1. **Introduction**

1.1. Overview

Nowadays people live in a complete different life compared with years ago since the arrival of the technology. Technology is one of the main ways we change the world. **E-commerce** refers to the purchase and sale of goods and/or services via Internet which is gaining more and more popularity due to lockdown of COVID-19. Whenever, people meet up together for a several hours, they're going to require food, and beverages. Our DP's website is designed primarily for use in the food delivery for restaurant. Through these services restaurants can sell and distribute their resources at minimal resource usage effectively with high profits by gaining the customer trust. This project will be helpful for the business owners to extend their business. Customer can access our food services just by placing the orders online and not visiting the restaurant.

1.2. Purpose

These projects will assess how current restaurants carry on their booking activities. And try to improve the services by making booking service online through an online reservation system. This will eliminate the time taken in queues by customers and save on resources such as extra expenditure incurred in hiring new employees to cater for increasing number of customers.

2. Literature Survey

2.1. Existing Problem

This project is developing because; many restaurants have a lot difficult to manage the business such as customer ordering and reservation table. If the customer book an order and later wants to cancel the order, he is permitted to do this only within a specific time period. By using manual customer ordering is difficult to waiter keep the correct customer information and maybe loss the customer information. The customer is also given with the facility to view the status of the order and if the order is ready then he can go and get it.

Many restaurants manage their business by manual especially take customer ordering. . In traditional booking system, a customer has to go to restaurant or make a phone call in order to get his meal reserved. Today, restaurant waiter takes the customer ordering by manual system with using paper. Customer does some formal conversation like hello, hi, etc. Than he demands for today's menu and do some discussion over menu items then he orders. It takes 5 to 10 minutes to book the order and waiter book the order on paper so there is probability of lost and duplicates customer information. Restaurant management system puts the order in a queue with specific priority according to time and quantity
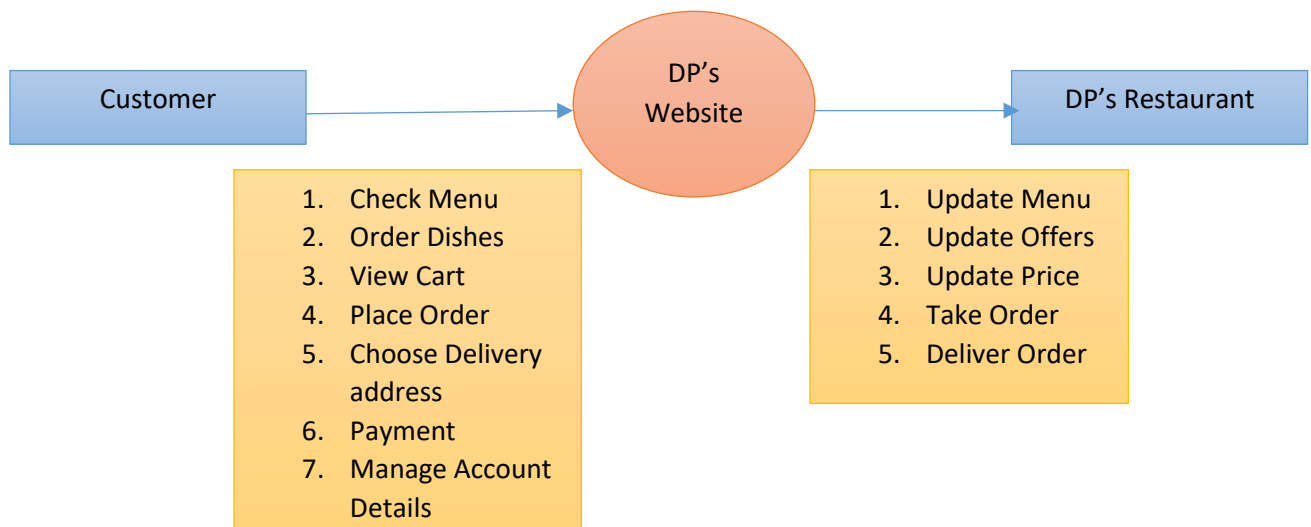
2.2. Proposed Solution:

Our solution provides ordering process for the restaurants and customers and the employees of the restaurants. Customers can place their orders from different food categories and restaurant staff will process the orders and deliver the requested order with an expected delivery time, and asking the customers for the reviews The Items list and categories of the foods are available in the database so that a customer can place an order with multiple items. Once the order is placed restaurant employees process the order and deliver it to the customer at the expected delivery time. at the end of the order customer will know about the amount how much he had to pay for the restaurant for the order. Once the Order is delivered customer can provide the feedback to the

3. Theoretical Analysis

3.1. Block Diagram

Customer	→	DP's Website	→	DP's Restaurant

Customer options	DP's Restaurant options
1. Check Menu	1. Update Menu
2. Order Dishes	2. Update Offers
3. View Cart	3. Update Price
4. Place Order	4. Take Order
5. Choose Delivery address	5. Deliver Order
6. Payment	
7. Manage Account Details	

3.2. Hardware / Software Designing

1. Hardware Interface:
   - Pentium Processor
   - 60 MB of free hard-drive space
   - 128 MB of RAM
   - Internet
2. Software Interface:
   - Operating System
   - Any Browser

4. **Experimental Investigation:**

4.1. WordPress:

Open source WordPress is the most popular online publishing platform, currently powering more than a third of the web. Here, you can start a blog or build a website in seconds without any technical knowledge. WordPress is software designed for everyone, emphasizing accessibility, performance, security, and ease of use. We believe great software should work with minimum set up, so you can focus on sharing your story, product, or services freely. The basic WordPress software is simple and predictable so you can easily get started. It also offers powerful features for growth and success. There are many plugins which we can use to build a website

4.2. Elementor:

Elementor features live design & inline editing, so the whole process of writing and designing is done directly on the page, with no need to press update or go to preview mode. It also works perfectly with or without Gutenberg.With Elementor's unique features, we can create websites that have that certain 'designer touch'. Among its design features are: Box Shadows, Background Overlays, Hover Effects, Headline Effects, Animations, Shape Dividers, Gradient Backgrounds and much more. Instant drag & drop website builder, instant live edit, instant page load. This makes the interface fun and easy to work with, as well as reduces the time it takes to design with minimal knowledge of coding.

4.3. Woocommerce:

WooCommerce is the world's most popular open-source eCommerce solution. Whether you're launching a business, taking brick-and-mortar retail online, or developing sites for clients, use WooCommerce for a store that powerfully blends content and commerce.

- **Create beautiful, enticing storefronts** with themes suited to your brand and industry.
- **Customize pages in minutes** using modular product blocks.
- Showcase physical and digital goods, product variations, custom configurations, instant downloads, and affiliate items. Bookings, memberships, subscriptions, and dynamic pricing rules are only an extension away.

4.5. Food Store:

Food Store is created by extending the core functionalities of WordPress and WooCommerce, which make it very minimal, clutter free and very familiar to use. All your WooCommerce Categories, Settings and ease of setting up store and moving around the settings panel is still there.Food Store gives you the option to convert your restaurant into instant food ordering hub. You can open it for customers to show your available menu online and let them pickup at a suitable time they prefer. This plugin helps you with all

your restaurant related options, and uses WooCommerce core features to setup the cart and checkout with various payment gateways.

5. Flowchart:
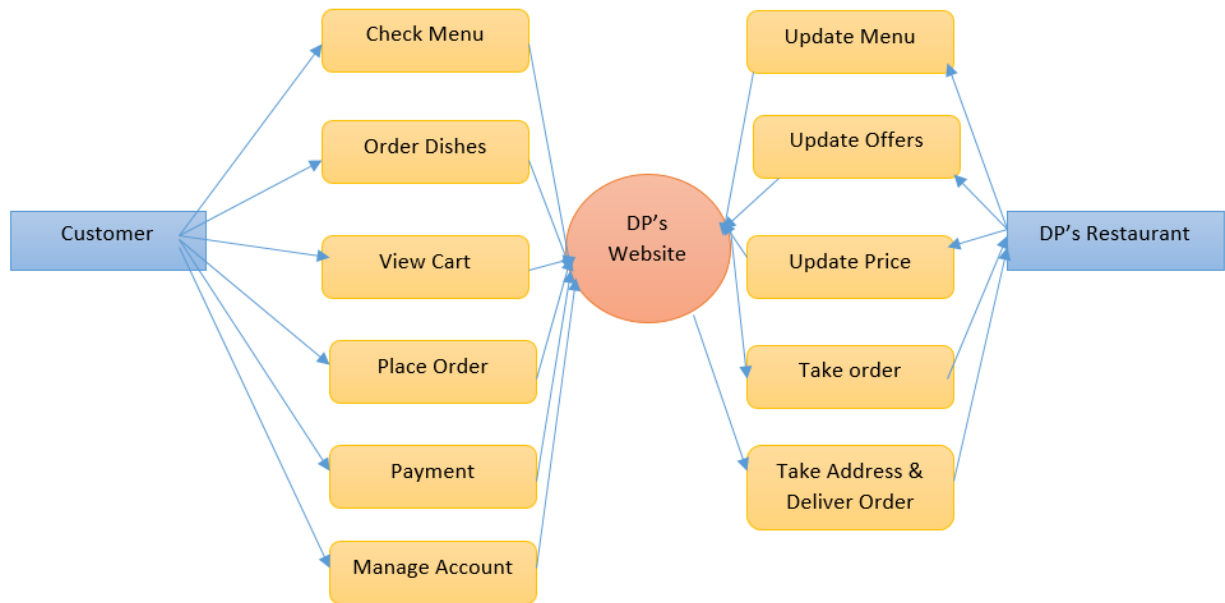
6. Result/ Implementation:

6.1. Customer visit the DP's website

DP's – Feel The Best Taste

6.2. Customer Browse Menu

DP's – Feel The Best Taste

DP's   Home   Menu   About Us   Contact Us   Order Online   Cart   Checkout   My account
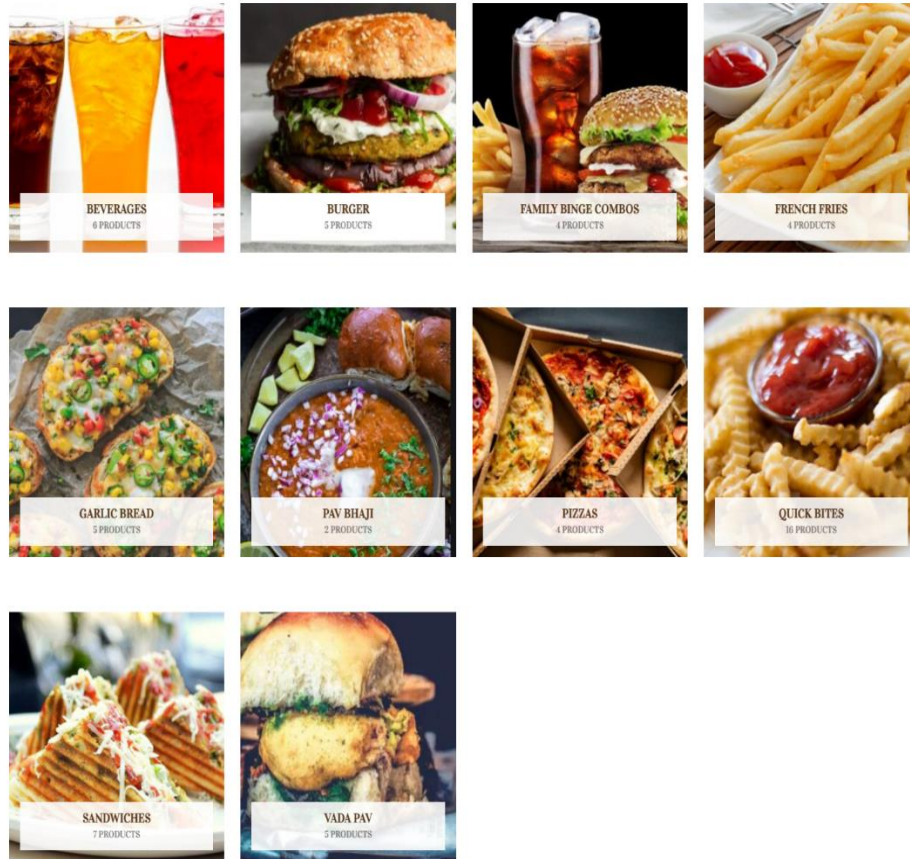
Home / Quick Bites

Quick Bites

Showing 1–12 of 16 results   Default sorting ▾

		Offer!!	Offer!!

Vada Pav | Garlic Bread | Garlic Bread | Garlic Bread

Butter Masala Vada Pav | **Cheese Chilli Corn Garlic Bread** | **Cheese Chilli Garlic Bread** | **Cheese Corn Garlic Bread**

☆☆☆☆☆ | ☆☆☆☆☆ | ☆☆☆☆☆ | ☆☆☆☆☆

₹40.00 | ₹90.00 ₹80.00 | ₹85.00 ₹80.00 | ₹80.00

Add to cart | Add to cart | Add to cart | Add to cart

	Offer!!		

French Fries | Vada Pav | Garlic Bread | Vada Pav

Cheesy Fries | **China Bite Vada Pav** | **Classic Garlic Bread** | **Creamy Mayo Vada Pav**

☆☆☆☆☆ | ☆☆☆☆☆ | ☆☆☆☆☆ | ☆☆☆☆☆

₹90.00 ₹80.00 | ₹50.00 ₹45.00 | ₹80.00 | ₹60.00

Add to cart | Add to cart | Add to cart | Add to cart

Offer!!	Offer!!		

French Fries | French Fries | French Fries | Pav Bhaji

Curly Fries | **Fries Regular** | **Mayo Fries** | **Pav Bhaji**

☆☆☆☆☆ | ☆☆☆☆☆ | ☆☆☆☆☆ | ☆☆☆☆☆

₹80.00 ₹75.00 | ₹70.00 ₹65.00 | ₹90.00 |

Add to cart | Add to cart | Add to cart | Select options

OUT OF STOCK (Pav Bhaji)

[1] [2] [→]

DP's
Feel The Best Taste

Come Grab A Slice

📍 Kotecha Nagar , Rajkot - 360007
✉ reservation@dpsofficial.com
📱 (315) 435 77 16
📠 (315) 435 77 33

🔵 🔵 🔴 🟣

6.3. Customer can see description of a dish

6.4. Customer add dishes to cart
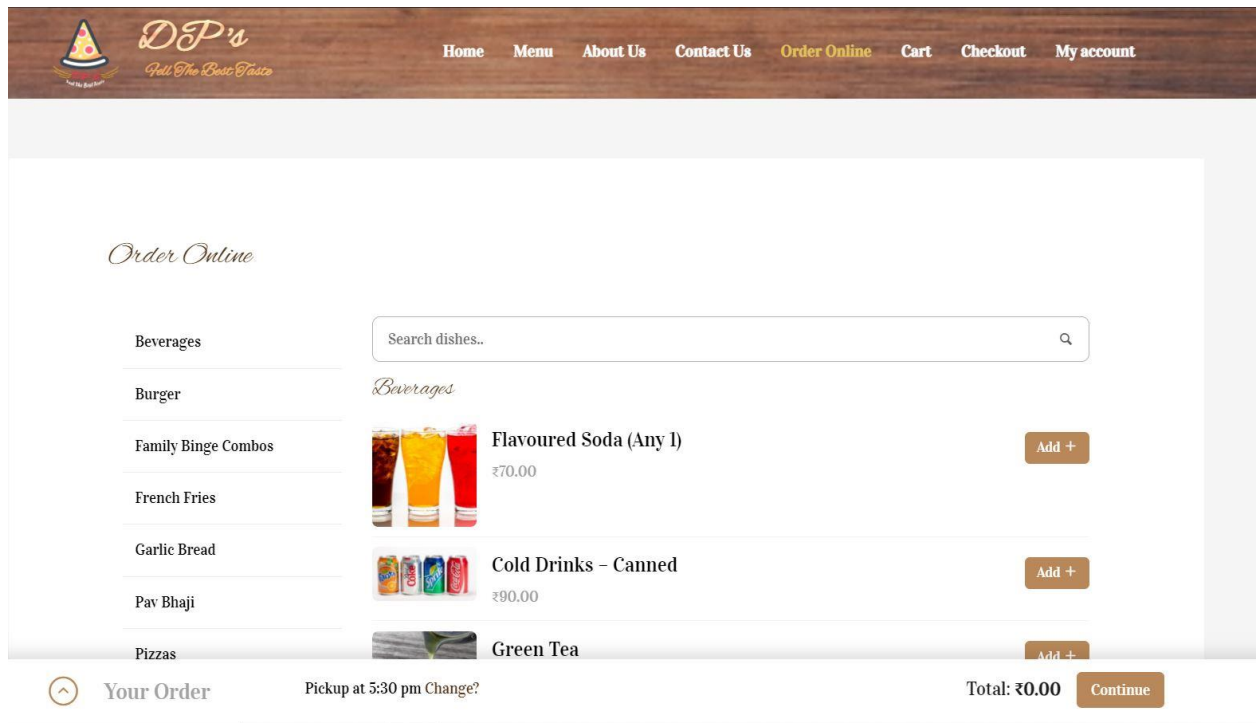
6.5. Customer View cart
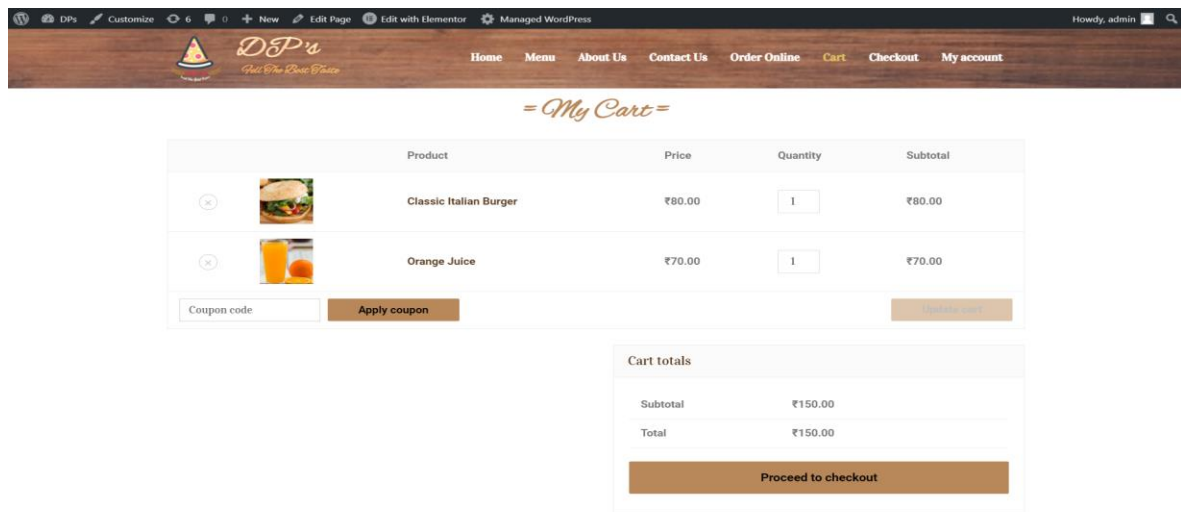
6.6. Customer will give address details & place order

6.7. Browse About Us: To meet our team

6.8. Browse Contact Us: To contact us any time
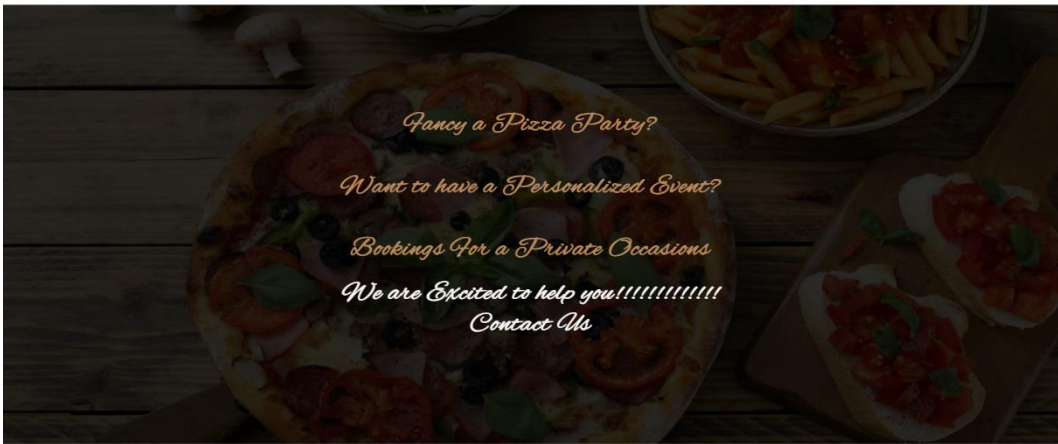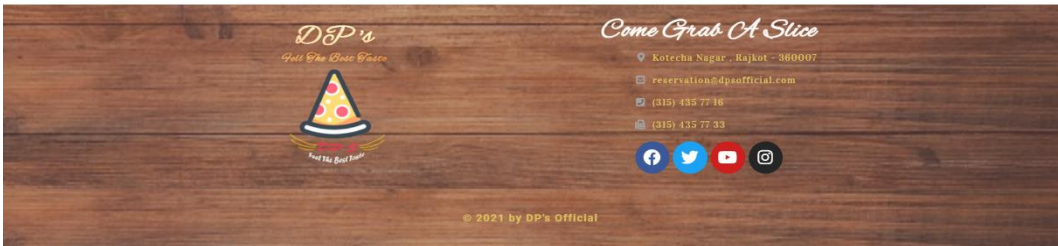
6.9. See your Account details

7. Advantages:

- There is no confinement for placing and receiving the orders, since the order can be placed online. There will be no waiting time with the vast amount of verities at the comfortable prices. Unique database for the restaurants about the customers.

- Helps customer to place order online.

- No need of waiting for the food at the restaurant door-step.

- No more order miscommunications between customer's employees and restaurants.

- Helps restaurants to improve the quality of the service.

- Customer will get benefit by rewards and restaurant will get benefit from the business.

- Suits for small food businesses.

8. Conclusion:

It will be very easy to manage website and take orders. It will attract young generation to our food business. Website will help us to expand our business. But we have to be very efficient to fulfill our customer needs at any given time. Update Website regularly to give customer satisfactory results.

9. Future Scope:

In future we hope to delve more into the reservation system. This is because that aspect of project does not offer much services to the user. We hope to expand the choices available to the customer so that customer can design their own dishes from given ingredient of their choice. We can also develop a separate interface for table reservation.

11. Bibliography:

- Various Food Ordering website

- Wordpress Site

- Various Plugins