

NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY

(AN AUTONOMOUS INSTITUTION, AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY,

BELGAUM, APPROVED BY AICTE & GOVT.OF KARNATAKA



Report on

“Food Ordering App”

Submitted in partial fulfilment of the requirement for the award of Degree of

Bachelor of Engineering

in

Computer Science and Engineering

Submitted by:

Riya Yadav	1NT19CS159	B2
Pola Udaya Sowjanya Reddy	1NT19CS136	B2
Thota Thanmai	1NT19CS203	B3



Department of Computer Science and Engineering

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Nitte Meenakshi Institute of Technology
(AN AUTONOMOUS INSTITUTION AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM)
PB No. 6429, Yelahanka, Bangalore 560-064, Karnataka
Telephone: 080- 22167800, 22167860
Fax: 080 - 22167805



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that the Project Presentation in Mobile Application Development lab(18CSL67) as lab mini project titled “**Food Ordering App**” is an authentic work carried out by **Riya Yadav(1NT19CS159), Pola Udaya Sowjanya Reddy (1NT19CS136), Thota Thanmai(1NT19CS203)** bonafide students of **Nitte Meenakshi Institute of Technology**, Bangalore in partial fulfilment for the award of the degree of **Bachelor of Engineering** in COMPUTER SCIENCE AND ENGINEERING of Visvesvaraya Technological University, Belagavi during the academic year **2022**.

Signature of the Guide

Mrs. Trisheela S
Asst Professor, Dept. CSE,
NMIT Bangalore

Signature of the HOD

Dr. Sarojadevi H.
Professor, Head, Dept. CSE,
NMIT Bangalore

DECLARATION

We hereby declare that

- (i) This Presentation/report does not contain text, graphics or tables copied and pasted from the Internet, unless specifically acknowledged, and the source being detailed in the report and in the References sections.
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NAME	USN	Signature
Riya Yadav	1NT19CS159	
Thota Thanmai	1NT19CS203	
Pola Udaya Sowjanya Reddy	1NT19CS136	

Date: 26-06-2022

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NAME	USN
Pola Udaya Sowjanya Reddy	1NT9CS136
Riya Yadav	1NT19CS159
Thota Thanmai	1NT19CS203

Date: 26-06-2022

ABSTRACT

This project aims to offer an android based food ordering service application to ease customer to meet their order. Smartphones are replacing humans as restaurants can replace its waiters with a smartphone application. This application allows customers to seat themselves and order their meals without speaking a word. This system can be adopted in a bid to follow a technology. When a customer places order the app provides them with a number and a team of kitchen staff then turns the digital orders into meals and each number is called out over the speakers, when it's ready to be collected by the customer. The aim is not to reduce staff or turn servers into robots who just transport food from the kitchen to the table but to relieve them of certain duties so they can be more attentive to customers. The larger problem this app hopes will address is speed. In traditional full-service restaurants, all that service takes time, which is bad during peak hours when turning over tables means sales. Thus by allowing customers to take care of ordering and payment themselves, the average one-hour meal is cut down to about 35 minutes.

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INTRODUCTION

Restaurants have always been considered to need a personal touch, where the staff must attend each visitor personally. But times are changing, and automated systems are gradually taking over the ordering system in the F&B industry and helping deliver a more personalized experience. How often do we see a guest snapping his/her fingers or whistling while calling a waiter, while yelling “hello”, “boss” or even “oye”? If one of the waiters makes a mistake, many people don’t hesitate to reprimand them publicly, often loudly, while using demeaning language. Online food ordering systems can minimize the chances of mistakes or delays when it comes to placing an order while increasing efficiency and reducing costs by reducing the number of staff needed on the floor. Furthermore, they may even gain the resources and time to train the remaining staff more thoroughly so they can handle such situations more appropriately.

ADVANTAGES OF USING FOOD ORDERING APP

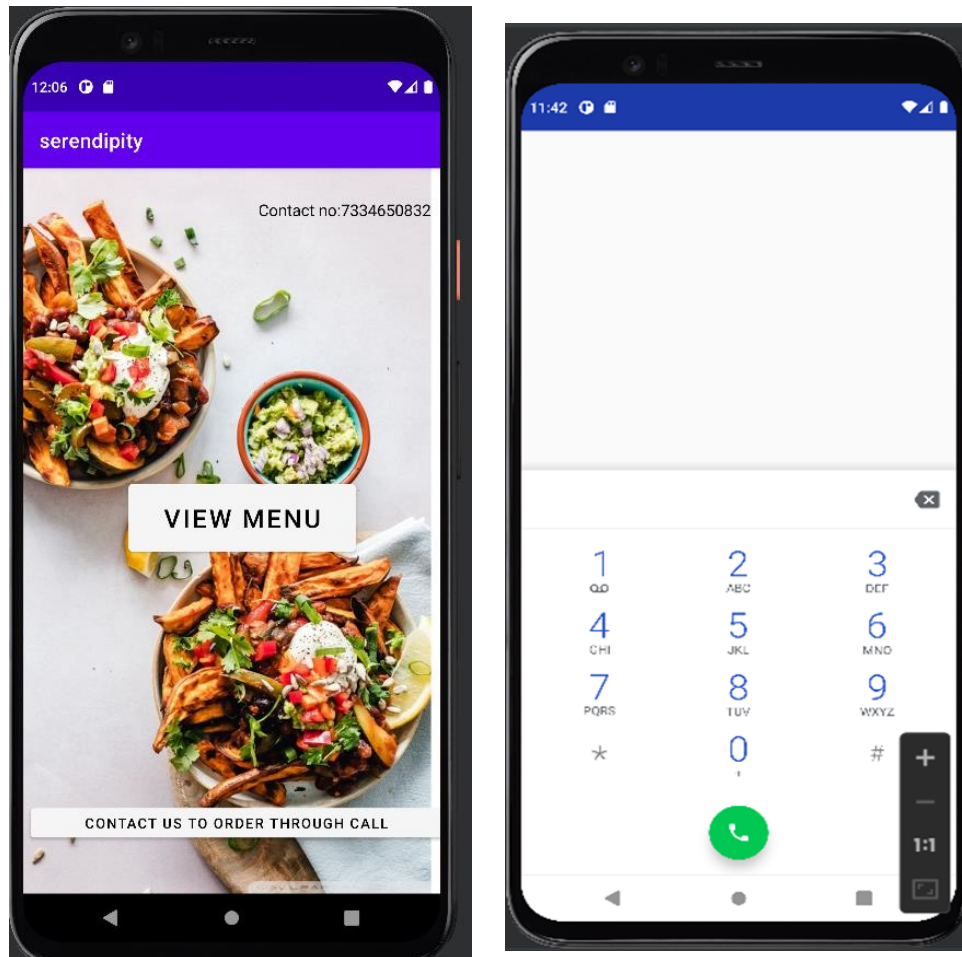
- 1) It is consumer friendly. The food experience has come a long way, it has become a much more hassle-free experience for the customers.
- 2) Online food ordering has enabled many restaurants to manage their peak business hours very effectively.
- 3) It is easier to attract new customers.
- 4) Online food ordering systems can minimize the chances of mistakes or delays when it comes to placing an order.
- 5) It increases efficiency and reduces costs by reducing the number of staff needed on the floor.
- 6) The larger problem this app hopes will address is speed.
- 7) Another perk of having an online presence is that is extremely easy to make changes to the menu. Instead of printing and reprinting paper menus to add or remove dishes, we can just make the required changes with a couple of clicks. Doing it online is easy and saves time and money. Depending on customer preferences, this can be as frequent as you like.

DESIGN OF SOLUTION

This app can be used to order the food online from a restaurant menu instead of calling a waiter and waiting for him/her to take our order. The app front page contains the view menu button. On clicking view button we get the categories of menu which contains veg, non-veg, salads, drinks and desserts. From the respective category of menu, food can be selected to place the order. The place order button is provided from where order can be placed. After selecting the item and pressing the place order button we move to the next activity page. In the next activity page the food name, table number and quantity is entered. After adding the food items, add to cart button must be clicked to place the order. The order can be viewed using view button. To place the order “Place Order” button must be clicked which takes us to the last activity page.

IMPLEMENTATION

STEP1:



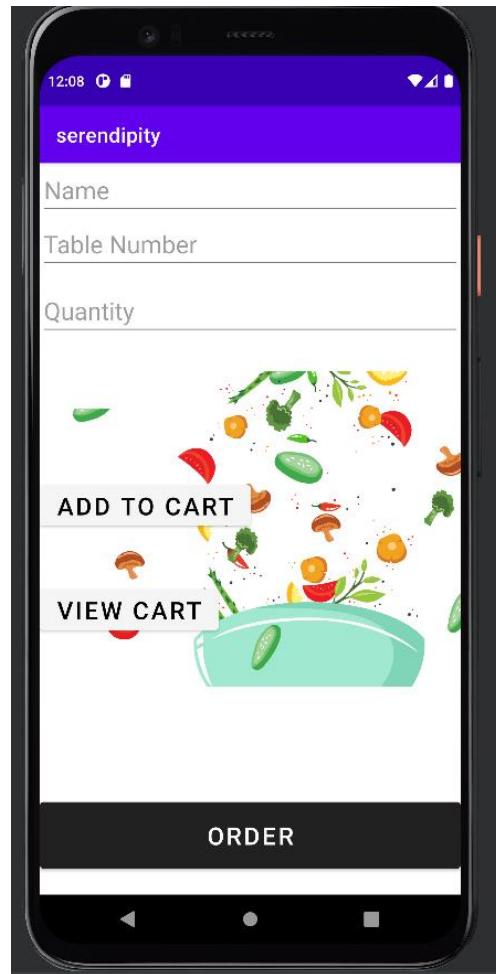
After opening the app two buttons will be displayed “VIEW MENU” and “CONTACT US TO ORDER THROUGH CALL”.When VIEW MENU is clicked different categories of menu is displayed and when contact button is clicked dialer will be opened.

STEP2:



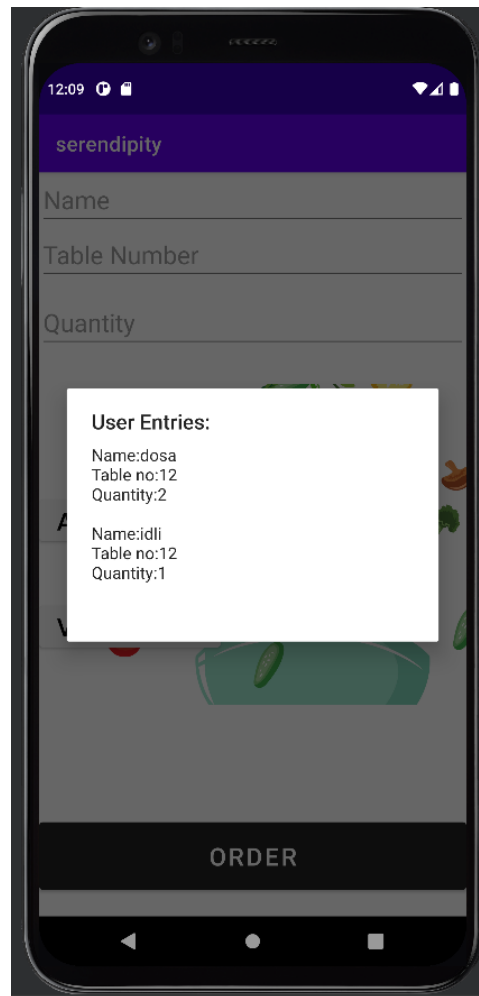
If veg, non-veg, salads, dessert or drinks button is clicked then it's corresponding menu items will be displayed and when PLACE ORDER is clicked then it will be directed to next page.

STEP3:



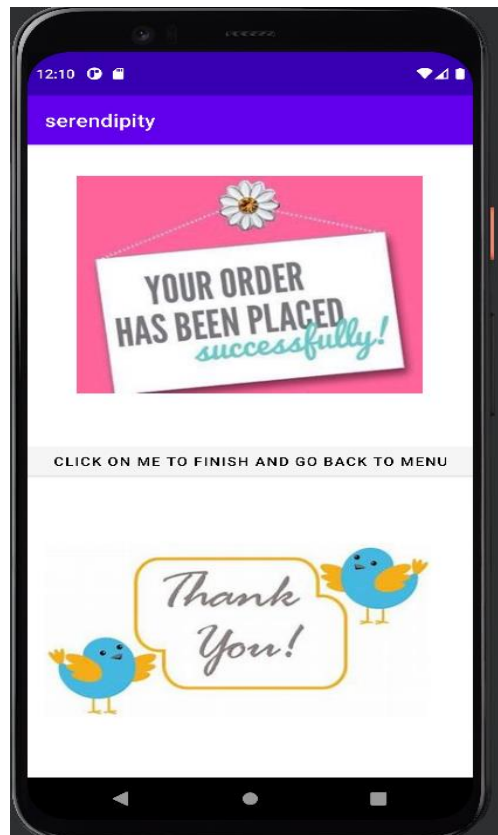
Details like Item name, Table Number and it's quantity needs to be entered and then add them to the cart using ADD TO CART button and view the items in the cart using VIEW CART button. ORDER button is used to confirm the order.

STEP 4:



We can view the items that we ordered using VIEW CART button.

STEP 5:



After clicking the order button the last activity page will be displayed showing that the order has been placed

CONCLUSION

The internet and technological advancements are having a great impact on restaurant operations. With most people spending a big part of their day on the internet, it provides a huge market potential for restaurants. In fact, the demand for online restaurant ordering continues to grow among restaurant consumers. More than 50% of the food market is in the unorganized sector. However this market is growing in leaps and bounds due to growing urbanization, increasing disposable income, working women and rapid increase in the use of smart phones. While new restaurants are coming up and technology being the need of the hour and investors realize that food is intrinsically has repeat business value and the business models are highly scalable and capital efficient.

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