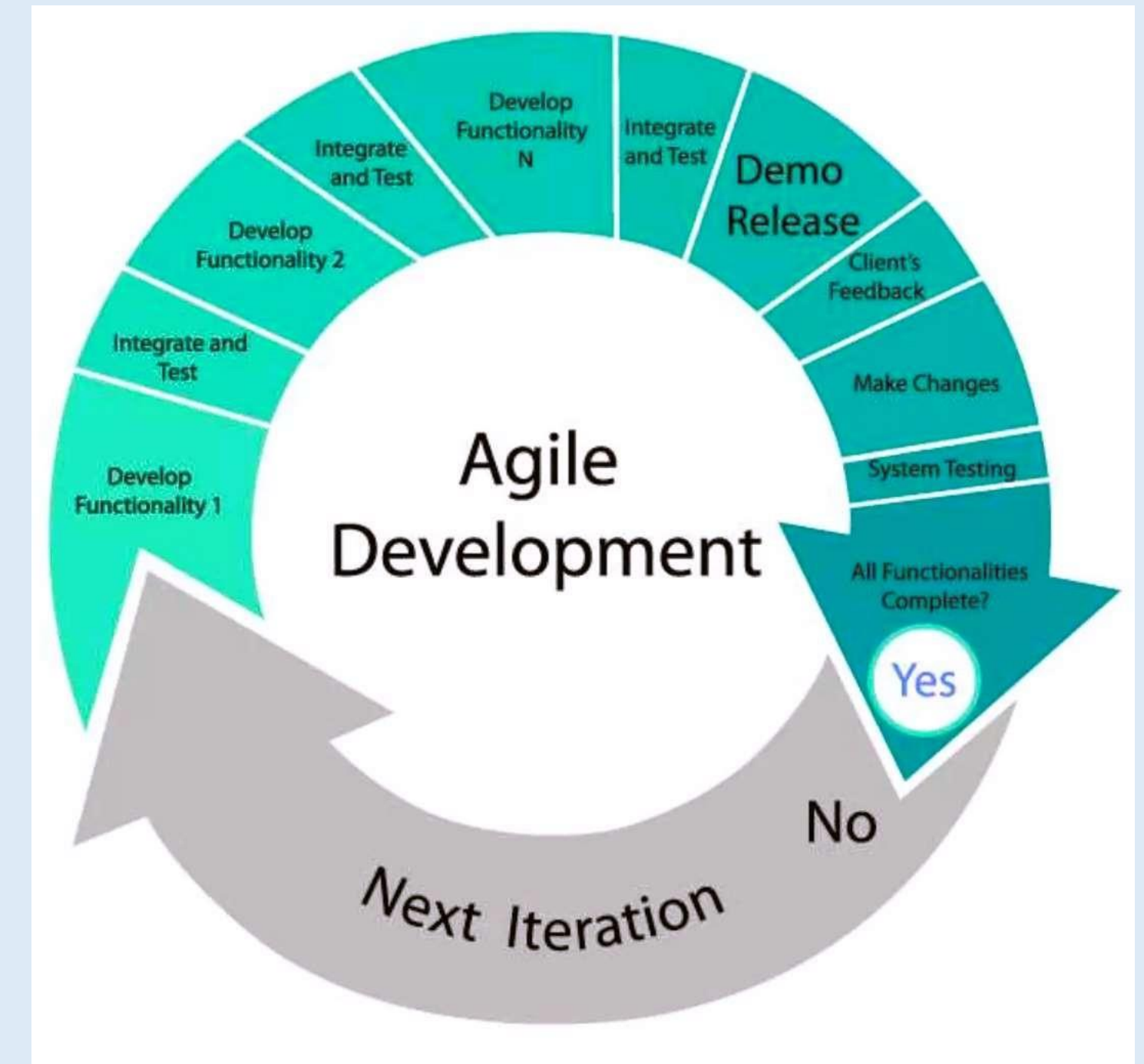
6. Objective

The main objective of the Project on Online Food Delivery Application is to manage the details of Food item, Category, Cart, Order, Customer. It manages all the information about Food item, Delivery, Customer, Food item. The project is totally built at user, restaurant and administrator end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Food item, Category, Delivery, Cart. It tracks all the details about the Cart, Order, Customer.



7. Methodology

- The Methodology Adopted is "Agile Methodology".
- The Agile Method and methodology is a particular approach to project management that is utilized in software development. This method assists teams in responding to the unpredictability of constructing software. It uses incremental, iterative work sequences that are commonly known as sprints.
- A sprint is a period of time allocated for a particular phase of a project. Sprints are considered to be complete when the time period expires. There may be disagreements among the members of the team as to whether or not the development is satisfactory; however, there will be no more work on that particular phase of the project. The remaining phases of the project will continue to develop within their respective time frames.



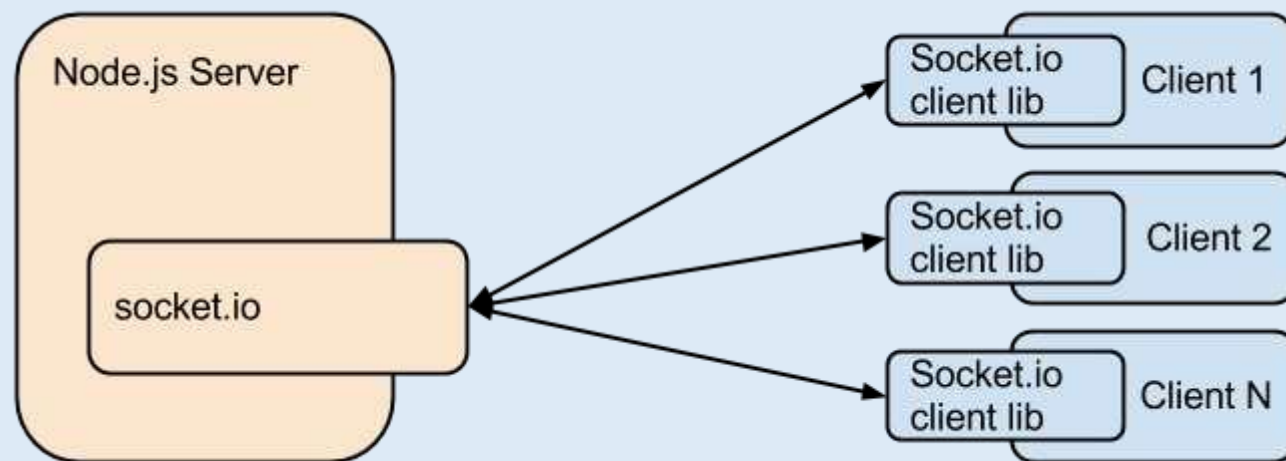
8. Tools and technologies

Tools & Technologies used are :-

- Front-end : HTML, CSS, Java-Script, Express-JS



- Other Technologies :- Socket I/O Programming



- Database :- Mongo db



- Back-end : Node-JS



9. Applications

- Makes managing order simpler
- Manage entire business at one platform
- Improves Productivity
- Keep track of the orders and deliveries
- Complete analysis of your business
- Increase sales and revenue
- Daily and monthly revenue reports

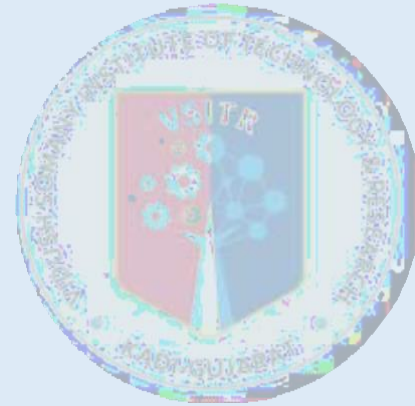


10. Conclusion

- This is our first, attempt in developing a mobile application which gave us a basic understanding of development and challenges of mobile application development. The main aim of the project is to provide an easy to use application for ordering food online from specified restaurants. As far as we tried our best to make the application perfect and real application. It allows customers to order the food and to track their order and directions from restaurants and also it allows restaurant owners to manage orders from customers immediately whenever he or she logged in into the system. Our experience in developing Online Food Delivery App using smart phones shows the capabilities of wireless communication and smart phone technology in fulfilling and improving business management and service delivery. This system is convenient, effective, it's easy to install, cost-effective, flexible

11. Future work

- Future Work :- The application can be improved in many ways and can be extended to support more devices like the tablets and iOS devices. In the upcoming days we can improve our application by adding delivery page where the delivery boy can track the order of users. Also we will add offer page where users can get the best deals on food.



12. Future Scope

Have you ever starved with no other option of cooking at home? What if you have the food delivery app on your mobile to place an order from your favorite restaurant?

- Such kind of facilities you can have only with the development of the mobile app to deliver food. Restaurants prefer to collaborate with **Food Delivery app Development Company** to provide their customers with customized features.
- In such a technological era, people find it difficult to visit restaurants. Most often, they are unable to manage time for picking up their order. Therefore, most of them like to use the food delivery app. It provides them with the option to choose the menu as per their choice and place the order instantly with a few clicks.
- It seems that with the advent of technologies, people have switched to the utilization of the easy-to-operate mobile app. This is why you find food delivery apps as one of those helping users to get the food at their doorsteps. However, the mobile app developed for food delivery also enables users to book a table, online delivery, and reservations. The availability of the restaurant apps helps restaurants to deliver quick services to their customers

13. References

1. Kanetkar, Y.P.(2004). Let us C. BPB publications.



