

*A Mini Project Synopsis on*  
**Online Food Ordering**

**S.E. - I.T Engineering**

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# CERTIFICATE

This to certify that the Mini Project report on **Online Food Ordering** has been submitted by **Sampada Mahadik (20104092), Mitali Chaudhari (20104104), Sakshi Parab (20104059), and Parthavi Khatu (20104108)** who are a Bonafede students of A. P. Shah Institute of Technology, Thane, Mumbai, as a partial fulfilment of the requirement for the degree in **Information Technology**, during the academic year **2021-2022** in the satisfactory manner as per the curriculum laid down by University of Mumbai.

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# CHAPTER 1: INTRODUCTION

Our Food Ordering System re-creates the concept of “Online kitchens” where customers can select chefs and their favourite dishes to enjoy their food at the comfort of their homes. It has been designed to cater to a niche market of customers. The payment for the customer will be done by through the cash on delivery system through a centrally stream-lined unit and as service provided by the Food Ordering system.

## *1.1 Purpose*

- The purpose of our online food ordering system is to serve the customer their favourite dishes without worrying about providing detailed information related to credit-debit cards.
- Also, customers have the advantage of ordering food which is specific to their choice.
- In contemporary times, owing to the pandemic food delivery at home is the preferred way for customers to enjoy food instead of dining out.
- For the customer, it is cheaper to order food from an online ordering website instead of through a third-party aggregator.
- It also improves customer loyalty since the customer will get a better experience when he or she orders directly from the business (chefs).

## ***1.2 Objectives***

- To re-create an online food ordering system for any restaurant .
- To provide online menu information about chefs and availability of their specialized food dishes to customers.
- To manage all the information of customers reviews/feedbacks.
- To develop a system that satisfies the customer's service.
- To design a system which is able to accommodate huge amount of orders at a time if required.
- To improve the interaction between the customer and chef and minimize the time of ordering.

### ***1.3 Scope***

- It satisfies the users requirements (customers as well as chefs).
- Be easy to understand for the users.
- Be intuitive and easy to operate.
- The system will be well-designed and have a good user interface.
- The system will be robust and scalable.
- The system designed can be used individually by chefs.
- Provides scope to both customers and chefs to create one-to-one business to customer scenario.

## **CHAPTER 2: PROBLEM DEFINITION**

The challenges encountered by the existing system serve as a major drawback to the realization of efficiency and customer satisfaction. The other problem in the foodservice industry is that restaurants are not realizing the efficiencies that would result from better application of technology in their daily operations. The food business is a very competitive business and one way to stand out from competitors is through improving the business process where business process automation can assist business improvement.

The old manual system was suffering from a series of drawbacks. Earlier the whole of the system was managed manually. Thus, the process of keeping, maintaining, and retrieving the information was very tedious and lengthy. The records were never used to be in a systematic order. If any information was to be found it was required to go through the different registers, documents there would never exist anything like report generation. There would always be unnecessary consumption of time while entering records and retrieving records. One more problem was that it was very difficult to find errors while entering the records. Once the records were entered it was very difficult to update these records.

The reason behind it is that there is a lot of information to be maintained and has to be kept in mind while running the business. For this reason, we have provided various features. The present system is partially automated (computerized), the existing system is quite laborious as one has to enter the same information at three different places.



### **CHAPTER 3: PROPOSED SYSTEM**

The proposed system aims to enable the end-users to register to the system online, select the food items of their choice from the menu list of their favourite chefs, and order food online. The payment will be done at the time of home delivery.

With this application, the workload of the staff in the “Online Food Ordering” system can be mapped to delivery of the food products to the customers. This helps to streamline customer request and provide quality food. Also, the customer will never be turned down from having food of their choice which can happen in conventional scenarios.

- Minimize manual data entry.
- Minimize time needed for processing the various transactions.
- Greater efficiency in serving customers.
- Better service to customers.
- User-intuitive and advanced interaction.
- Minimize time required

### **3.1: Features and Functionalities**

- Combo deals are available.
- Take Away Ordering: The take away ordering is a win-win solution for restaurant owners and customers.
- Feedback and reviews
- Connect with Customers.
- Smoother Payment with more Accountability.
- Fast and Easy to Setup and have easy Pricing.

## **CHAPTER 4: PROJECT OUTCOMES**

- Customer's satisfaction.
- Increase in Sales.
- Clients can order whenever they want.
- Efficient customer and order management.
- Customer can choose to order food online because it's literally at their fingertips.
- Virtually anyone with a smartphone can order food online from your restaurant.
- This system will overcome the problems occurring while using the manual system

## **CHAPTER 5: SOFTWARE REQUIREMENTS**

Frontend:

- 1) PYQt5/Qt Designer
- 2) Visual studio code

Backend:

- 1) SQLLITE3

## **CHAPTER 6: PROJECT DESIGN**

This software is totally independent system that manages activities of their food Orderings like taking orders from customers, selecting chefs and menu. In this project all the records are stored in single database. Each user has username. Users don't have right to alter records after particular time period.

### **System Features: -**

- **Sign in and sign up helps user to register and login themselves**
- **Validation gives a security to the users by preventing unauthorized actions.**

User needs to register themselves, then using the login system, thereafter they need to provide username and password.

Next, they are directed to a page where they need to select their favourite restaurant/chef. Proceeding, the user will be on the page of his/her favourite chef/restaurant. There the user will be able to see the restaurant special items i.e dishes by the chef etc. After selecting the dishes, the user will have to pay the amount as COD.

User can give review about the restaurant. After this the receipt will be generated. This is the project which is designed for the user to be friendly with our application. Here are some GUI images from our application.

➤ **“HOME PAGE” OF Online Food ordering system:**



## ➤ Customer's Register Page & Login page:

WEFOODIES

**LOGIN**

Username

Password

**LOGIN**

**DON'T HAVE AN ACCOUNT CLICK HERE:**

**REGISTER**

WEFOODIES

**REGISTER**

NAME : name

EMAILID : emailid

PHONE NO. : phoneno

USERNAME : username

PASSWORD : password

ADDRESS: address

**SIGN UP**



➤ Select your favourite chefs:



➤ Favourite Food by your Favourite chefs:

## MAU RESTAURANTS

- BY CHIEF AMAR VARMA

☐ CHCKEN TANDOORI::250 RS

☐ CHICKEN FRY : 300 RS

☐ SHORMA:: 170 RS

☐ CHICKEN RICE::120 RS

☐ CHICKEN HANDI::250 RS

☐ CHICKEN CRISPY::200 RS

☐ CHICKEN SHEZWAN RICE::120 RS

☐ CHCKEN TRIPPLE RICE::250 RS

☐ CHICKEN LOLLYPOP::250 RS

☐ CHICKEN FRIED RICE::200 RS

TOTAL BILL



# MINI DHABA

-BY CHEF SODHI

☐ NAAN::20 R\$

☐ JEERA RICE::70 R\$

☐ PANNER PULAV::100 R\$

☐ KASHMIRI PULAV::120 R\$

☐ ROTI::08

☐ BUTTER NANN::25 R\$

☐ BUTTER ROTI::15 R\$

☐ STUFF NAN::20 R\$

☐ PLAIN RICE::50 R\$

☐ HANDI BIRYANI::130 R\$

☐ HYDRABADI BIRYANI::110 R\$

☐ CHEESE BIRYANI::130 R\$

☐ VEG BIRYANI::100 R\$

☐ PANJABI THALI::140 R\$

☐ SADHA THALI::80 R\$

☐ SADHA THALI(PARATHA)::90 R\$

RESET

ORDER

TOTAL BILL:

PROCEED TO PAY

## MUMMA MIA -BY CHEF VIKAS KHANNA

<input type="checkbox"/> SCHEZWAN FRIED RICE::RS.170	<input type="text" value="0"/>
<input type="checkbox"/> PANEER MANCHURIAN DRY::RS 140	<input type="text" value="0"/>
<input type="checkbox"/> HAKKA NOODLES::RS 190	<input type="text" value="0"/>
<input type="checkbox"/> LEMON CHICKEN::RS 200	<input type="text" value="0"/>
<input type="checkbox"/> CHOP SUEY::RS 125	<input type="text" value="0"/>
<input type="checkbox"/> PANEER FRIED RICE::RS 150	<input type="text" value="0"/>
<input type="checkbox"/> CHILLI PANEER::RS 190	<input type="text" value="0"/>
<input type="checkbox"/> SCHEZUAN CHICKEN RS 175	<input type="text" value="0"/>
<input type="checkbox"/> CHICKEN LOLLIPOP ::RS 350	<input type="text" value="0"/>
<input type="checkbox"/> SCHEZWAN NOODLES::RS 160	<input type="text" value="0"/>
<input type="checkbox"/> CHILLI CHICKEN::RS 140	<input type="text" value="0"/>
<input type="checkbox"/> CHOWMEIN RS 165	<input type="text" value="0"/>
<input type="checkbox"/> GARLIC CHICKEN RS 230	<input type="text" value="0"/>
<input type="checkbox"/> VEG SPRING ROLL'S RS 135	<input type="text" value="0"/>
<input type="checkbox"/> HUNAN CHICKEN RS 240	<input type="text" value="0"/>

**ORDER**

**RESET**

**TOTAL BILL:**

**PROCEED TO PAY**





➤ **Payment Option:**



## ➤ Review/Feedback page:

REVIEW PAGE

☐ 😊 **GOOD**

☐ 😍 **VERY GOOD**

☐ 😐 **POOR**

**FEEDBACK**

submit

**GIVE YOUR REVIEW TO OUR AMAZING RESTAURANT**

## **CHAPTER 7: PROJECT SCHEDULING**

All the work done by all four members, with the use of tools like Anydesk and Apps like Webex.

<b>Date</b>	<b>Progress</b>
01/02/2022 to 04/02/2022	Identifying the scope and objectives of the Mini Project.
05/02/2022 to 10/02/2022	Identifying the functionalities of the Mini Project
11/02/2022 to 15/02/2022	Discussing the project topic with the help of paper prototype.
16/02/2022 to 08/03/2022	Designing the Graphical User Interface (GUI)
09/03/2022 to 18/03/2022	Database Design
19/03/2022 to 01/04/2022	Database Connectivity of all modules
01/04/2022 to 04/04/2022	Integration of all modules and Report Writing
05/04/2022 to 08/04/2022	Preparing Project presentation & Final report for allotted Project topic
09/04/2022	Final report for allotted Project topic

## **CHAPTER 8: CONCLUSION**

Online Food Ordering system is done to help and solve one of the important problems of customer. With the help of this system we are catering to a niche set of customers. Thus, implementation of Online Food Ordering system helps customer in ordering food easily and gives information needed for same.

## **REFERENCES**

Stack Overflow: - <https://stackoverflow.com/>

Wikipedia: -[https://en.wikipedia.org/wiki/Online\\_food\\_ordering](https://en.wikipedia.org/wiki/Online_food_ordering) Python:

- <https://wiki.python.org/python/>