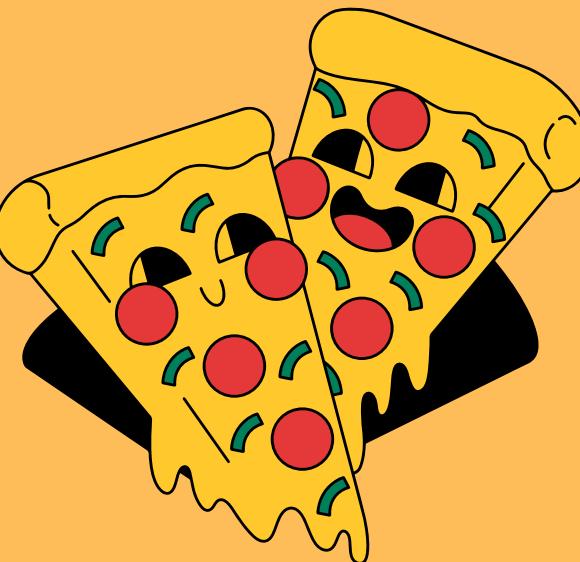
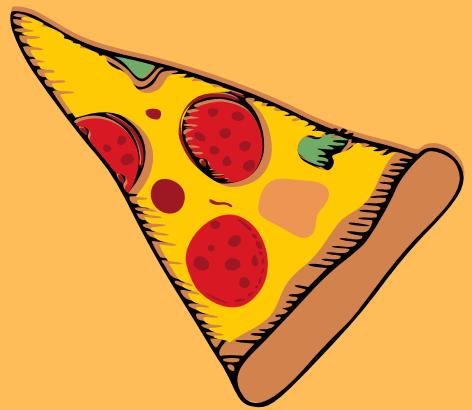


HUNGRY TUMMY



PROJECT REPORT

On

Hungry Tummy

Submitted by

Parth Shah (IU2041051094)
Jaydip Thakkar (IU2041051096)

In fulfillment for the award of the degree

Of

BACHELOR OF TECHNOLOGY

In

Computer Engineering



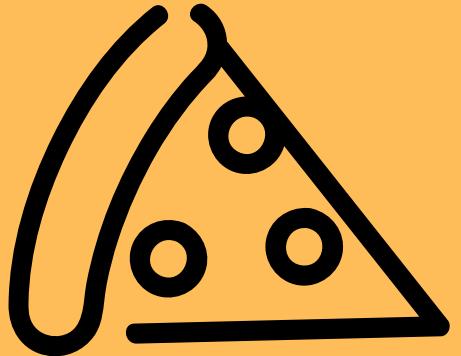
**INSTITUTE OF TECHNOLOGY AND ENGINEERING
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AMEDABAD-382115, GUJARAT, INDIA,**

WEB: www.indusuni.ac.in

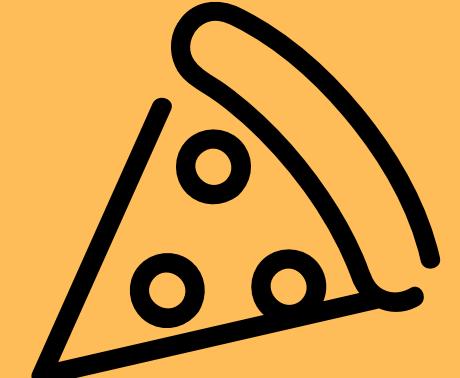
MAY 2023

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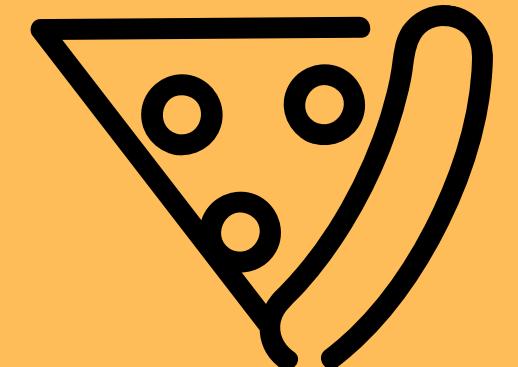
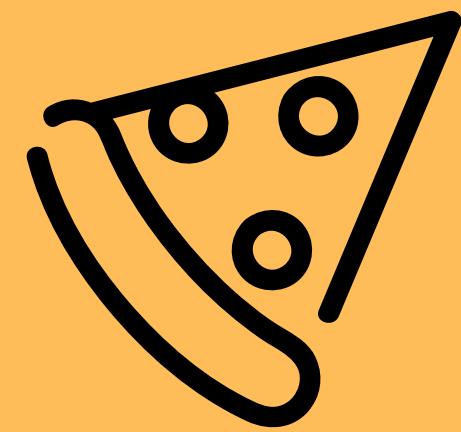
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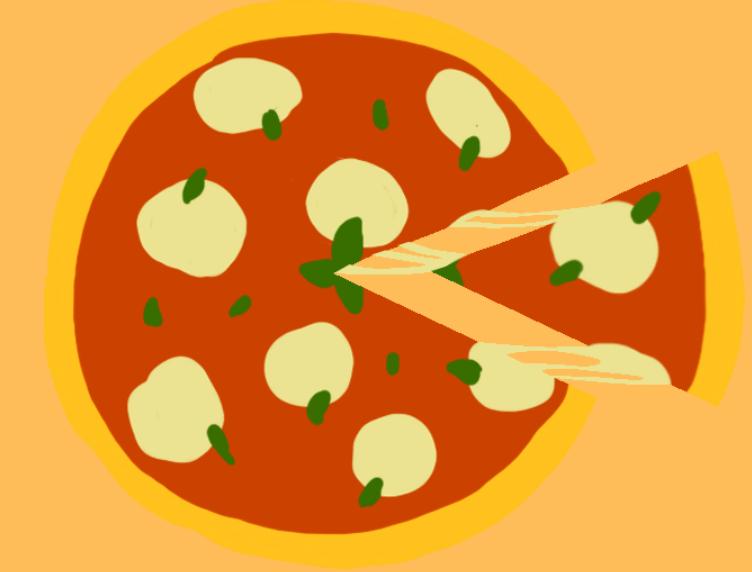
INTRODUCTION



A HungryTummy is a platform that allows customers to place orders for food delivery or take-away from restaurants through a website. This system typically includes a menu of available items, the ability to customize orders, and a secure payment will also be included here. Furthermore, adding to this HungryTummy will also include features such as the ability to track the status of an order, save past orders, and access to also discounts. The introduction of HungryTummy will make it more convenient for customers to order food from restaurants and for restaurants to manage orders and increase their customer base.



BACKGROUND STUDY



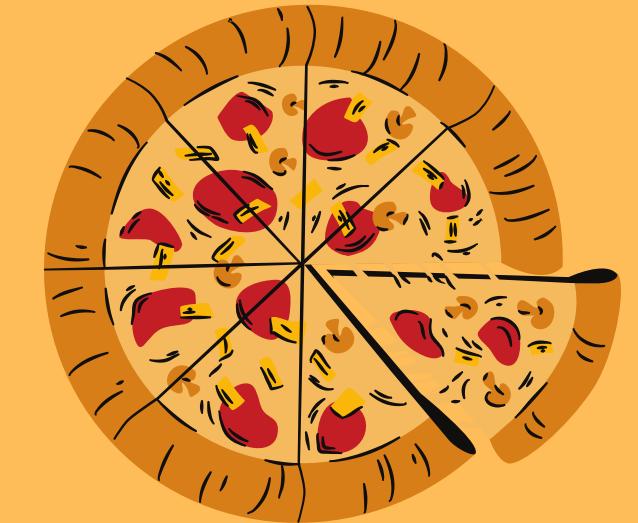
- The background study of a Hungry Tummy involves researching and analyzing the current state of the food industry, the trends and challenges faced by the industry, and the role of technology in addressing these challenges. This includes understanding the behavior and preferences of customers who use online food ordering systems, as well as the features and functionality of existing online food ordering platforms.
- The study may also involve analyzing the business models of successful online food ordering systems, as well as the various technologies and tools that are used to develop and operate these systems. It may also examine the regulatory and legal issues related to online food ordering, such as food safety, data privacy, and intellectual property.

OBJECTIVE



- The objective of a Hungry Tummy is to record the details of the various activities of the user. It will make the task easier and reduce paperwork. It helps to develop a reliable, convenient, and accurate online food ordering system. This is a system that will surely satisfy customer service. It can handle a large number of orders at the same time. It performs and is acceptable in terms of security, usability, accuracy, and reliability.
- It helps to improve communication between the client and the server while reducing ordering time.
- The main objective of the project on the Hungry Tummy is to manage the details with a few clicks and easy access. The project is built for the administrative end and the customer end, both.

WORK FLOW (SYSTEM DESIGN)



- ER Diagram
- Activity Diagram
- Data Flow Diagram
- State Chart Diagram
- Sequence Diagram
- Class Diagram
- Use Case Diagram

TOOLS & TECHNOLOGY



Front-end: HTML, CSS, JavaScript, Bootstrap



Back-end: Python, Django



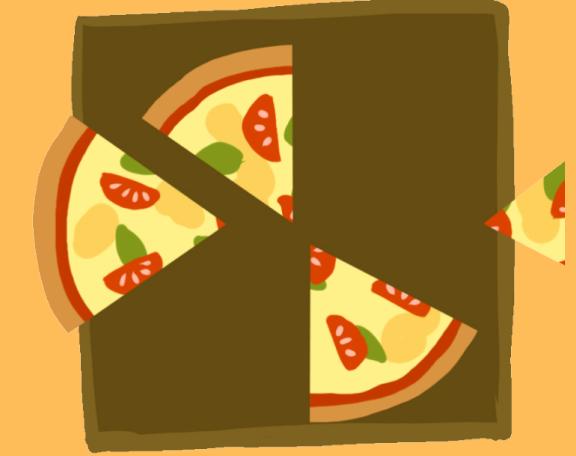
Software: sqlite



Database: dbsqlite3

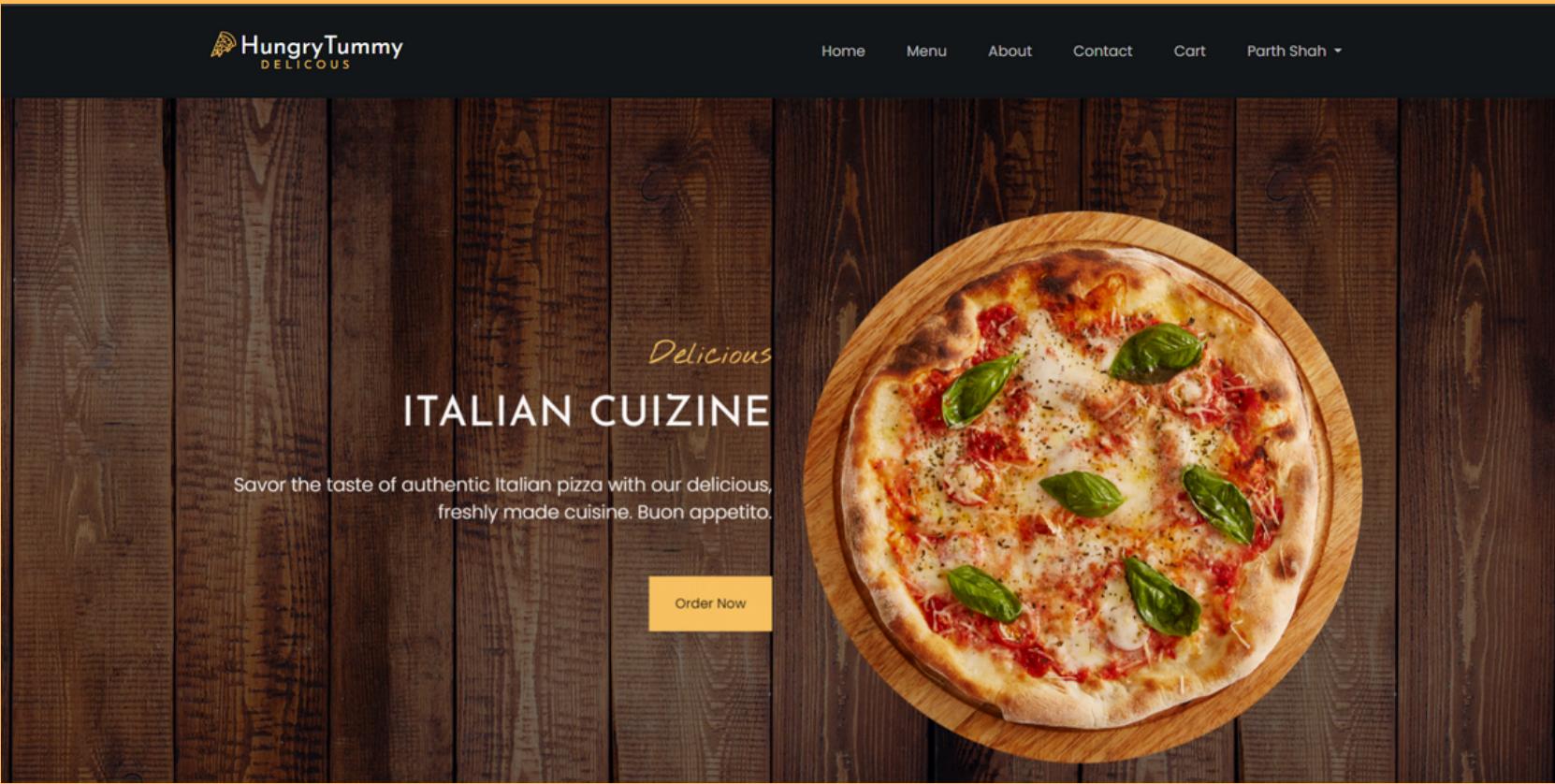


IMPLEMENTATION



The implementation of a Hungry Tummy typically involves the following steps:

1. **Requirement Gathering:** The first step is to gather the requirements from the stakeholders, including the restaurant owners, customers, and delivery partners. This will involve understanding their needs and expectations from the online food ordering system.
2. **Designing the System:** Once the requirements are gathered, the next step is to design the system architecture, user interface, and the database schema.
3. **Development:** The development phase involves writing the code and integrating the various components of the system, including the web server, database server, payment gateway, and delivery management system.
4. **Testing:** The system must undergo rigorous testing to ensure that it is working as expected and is free from bugs and errors.
5. **Deployment:** Once the system is tested and approved, it can be deployed on the production server.
6. **Maintenance and Support:** After the system is deployed, it needs to be maintained and supported to ensure its smooth operation. This may involve updating the software, fixing bugs, and providing technical support to the users.



BEST SELLER

Recommended For You

Margherita Pizza Size : Medium A Classic Cheesy Margherita. Can't Go Wrong. \$ 10 Order	Pesto & Basil Special Pizza Size : Medium Capsicum,Jalapenos,Paneer With Pesto & Basil Dip \$ 20 Order	Paneer Tikka Butter Masala Pizza Size : Medium An India Speciality On A HungryTummy Pizza. Exotic Paneer, Onion, Capsicum & Red Paprika \$ 20 Order
Tandoori Paneer Pizza Size : Medium Capsicum, Onion, Paneer, Sweet Corn In Korma Dip \$ 20 Order	Cheezy-7 Pizza Size : Medium An Exotic Combination Of White Mozzarella, Cream, White Cheese, Monterey Jack, Cream Orange, Colby And Orange Cheddar Cheese \$ 20 Order	English Retreat Pizza Size : Medium Olives,Red Paprika, Tomatoes, Paneer, Capsicum, Cheese, Jalapeno Dip. An English Special \$ 30 Order

CLIENT SIDE

Cart

No	Image	Item Name	Item Quantity	Item Size	Price
		Cheezy-7 Pizza	<input type="button" value="−"/> 1 <input type="button" value="+"/>	Medium	\$ 20

Cancel **Checkout**

Order Summary

Product Name : Cheezy-7 Pizza [S]
Quantity : 1
Price: 20

Total Amount To Be Paid With 20.0

Pay with

Visa Credit ****7225 ₹ 1,461.71 INR

Make this my preferred way to pay

PayPal's conversion rate: 1 INR = 0.01368 USD
See currency options

PayPal \$ 20.00 USD

Shipping Address

Hi, Parth!
Ship to Parth Shah
Flat no. 507 Wing A Raheja Residency, Film City Road, Goregaon East, Mumbai, Maharashtra, 400097

Term and Condition: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam saepel iure optio repellat et cumque neque numquam laboriosam, occaecat quis?

Link debit or credit card

PayPal

Authentication and Authorization

- Groups**: Add, Change
- Billing models**: Add, Change
- Customer models**: Add, Change
- Order models**: Add, Change

Ownerapp

- City branches models**: Add, Change
- City wise branches models**: Add, Change
- Product master category models**: Add, Change
- Product servings**: Add, Change
- Product sizes**: Add, Change
- Product statuss**: Add, Change
- Product sub category models**: Add, Change
- Products models**: Add, Change

Userapp

- Aboutchefs**: Add, Change
- Carts**: Add, Change
- Customer models**: Add, Change
- Image blogs**: Add, Change
- Orders**: Add, Change
- Terms_cons**: Add, Change
- User contact us models**: Add, Change

Recent actions

- Changed Username. (11 hours, 50 minutes ago)
- Changed Status. (13 hours, 24 minutes ago)
- Changed Status. (13 hours, 26 minutes ago)
- Changed Product. (13 hours, 26 minutes ago)

Products models

MasterCategory	SubCategory	ProductSize	ProductServe	ProductName	ProductDesc	ProductOriginalPrice	ProductDiscount	ProductS
Dip's	Dips	-	-	Mexican Salsa Dip 5.00	-	5	0	5
Dip's	Dips	-	-	Korma Dip	-	5	0	5
Dip's	Dips	-	-	Hot & Garlic Dip	-	5	0	5
Dip's	Dips	-	-	Cheese Dip	-	5	0	5
Dip's	Dips	-	-	Peri Peri Dip	-	5	0	5
Dip's	Dips	-	-	Jalapeno Dip	-	5	0	5
Beverages	Beverages	-	-	Coke	-	3	0	3
Dessert	Premium Lava Cakes	-	-	Choco Lava	Small Muffin Infused With Warm Chocolate! Vintage Dessert	12	0	12
Taco's	Tacos	-	-	Paneer &	Crispy Taco Filled With	5	0	5

ADMIN SIDE

Add user

First, enter a username and password. Then, you'll be able to edit more user options.

Username *:

Required. 150 characters or fewer. Letters, digits and @/./-/_. only.

Password *:

Your password can't be too similar to your other personal information.
Your password must contain at least 8 characters.
Your password can't be a commonly used password.
Your password can't be entirely numeric.

Password confirmation *:

Enter the same password as before, for verification.

Save, **Save and add another**, **Save and continue editing**

Users

staff status	superuser status	active	groups	Search
-----	-----	-----	-----	Go 0 of 3 selected
Username	Email address	First name	Last name	Staff status
HT_Admin	admin@gmail.com	Admin	Parth	✓
amparth	parth@gmail.com	Parth Shah		✗
jayu	jayu@gmail.com	Jaydip Thakkar		✗

3 users

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CONCLUSION & FUTURE DIRECTIONS



- Our project is very user-friendly. This project will prove to be powerful in satisfying all the requirements of the customer. The objective of software planning is to provide a framework that enables the manager to make reasonable estimates within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.
- The project basically contains the admin side and the customer side. The admin side handle tasks like view the order details, adding or removing food items from menu, and assisting the employees in viewing all the information in graph form for ease of use. The client side allows a user to view the menu, filter the products as per their needs, order the food, and pay using online or offline mode, know about the team of chefs, know what services are offered, and get a glimpse of our history.
- In a nutshell, it can be said that the future scope of the project revolves around maintaining information regarding:
 - We can provide more advanced software for the online food ordering system, including more facilities.
 - We will host the platform on online servers to make it accessible worldwide.
 - We will give options for discounts and coupons at the check-out page.
 - We will also provide an option for people who book reservations to select the table number at which they will sit.

REFERENCES



- **List of Literature Survey References:**

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- [2] Prathamesh Jagannath Mane “Study of Online Food Delivery App like Zomato & Swiggy and their effect on Casual Dining.” International Journal of Scientific Research and Engineering Development.
- [3] Varsha Chavan, Priya Jadhav, Snehal Korade, Priyanka Teli, “Implementing Customizable Online Food Ordering System Using Web Based Application”, International Journal of Innovative Science, Engineering Technology(IJISET) 2015.

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Thank you!

