

# Online Food Ordering Using Web App on BMI

Yasaswini M<sup>1</sup>, Supraja R<sup>2</sup>, Kalaivani S<sup>3</sup>, Kaviya DharshiniB<sup>4</sup>

*Department of Information Technology Vel tech Hightech Dr.Rangarajan Dr.Sakunthala Engineering College, Avadi-Vel Tech Road, Chennai, India – 600062*

**Abstract**— Food ordering system using BMI (body mass index) and medical survey by taking advantage of the centralized database with a web interface. The main concept of this project is to build a website, which will be able to help people to be in healthy diet, Time saving , to be fit , reduce stress and it provide security for the data. The aim of developing this project is to replace the traditional way of taking orders with computerized system. Another important reason for developing this project is searching from categories is very simple, fast and data is secured. The user interface of the project is very simples to prepare order summary reports quickly and in correct format at any point of time. This project mainly aims in patients who have disease we give them a schedule and recommend food according to the survey answer . We get information of BMI and give a healthy diet schedule which helps people to maintain the body shape and stay fit , In today’s generation obesity is one the main problem so it is important to stay healthy we recommend food with calories and how much they can eat. we give warning when they order with extra calories and fat . the last is payment method , it is fully secured This is a simple, safe and secure method that takes minimum of time. It is one of the greatest advantages , we also give instructions to the users in case they don’t no how to use .

**Keywords**—BMI, Food list etc

## INTRODUCTION

*An online food ordering system using BMI and medical check is a software platform that allows people to order food in online But this website substantially concentrate on cases who have health issues like rotundity, diabetes, thyroid, stress, blood pressure atherosclerosis etc. we recommend food according to the BMI and check answer. this website is stoner friendly, and it'll have big impact.*

### 1.1 GENERAL INTRODUCTION:

Preface of the online food ordering system using BMI and medical check the" Online Food Ordering System using BMI and medical check" has been developed to

stamp the problems prevailing in the rehearsing homemade system. This software is supported to exclude and, in some cases, reduce the rigors faced by this being system. also, this system is designed for the particular need of the company to carry out operations in a smooth and effective manner. The operation is reduced as important as possible to avoid crimes while entering the data. No formal knowledge is demanded for the stoner to use this system. therefore, by this all it proves it's stoner friendly.

Online Food Ordering System using BMI and medical check, as described over, can lead to error free, secure, dependable, healthy diet, to be fit, stress lower and fast operation system. It can help the stoner to concentrate on their other conditioning rather to concentrate on the record keeping. therefore, it'll help association in better application of coffers Every website, has challenges to overcome and managing the information of Category, Food Item, Order, Payment, Confirm Order. Online Food Ordering System has different Food Item needs; thus, we design this website according to stoner requirements. this system that are acclimated to your directorial conditions.

This is designed to help in strategic planning and equipped with the right position of information and details for your future pretensions. As this website substantially concentrate on cases food grounded on the check answer and BMI it'll reduce 3 stress to numerous people. These systems will eventually allow you to more manage offers.

### 1.2 PROBLEM BACKGROUND:

The online food ordering system using BMI and medical check is one of the rearmost servicers most fast-food caffs in the western world are espousing and taking into form. With this system, according to the medical check the food is recommended to the druggies also food is ordered online and delivered to the client. This is made possible through the use of electronic payment system like guests pay with their

credit cards, UPI, G pay, Phone Pay, Paytm etc although credit card guests can be served indeed before they make payment through cash. So, the system designed in this design will enable guests go online and place order for their food it decreases time they spend for making food.

Due to the great increase in the mindfulness of internet and the technologies associated with it, several openings are coming up on the web. So numerous businesses and companies now venture into their business with ease because of the internet. In moment's age of fast food and take out, numerous caffs have chosen to concentrate on quick medication and speedy delivery of orders rather than offering a rich dining experience. Until lately, utmost of this delivery orders was placed over the phone, but there are numerous disadvantages to this system. It's possible for anybody to order any goods via the internet and have the goods delivered at his/ her doorsteps. But while trying to bandy the transfer system of the goods and services, attention is concentrated on the payment mode. This also leads to the discussion of the profitable consequences of digital cash. What are the executions from the viewpoint of profitable? Since the world is fast getting a global vill, the necessary tool for this process is communication of which telecommunication is a crucial player.

A major advance is the wireless 2 telephone system which comes in either fixed wireless telephone lines or the Global System of Mobile communication( GSM). in this we recommend food according to medical check and BMI which helps for healthy diet and stay fit. In moment's Generation rotundity and diabetes is one of the major problem which is caused by imbalance of food. What I propose is an online ordering system firstly designed for use in council cafeterias, but just as applicable in any food delivery assiduity because 4 numerous people goes to work and the food is prepared without correct diet and nutrient. The main advantage of this system is that it greatly simplifies the ordering process for both the client and the eatery.

The system also greatly lightens the cargo on the caffs end, as the entire process of taking orders is automated. Once an order is placed on the webpage that will be designed, it's placed into the database and also recaptured, in enough important real- time, by a desktop operation on the caffs end. Within this operation, all particulars in the order are displayed,

along with their matching options and delivery details, in a terse and easy to read manner. This allows the eatery workers to snappily go through the orders as they're placed and produce the necessary particulars with minimum detention and confusion. The topmost advantage of this system is its inflexibility.

### 1.3 PROBLEM STATEMENT:

As diligence are presto expanding, people are seeking for further ways to buy products with important ease and still maintain cost effectiveness. The merchandisers need to buy the products in order to vend to end druggies. The homemade system of going to their original food deals outlets to buy food is getting obsolete and further tasking. Food can be ordered through the internet and payment made without going to the eatery or the food seller. So there's need for a wide range of hype and enabling direct order, processing and delivering of food through online system. For this system. the druggies being followed a healthy diet though we give other options to elect from menu we also give warning when they order with redundant fat and calories for that we recommend the remedies for that order.

### 1.4 RESEARCH OBJECTIVE:

This study lays out a frame for a new system to be developed and brought to the request for maximum use and to produce an avenue through the web where druggies can log on to our garçon and make a selection of whatever goods or food they like and latterly pay via the internet. The following are the objects this would bring:

1. The home runner of this web interfile provides an avenue where guests will be suitable to gather further and dependable information about what the fast food assiduity really does.
2. also we will ask BMI and do medical check( questions will be given)
3. According to druggies body condition we recommend food for their healthy diet
4. We mention the calories and proteins in the food they order if they order more unhealthy foods the system gives warning and remedies they must input after eating this food
5. The products and services offered would give the guests with all the different orders of available products that they can choose and elect from.

6. This will give a stoner friendly terrain between the client and hand therefore adding the effectiveness of the food ordering system.

7. There will also be an online purchase form with which valued guests will be using to get in touch with any of their request whenever the need arises. 8. And the last is payment process it's completely secured and stress free.

#### 1.5 SCOPE OF STUDY:

In this design, we've appertained 8 literature check is taken as a case study to enable guests order for food and get it delivered consequently and also to reduce the long ranges of guests at the counter ordering for food and to reduce the work load on the workers. but substantially it's developed to lead a healthy life because of moment's life the input of food isn't healthy so to lead a complaint free life food is important We substantially concentrate on druggies health and suggest a healthy food. The following effects are among other effects that are banded and what the software would handle

1. About the fast food company
2. The fast food and the services offered
3. Online purchase
4. Type of food handed.

#### 2.LITERATURE SURVEY

Paper [1] TITLE: Netfood: A Software System for Food Ordering and Delivery AUTHOR: Cristina-Edina Domokos , Barna Sera , Karoly Simon , Lajos Kovacs ,Tas- Bela Szakacs. PUBLISHER: IEEE YEAR: 2018 CONTEXT: Net food is an order operation software for food delivery companies. It's a delivery- acquainted system that allows guests to order from multiple caffs at the same time and provides the possibility to order collectively or in a group. Orders can be placed by druggies through the web interface. The data related to caffs, foods and orders is managed by directors. A mobile operation is used by the delivery labor force. Both customer operations are served with data by a central garçon. The composition presents the armature and the perpetration of the software system. The technologies, tools and styles used during the development process are also described. The Net food design aims to develop a delivery- acquainted order operation system that

allows druggies to order from multiple caffs contemporaneously and helps the work of the delivery labor force in tracking the orders. The system also has an administration interface where members of the delivery company can track and manage the entered orders they can produce new caffs , menus, and modify being ones . The work of the delivery labor force is helped by a mobile operation.

Paper [2] TITLE: Popularity Analysis of Mobile Food Ordering Apps AUTHOR: Zahita Cahyani, Rahmat Nurcahyo, Farizal PUBLISHER: IEEE YEAR: 2020 CONTEXT: Food delivery services can now be fluently penetrated via mobile phone along with the technology development on mobile phone moment. Food delivery services that give services via mobile phones are called Mobile Food Ordering Apps( MFOAs). As there are numerous MFOAs druggies, it's important for MFOAs service providers to come the first choice service for MFOAs druggies. One way to find out if an MFOAs service is the stoner's first choice or not is to look at its fashion ability. This study aims to dissect the fashion ability of two big MFOAs company in Indonesia i.e. Go Food and Grab Food using star standing given by client. Star standing uprooted using MySQL and web scrapping system. Descriptive statistics performed for original data analysis. Data also reused with normalcy and unity test to see whether the data collected are typically distributed and are homogeneous or not. The result showed that data aren't typically distributed and aren't homogeneous. thus, Mann Whitney analysis is used. Overall result shows that Go Food have a advanced eatery standing compared to Grab Food all in foodorder, libation- order, and overall order which results in Go Food is more .In this paper, we concentrate on the problem of fashion ability analysis over two big MFOAs in Indonesia which are Go Food and Grab Food. Specifically, we first prize star standing data form both MFOAs website, with the limitations of only using eatery located in Jakarta. With this information, we further examine and dissect the fashion ability between Go Food and Grab Food using statistical process with SPSS. Means that Go Food have advanced fashion ability compared to Grab Food. This result is in line with a former check which stated that there are further people using Go Food services than Grab Food. This can be caused by several effects, videlicet, the number of caffs 9 registered with

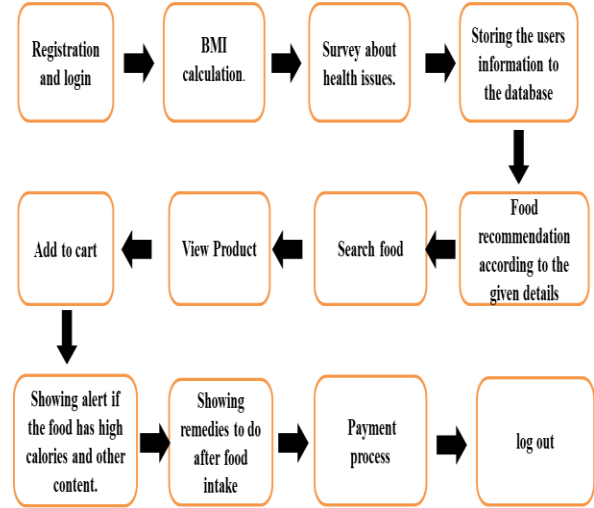
each MFOAs, the prices offered, and so on. It can be considered for unborn exploration to exploration about the factors that determine the fashion ability of each MFOAs. The compass of eatery can also be expanded, not only in Jakarta.

Paper [3] TITLE: Online Food Ordering System  
 AUTHOR: Trupthi B, Rakshitha Raj R, J B Akshaya, Srilaxmi C P PUBLISHER: IEEE YEAR: 2019  
 CONTEXT: An Online Food Ordering System is proposed then which simplifies the food ordering process. The proposed system shows an stoner interface and modernize the menu with all available options so that it eases the client work. client can choose further than one item to make an order and can view order details before logging off. The order evidence is transferred to the client. The order is placed in the line and streamlined in the database and returned in real time. This system assists the staff to go through the orders in real time and process it efficiently with minimum crimes An online food ordering system is developed where the guests can make an order for the food and avoid the hassles of staying for the order to be taken by the server. Using the operation, the end druggies register online, read the E-menu card and elect the food from thee-menu card to order food online. Once the client selects the needed food item the cook will be suitable to see the results on the screen and start recycling the food. This operation nullifies the need of a server or reduces the workload of the server. The advantage is that in a crowded eatery there will be chances that the waitpersons are overfilled with orders and they're unfit to meet the conditions of the client in a satisfactory manner. This design can latterly be expanded on a larger scale. It's developed for caffs to simplify their routine directorial and functional task and to ameliorate the dining experience of the guests  
 References  
 Number footnotes separately in superscripts. Place the actual footnote at the bottom of the column in which it was cited. Do not put footnotes in the abstract or reference list. Use letters for table footnotes.  
 Unless there are six authors or more give all authors' names; do not use "et al.". Papers that have not been published, even if they have been submitted for publication, should be cited as "unpublished" [4]. Papers that have been accepted for publication should be cited as "in press" [5]. Capitalize only the first word

in a paper title, except for proper nouns and element symbols.

3.SYSTEM DESIGN

A.BLOCKDIAGRAM



B.ARCHITECTURE DIAGRAM

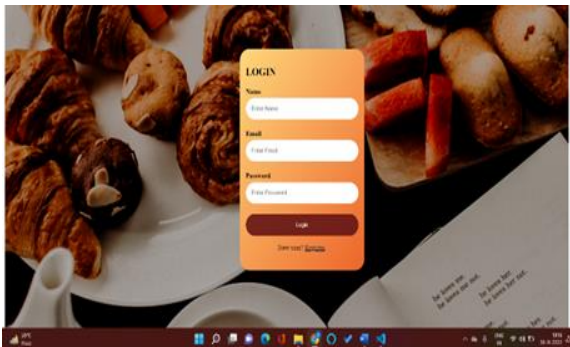


#### 4.RESULT

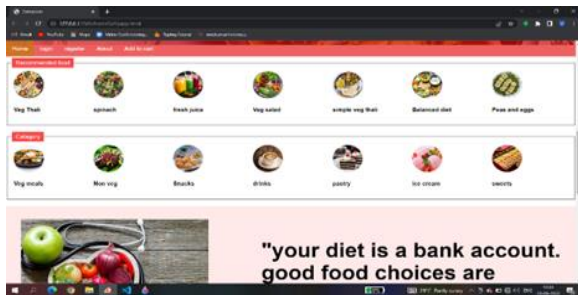


This is the home page, here we have register page, login page and cart view. when the user enter first they see the home page.

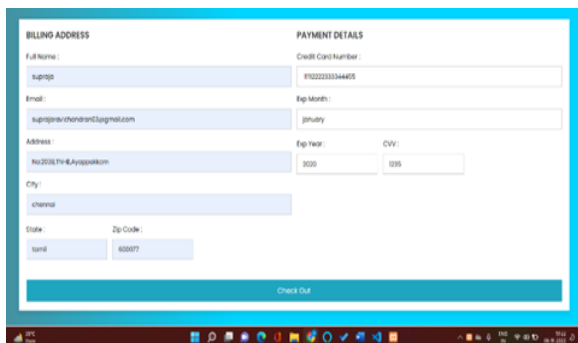
#### LOGIN PAGE



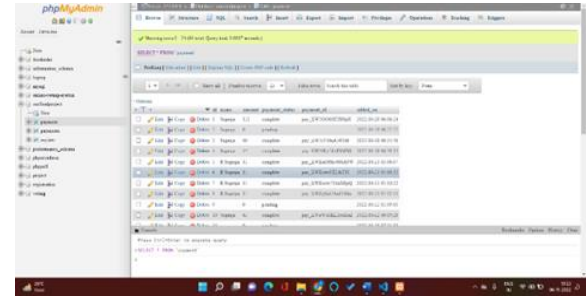
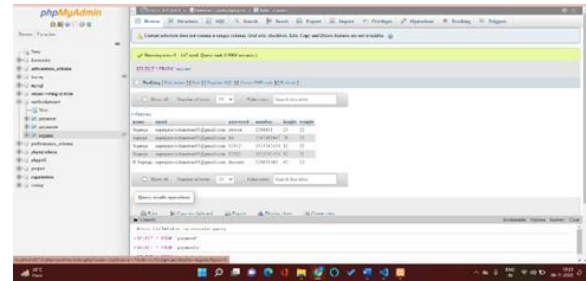
#### FOOD LIST



#### PAYMENT PAGE



#### PAYMENT DATABASE



#### BMI COMPUTATION



#### 5.CONCLUSION

Food Ordering Web operation is proposed then which simplifies the food ordering process. It isn't like the being operation. In this website we added fresh features like BMI and customer's health record. This will be veritably useful for the druggies who have the health issues and druggies who are in diet or weight loss. However, they can order the food they want and we will suggest the remedies to avoid the problem after taking the food, If the stoner don't want to order the recommended food. The" Food Ordering Web operation Using BMI" has been developed to stamp the problems prevailing in the rehearsing homemade system. also, this system is designed for the particular need of the company to carry out operations in a smooth and effective manner. In this web operation, we included the redundant features like BMI

calculator and also the check to recommend the apt food for cases.

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