

# Review of Case Study of Digital Food Ordering System

Miss. N. D. Deval<sup>1</sup>, Snehal S. Pujari<sup>2</sup>, Muktai R. Nagane<sup>3</sup>, Snehal S. Sutar<sup>4</sup>,  
Vaishali L. Sule<sup>5</sup>, Vaishnavi P. Puri<sup>6</sup>

Assistant Professor, Department of Computer Science Engineering<sup>1</sup>  
UG Scholars, Department of Computer Science Engineering<sup>2,3,4,5,6</sup>  
SVERI's College of Engineering, Pandharpur, India

**Abstract:** *A Digital Food ordering system is a web based application. If you are the owner of any hotel or restaurant then this application will help you to make it easy for your employees or waiters to collect online orders using a tablet or iPad, etc. This application will ensure a better work organization. It will reduce the complexity of work in the restaurants. It is used to tell the kitchen what to cook, which table ordered what and how much to charge each table after they are done eating. It will keep data of all the orders and bills of each and every day.*

**Keywords:** Digital Food Ordering System using PHP

## I. INTRODUCTION

Digital Food ordering system is a web grounded operation which is substantially designed for waitering purpose. Your workers or server can collect orders on any devices with access to the internet, tablet or iPad. An order can be collected with just one click. Your workers will also inform the client about order processing time. They don't have to note anything down or study any order detail. All information is presented on the screen Take the applicable dishes to the applicable tables once the kitchen has prepared them. Use the order pad paper to flash back which table ordered

## II. BACKGROUND

People like to dine in at eatery for their refectation currently. There are lot reasons why people prefer eating out. One of the reasons is they lazy to cook after work. People will feel tired after further than 7 hours of work. thus, they don't have any energy to prepare their refectation. As further and further people eat in the eatery, the eatery director should make some changes to increase the speed of ordering. Traditionally, the guests need to interact with the waitpersons to place order. The waitpersons write down the foods that the client order. The paper will also pass to the kitchen and the cook will start to cook. The guests have to face lot of nuisances with this traditional system. For illustration, staying to get the food served, entered incorrect bill and numerous further. All this vexation will beget the guests unsatisfied on the service of the eatery. With the new changes, the waiters can take the order through Digital food ordering system. The customers do not need to wait to be served usually at the peak hours. After the order is given using the ordering system, they just need to wait for the food.

### 2.1 Objectives

1. To develop a system that includes digital waitering method.
2. To design a user-friendly system that provides latest information to customers

### 2.2 Goal

The main goal of our project is to provide digital waitering method which can reduce the manual work load of waiters. And can also avoid the misunderstanding between customers' orders. Because of this system they can save plenty of valuable time that would normally have been used for taking orders manually by writing. This will make it possible to provide a better service to customers in the restaurant. Better customer service will contribute to more sales and increased tips for waiters. It's a win-win situation for everyone

### III. METHODOLOGY

Technology Used – HTML, CSS, PHP

#### 3.1 Admin Module

The administrator can add user, delete user, view user and block user. For designing admin login page we have used HTML and CSS. We have added Waiter login button also on the same page. For storing the data we are going to use PHP MySQL.

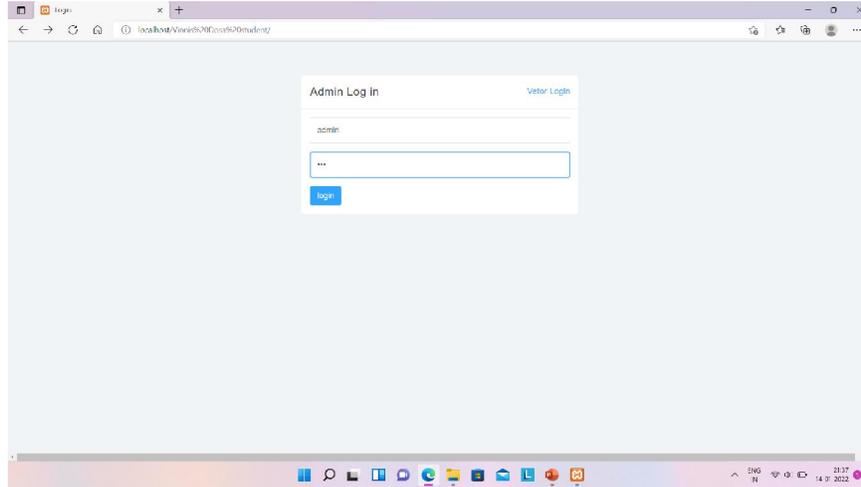


Fig 1. Admin Login Page

#### 3.2 Dashboard

On dashboard we have provided many operations like

- Create waiter: In this new waiter account will be created.
- Create Product: In this part new items are added.
- Create Table: In this part new tables are added.
- Kitchen Display: In kitchen display the items ordered by customers are displayed.
- Report: The daily report of ordered food and bills are stored.
- Create parcel: In this part parcel orders are taken.

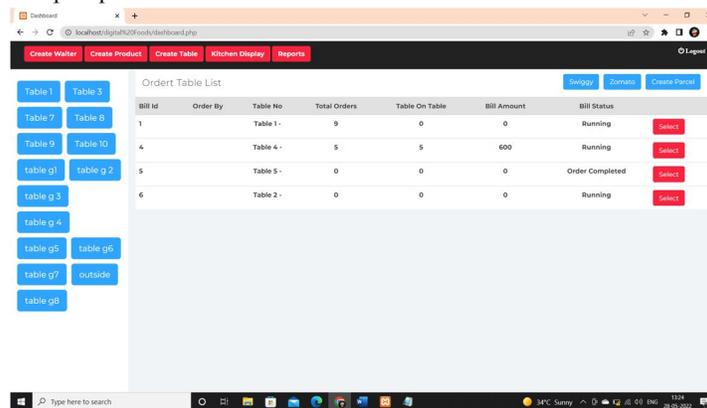


Fig 2. Dashboard

#### 3.3 Kitchen Display

This will display the orders taken by the customer in three parts hotel orders, online orders, parcel orders. For designing this page, we have used HTML and CSS. For storing the data, we are going to use PHP MySQL.

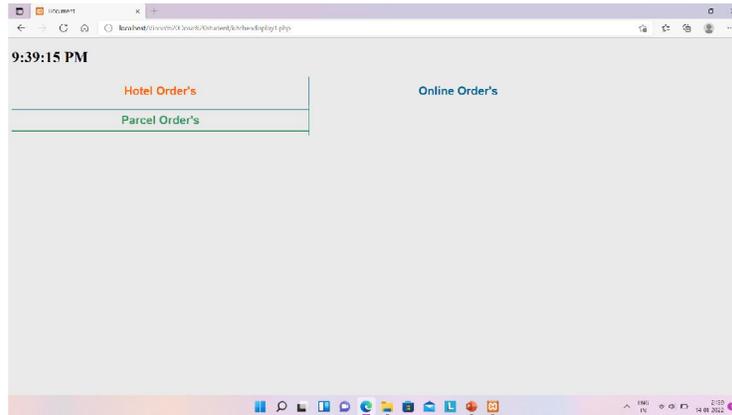


Fig 4. Kitchen Display

### 3.4 Report

This is part designed for storing daily orders. This will keep track of daily business of hotel, you can manage all the data.

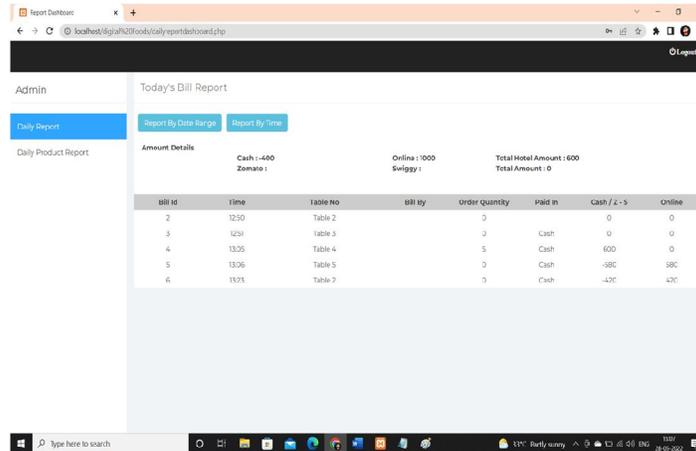


Fig 5. Report

### 3.5 Waiter

This page is designed for waiters to take the order of customers.

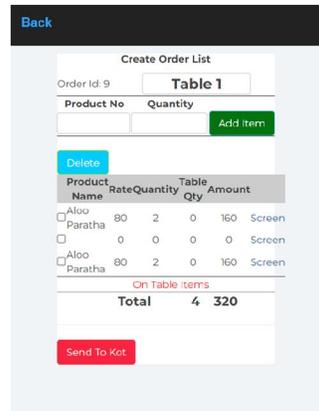


Fig 6. Waiter page

#### **IV. CONCLUSION**

To develop a system The Digital food ordering system is simple to use and will make it easier for your restaurant to operate. You can use it on a tablet or iPad so you don't have to incur any costs of complicated devices and their maintenance. Your employees will save plenty of time because they won't have to take orders manually. Turnover at your restaurant will increase and you will be able to better organize the time of your employees.

##### **4.1. Future Scope**

The digital food ordering system is one of the most profitable marketing strategies for restaurant businesses. Digital food ordering platforms also prevents missed orders due to rush in the restaurants. People no more have to shout for their orders in a crowded restaurant. Currently this application is limited for only one restaurant in future we can make it for a branch of restaurants.

#### **REFERENCES**

- [1]. Kirti Bhandge, Tejas Shinde, Dheeraj Ingale, Neeraj Solanki, Reshma Totare," A
- [2]. Proposed System for Touchpad Based Food Ordering System Using Android Application",
- [3]. International Journal of Advanced Research in Computer Science Technology (IJAR SCT 2015).
- [4]. Varsha Chavan, Priya Jadhav, Snehal Korade, Priyanka Teli, "Implementing
- [5]. Customizable Online Food Ordering System Using Web Based Application", International
- [6]. Journal of Innovative Science, Engineering Technology(IJSET) 2015