RESTAURANT MANAGEMENT SYSTEM

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This Report Presented in Partial Fulfillment of the Requirements for B.Sc in CSE (Computer Science & Engineering)

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APPROVAL

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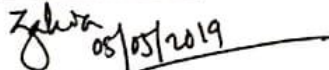Daffodil International University

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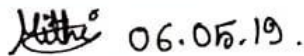United International University

External Examiner

DECLARATION

We hereby declare that this research has been done by us under the supervision of **Zakia Zaman** Lecturer and co-supervision of **Ms. Umama Dewan** Lecturer, Department of CSE, Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for the award of any degree.

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At first, we'd like to thank our respected **Supervisor**, **Zakia Zaman, Lecturer and Co-Supervisor, Ms. Umama Dewan, Lecturer**, Department of Computer Science & Engineering, Daffodil International University. This whole time they have supported us, inspired us and showed us the right way. They made it easier for us to work continuously with all their patience and inspirations. Every time we had a difficulty, we contacted them and they helped us with a suggestion and that helped us a lot throughout the whole time.

They were so friendly with us this whole time and that was the main inspiration for us. We are so lucky to work under their supervision and of course, it has been an honor to work under their supervision. We also want to our express our deepest gratitude to honorable Professor and Head of CSE department, Dr. Syed Akhter Hossain.

At last, again we want to thank all the good wishers, friends, family, seniors for all the help and inspirations. This research is a result of hard work and all those inspirations and assistance.

ABSTRACT

The Restaurant Management System encourages The Restaurant Manager to deal with The Restaurant all the more adequately and proficiently by mechanizing dinner requesting, charging and stock control. Restaurant management system is software designed for the food service industry. The project titled "Restaurant Management System" is designed with CSS5 as front end and html for backend. It is a process of ordering food from a restaurant through our web page or app. Much like ordering consumer goods online. As more than 80 percent people of Bangladesh use their smartphones or tablets to find restaurant locations, hours and directions, our goal is to reach their needs. We focus on saving time by online table booking, food order and payment. In this project, there have digital food menu will give a person a new taste of technology. Without touching the traditional food menu one can order food with exceptional choices and other QR code given in the website, one can directly visit our food menus without wasting his or her time.

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CHAPTER 1

Introduction

1.1 Introduction

"Restaurant Management System" might be a net application. This technique is created to adjust everyday action of an eating house. Eating house might be a sensibly business that serves people wherever world with instant nourishment. This technique is created to deliver administration office to eating house and moreover to the customer. This eating house the executives framework might be used by specialists in an exceedingly eatery to deal with the buyers, their requests and may encourage them essentially see free tables or spot orders. The administrations that are given is sustenance requesting and reservation table administration by the customer through the framework on-line, customer information the executives and server data the board, menu information the executives and report. The eating house menu is composed by classes (canapés, soups, servings of mixed greens, courses, sides and beverages) of menu things. Principle target construct the framework this is frequently to deliver requesting and reservation administration by on-line to the customer. Each menu thing contains a name, worth and related guidance. A guidance for a menu thing contains a cook, arrangement guidance sand related fixings. With this technique on-line, requesting and reservation the board can wind up simpler and efficient to switch old framework wherever are still abuse paper. To resister a dinner on-line, the customer must turn into a part starting then he will get to the later a piece of the situating. This undertaking to encourage customer for expand on-line requesting and reservation. the decision of changing into part was exclusively a preliminary to stay away from (to some degree) embedding's the artificial appointments.

1.2 Motivation

As our final project, restaurant management system is software designed for the food service industry. Like a standard service system, restaurant management system will help a person capture transactions and manage inventory with accuracy and generally run every day processes more efficiently. We focus on saving time by online table booking food order and payment. In Future We Want to Develop this Project as our Own Business.

1.3 Objective

- To orders foods in restaurant.
- To online order for home delivery.
- To customize food ingredients orders.
- To automatic bill generation.
- To maintain store.
- To reservation table for event or party.
- To calculate monthly cost and revenue.
- To pay bills online.

1.4 Expected Outcome

Managing a restaurant is undoubtedly one of the most daunting tasks that an entrepreneur can undertake. In the wake of finishing the undertaking we got Track deals down to everything, General budget reports quick and precisely, Better client administration, Access Data wherever, Efficient staff the board, Better correspondence between the kitchen, pausing, and clerk, cost and time reserve funds through QR scanner and advanced Menu framework.

1.5 Layout of the Report

Chapter one have demonstrated an introduction to the project with its motivation and expected outcome.

- Chapter two will have "Background" and challenges.

- Chapter three will have Requirement Specification.

- Chapter four will have Design Specification.

- Chapter Five will have Testing and Implementation.

- Chapter Six will have Summary and Conclusion.

CHAPTER 2

BACKGROUD STUDY

2.1 Introduction

In this section, we will discuss challenges about this research. In related works section, we will discuss other research paper and their work and accuracy which are related to our work. We want to improve our website design from the other site and more user friendly.

2.2 Related Works

We are following this websites

https://www.gloriafood.com/

https://www.foodpanda.com.bd?/

https://foodmart.com.bd/

This is online food ordering website. They receive order via their online website. In order to process an online order transaction three things are needed:

1. Cart.
2. Delivery.
3. Payment Processing.

2.3 Comparative Studies

We follow some famous online food order service and we also follow some restaurant management system website. All the website have some common parts like as cart, delivery system, payment processing etc. Also our website have in same parts and we can try make something new. We focus on saving time by online table booking, food order and payment. Our special features is there have Digital food menu will give a person a new taste of technology. Without touching the traditional food menu one can order food with exceptional choices by scanning QR code and Scanning QR code given in the website, one can directly visit our food menus without wasting his or her time.

2.4 Scopes of problem

Our site has a cutting edge or foul arrangement, and Regardless of whether we've enrolled a gathering of master organizers to make our association logo or fundamental transposed what we doodled on a paper napkin Customers won't thus trust in our site. If there is no trust, it is unlikely that arrangements will seek after. This is especially trust in case we are endeavoring to sell costly things that pass on a size a sizeable purchases cost or shopping cost.

2.5 Challenges

We want get a big challenges by saves our time. In this project we have put a option to order his/her interested food before arrive our restaurant. The other things is our website have a Section "I am Special". In this section a user give order by his/her own interest and there have a patient zone. Also there have digital food menu it's generated by QR Code Scanner. You can easily enter our website and order food by scanning the other QR code.

CHAPTER 3

REQUIREMENT SPECIFICATION

3.1 User of System

3.1.1 Customer

This customer can enroll to be a section to use the net course of action of this online structure the official's system. This on-line mentioning apportioned into 2 arrangement of client; its customer feast in mentioning and takeaway mentioning. For eat mentioning, client can examine menu, make on-line mentioning and hold a spot table. This technique stipends client to put Associate in nursing demand or enable him to drop the book demand. At any rate takeaway mentioning, client will examine menu and on-line mentioning while not reservation table. All through login, the costumier must enter the period of transport, and moreover the menu things can have all the earmarks of being in this manner. As receptiveness of things put aside issue from exertion to time. At the point when client make on-line mentioning, client will take mentioning the date that customer was select all through make on-line mentioning. Customers will look menu per worth vacillate and moreover the class in like way Even the client ought to guarantee on-line mentioning with structure 3 days before customer take the mentioning for eat in customer and for reduced customer will be confirm one hour before it whether by email or phone. Client will make his new record or he can change his own data from the basic record.

3.1.2 Administrator

Director or administrator is that the one that can deal with the total framework. He's permitted to dole out the cook steady with his need, he will alter menu data like its esteem, things out there by and by, and so forth this kind of client additionally will do upkeep and the executives the machine of this system. A supervisor will allot the cook for a specific request or a thing. Director assumes a liability to enroll new customer, register new server, register new menu into information. A director will alter/make a few or entire a piece of the menu record on for a long time. That is by powerful the menu things, costs, portrayal, and so forth.

3.2 Module of RMS

3.2.1 Customer Registration Module

Client enrollment module contains customer's data like client individual data and distinctive data related with that client. At that point, the majority of this data recorded into data. Clients are given with an office to modify his current parole.

3.2.2 Customer Online Ordering and Reservation Module

Client on-line requesting and reservation module gives a thoughtful that must satisfy in term of requesting sustenance and reservation table by means of on the web.

3.2.3 Waiter Module

Server module contains server information like server singular information, task timetable and elective data related with that server. By then, most of this information recorded into information.

3.2.4 Feedback Module

In light of nourishment or everything in regards to the eating place, customer will send any recommendation or remark to the eating place with criticism type. From thusly, aspect of eating spot can get a handle on their shortcomings and qualities.

3.2.5 Menu Module

Menu module is nourishment that eating place prepared for customer. This module, customer will peruse the menu and fabricate call for request.

3.2.6 Generate Report Module

System provides an option for generate a reports. The contents of the reports as the following:

1. The report of customer ordering and reservation table.

2. Customer's information and waiter information.

3. Suggestion or comment that customer insert at feedback form

4. Profile business for restaurant

This framework visiting will encourage customer and executive in structure especially a piece of on-line requesting and reservation table. The greater part of structure contains downside of the requesting and reservation table. A chief will deliver a substitution passage of cook or alter the predominant cook's information from the cook's rundown. The aftereffects of on-line requesting and reservation table can give customer easy to make requesting and reservation table on the web and ideally will drum sander up the undertaking of chairman and server. A supervisor will hinder a particular customer before language up. This happens once the client's past history is undesirable, this strategy furthermore delivers a handled framework in procedure the best goals in each requesting and reservation downside faces by customer and head.

CHAPTER 4

DESIGN SPECIFICATION

4.1 Font-end design:

The front-end is everything included with what the client sees, including plan and a few dialects like HTML and CSS. A User Interface (UI) Designer is commonly a visual planner and is commonly centered on structure.
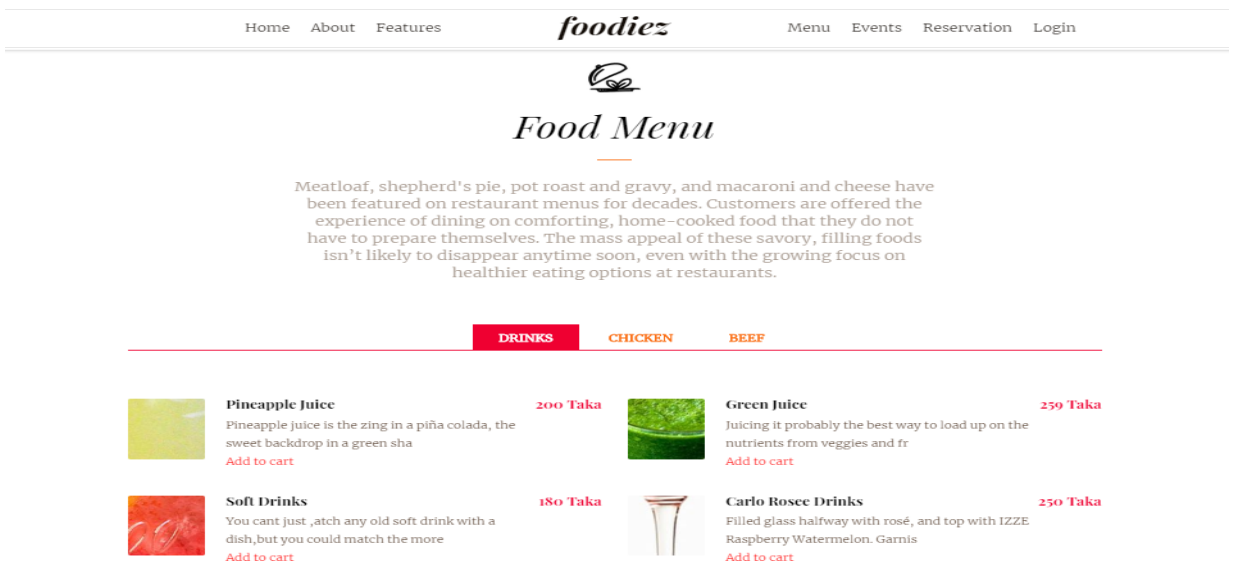

Fig 4.1.1: Home Page

Fig 4.1.2: Food Menu

Fig 4.1.3: Reservation

Fig 4.1.4: Login & Registration

4.2 Back-end Design

The back-end, or the "server-side", is to a great extent anyway the situating works, refreshes and alters. This alludes to everything the clients can't see inside the program, similar to databases and servers. Regularly people that administration toward the back are known as software engineers or designers.

Back-end engineers are typically disturbed with respect to things like security, structure and substance lead. they ordinarily handle and may utilize right dialects like hypertext increase language and CSS.

4.3 Functional Specification

4.3.1 Customer Specification

a. Search Menu according to the time of order delivery:

Admin login, the costumer needs to enter the season of conveyance, and the menu things will show up as needs be. As accessibility of things contrast every once in a while.

b. Allow to search menu according to price and category:

Clients will seek menu in venture with esteem differ and furthermore the class additionally, this common sense are working as a mission underneath hunt, for example first hunt criteria are season of request conveyance (which is default for all cases) and furthermore the later will be seek among those menus in venture with esteem and class.

c. Allow to book/cancel order:

Allowing customer to place an order or allowing him to cancel the placed booking.

d. Allow the customer to edit/create his personal account:

Here client will produce his new account or he can edit his personal data from the prevailing account.

e. Allow customer an option to change his password:

Customers are given with a facility to change his existing password.

4.3.2 Management Specifications:

a. Edit Menu records:

An administrator can alter/make a few or entire piece of the menu record on regular schedule. That is by changing the menu things, costs, depiction, and so on.

b. Reassign Cook:

A director will appoint the cook for a specific request or a thing, initially the framework relegates the cook precisely once partner thing is locked in abuse some dissemination design for example round robin style. So a part will assign the cook if such situation arrives.

c. Cancellation the order:

A manager can cancel of the order, this situation comes when the something goes wrong with working or in some unusual situations.

d. Create/Edit Cook's list:

A manager can create a new entry of cook or edit the existing cook's information from the cook's list.

e. Blocking specific customer:

A director will obstruct a particular customer before communication via gestures up. This happens once the client's past history is risky, for example on the off chance that he doesn't return up to require his requests that were requested aforesaid.

e. Allotting some privileges to cook:

As previously communicated an administrator will deliver a cook, together with formation of a substitution cook he's given a few benefits. The benefits epitomize redaction the remaining of the request, for example he will enter the remaining as readied in the event that he has finished that thing or can express the request is in strategy before making prepared that thing.

4.4 Database Design

4.4.1 Customer_info:-

This table keeps the record of the client's data before client signs on, he tops off a structure that guides him how he can turn into a part. Email ID is essential key in this table so we can perceive every part's email ID particularly as it is utilized as their client id too. Other data incorporates client Name, secret phrase, contact no, Address and status, the later informs him concerning whether the part is boycotted or bolted. The element shares a 1: N connection with request utilities.

4.4.2 Menu :

The name demands, it contains the data all things considered and its related issue, Each menu is particularly distinguished by its ItemID (Primary key). The reason here is to give clients all the data viewing menu, for example, Name (thing), Description, Category, cost and status (to check client, regardless of whether that thing is at present accessible or Not!!). Afterward, at the administration's perspective, we give userID (particularly chosen by the board staff) to adjust the substance of table. This substance shares N:1 association with the arranged thing element.

4.4.3 Ordered Item:

This table gives information to the administration specialists identifying with the unambiguously produced request ID, which can contain one or a great deal of menu thing unambiguously known by ItemID.Apart from this, the administration will check/change the remaining of the request together with, they will adjust the cook/s that was previously delegated to fulfill the request (as each cook is unambiguously known by cookID), this might be finished by the administration laborers by work in with UserID. A cook will put remaining over this element identifying with the status of the required thing is set up for conveyance or not !!, this should be possible by abuse unambiguously given cookID. From client's viewpoint, customer willcheck the remaining of his request altogether for example.

4.4.4 Order:

This table tells concerning the Order ID (which could be an essential key), UN organization has submitted the request and gives insights about the time once request was put and furthermore when the request are conveyed; together with the remaining of the request. This table offers N: one association with the customer information element.

4.4.5 Cook:

Each cook is unambiguously referred to by his ID alluded to as 'cookID' and hence the distinctive field "Name" is another progression which will encourage the executives to recognize the specific cook. This substance shares N:N/N:1 association with the arranged thing and 1:N association with cook verbal depiction element.

4.4.6 Cook Specific:

This table advises the administration staff with respect to the particular cook in his related things. Each cook is distinguished remarkably by ID same as previously!!!

4.4.7 Management:

This Table speaks to the entire administration part of our undertaking, User ID is that the essential key amid this table. Diverse fields grasp mystery and Name. The standing tells worried that customer ought to be boycotted or blocked.

The "assignment" field tells the measure of client, state the organization perspective or a cook. The benefits are set in venture with the assignment for e.g.: A cook can't drop the request at that point. The administration laborers will get to the Menu and along these lines   the arranged things and table.

CHAPTER 5

TESTING & IMPLEMENTATION

Testing is Associate in Nursing integral a part of the system development method. The most normal for software system testing is contained within the ANSI / IEEE, normal for software system testing documentation.

5.1 Implementation of Database

A database is an integration collection of logically related records of files consolidate into a common pool that provides data for or more multiple uses. The MySQL database stores logically in the form of table spaces and physically in the form of data files.
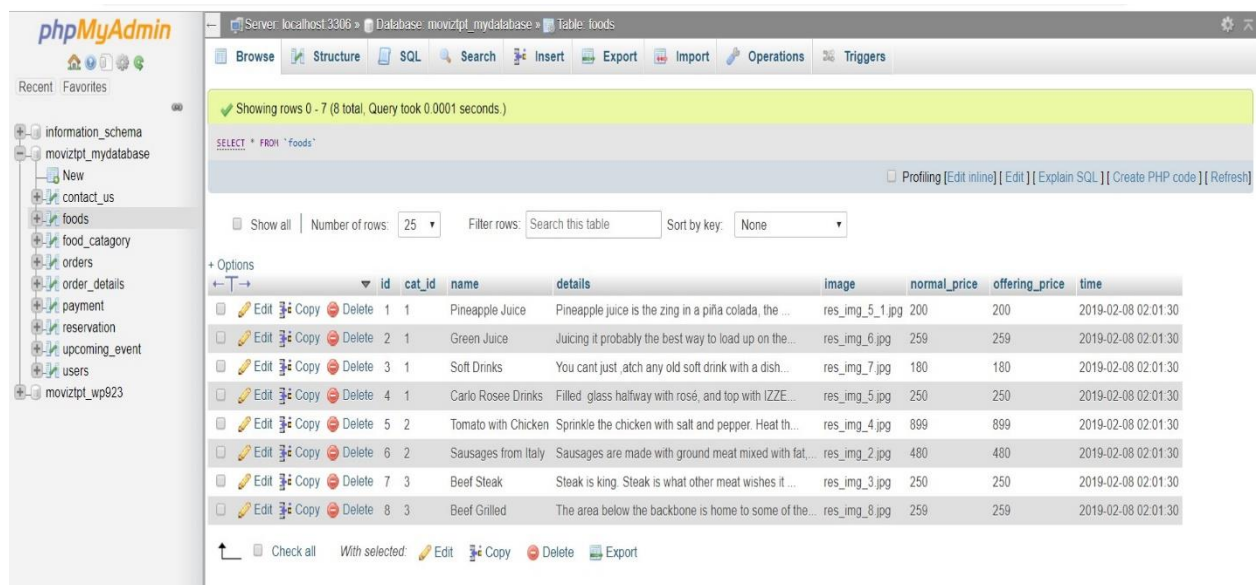

Fig 5.1: Database of the site

5.2 Unit Test:

Each a part of the online web site ought to be tested to confirm that the elaborate style is properly enforced and work properly.

5.3 Link Test

Each a part of the online website ought to be tested to make sure that the elaborate style is properly enforced and work properly.

5.4 Integration Test

A stratified technique is employed to test the combination of the pages inside the online website. It's viewed that it is attainable for user to navigate to and from the pages of the online website.

5.5 System Test

Framework testing has been completed preceding establishment and it saw that the framework works as per prerequisites and there is no issue.

5.6 Usability Test

Ease of use tests were done by the clients. These confirm that the framework gives the required business usefulness and effectively items the normal business data.

5.7 Implementation Test

The over tests were moreover connected at the season of framework improvement and execution. The live task played out every one of the activities according to necessities. The clients of the framework are worried at the last stage to ensure that the framework is usable for them. This strategy has been planned so most issues are frequently overseen. The errands worried in execution forms are given underneath. Premises are to be designated to organization of ongoing framework. Important equipment and bundle components are to be sorted out. Creation of a whole arrangement of frameworks documentation is required.

Each a piece of the occasion PC is to be tried. System of altered over is simply also planned. Generally speaking framework is also to be tried.

CHAPTER 6

Conclusion and Future works

6.1 Conclusion

Dealing with an eating house is partner degree question one in all the first scary assignments that a specialist will attempt. Eating house the board includes bounty forms that whenever done right, would ensure the smooth stream of the endeavor and even amplified benefits. We will in general guarantee that robotization of those assignments can encourage ease the board loads though rising deals and enhancing customer aptitude by our web. This can be accomplished through an easy to utilize graphical interface menu decisions. The clients will add any scope of things to the truck from any of the available nourishment classes by only tapping the increase truck catch for each thing. When thing is extra to truck, client is consulted with expound request to survey or keep seeking.

6.2 Future Works

A Website can be good or bad. It depends on the development and the language of the website can be changed. The language of the website that we developed is HTML, CSS, JavaScript, Bootstrap, PHP and MySQL. The feature of the website can be changed according to the user demand. It can be add some more features or remove some feature which are not useful for the user.

- Save time by ordering online food and get home delivery.
- Order 30 min age to before arrived our restaurant.
- Allow customers to customize food orders and reservation systems
- Allow to save payment details for future use.
- Allow to process an order as a guest.
- Allow to find and chose a nearby restaurant.
- Integrate with in store touch screen devices like iPad, smartphone, tab etc.

6.3 Limitation:

1. Lack of privacy.

2. Lack of authentication.

3. Lack of report printing system.

REFERENCES

[1] Lear about "Design and development of mobile application on "Pocket Restaurant" available at << project no: P05202, Student id: 112-15-1429, 112-15-1413, department of CSE in DIU. >> [Last access at Jan 10 2019]

[2] Lear about "Mandate Food an E-Menu System for A Restaurant" available at << project no: P08377, id: 131-15-2379, 131-15-2432, 131-15-2423, 131-15-2405, department of CSE in DIU. >> [Last access at Jan 10 2019]

[3] Lear about "Restaurant Finder" available at <<project no: P08484, Student id: 131-35-417, department of CSE in DIU. >>[Last access at Feb 10 2019]

[4] Lear about "Restaurant Food Ordering System" available at << project no: P08575, Student id: 131-15-2602, 131-15 2542, 131-15-2564, department of CSE in DIU.>> [Last access at Feb 15 2019]

[5] Lear about "B.Tech IT Computer Science Project" available at << https://bit.ly/2Fj2HY5. >> [Last access at March 05 2019]

[6] Lear about "Ignousupport.blogspot.com" available at << https://bit.ly/2JvRtEY. >> [Last access at March 10 2019]

[7] Lear about "Slideshare.Net" available at << https://bit.ly/2FqOWrI. >> [Last access at March 15 2019]

APPENDICES

APPENDIX A: DATABASE TABLES

Table 1.1: R_Manager
Description: - This table is used to store username and Password of Admin and also store there some personal information.

Table 2.1: Member_Info
Description: - This table is used to store username and Password of Member and also store All the Information about Member/Registered user.

Table 3.1: Order-Detail
Description:-This table is used to store All the Information Which Are Needed to Take Order.

Table 4.1: Order_Status
Description: - This table is used to store information About Status OF Order.

Table 5.1: Order
Description:-This table is used to store the information About Order Information for Order Status.

Table 6.1: Order_Tool_cart
Description:-This table is used to store the information About Order (Menu items) list.

Table 7.1: MenuItem
Description: - This table is used to store the information About Each And Every Menu Items like Fast-food dishes, Milkshake, Coldrinks etc.

Table 8.1: TableBook_MST
Description: - This table is used to store the information about all events which is advance book by registered user.
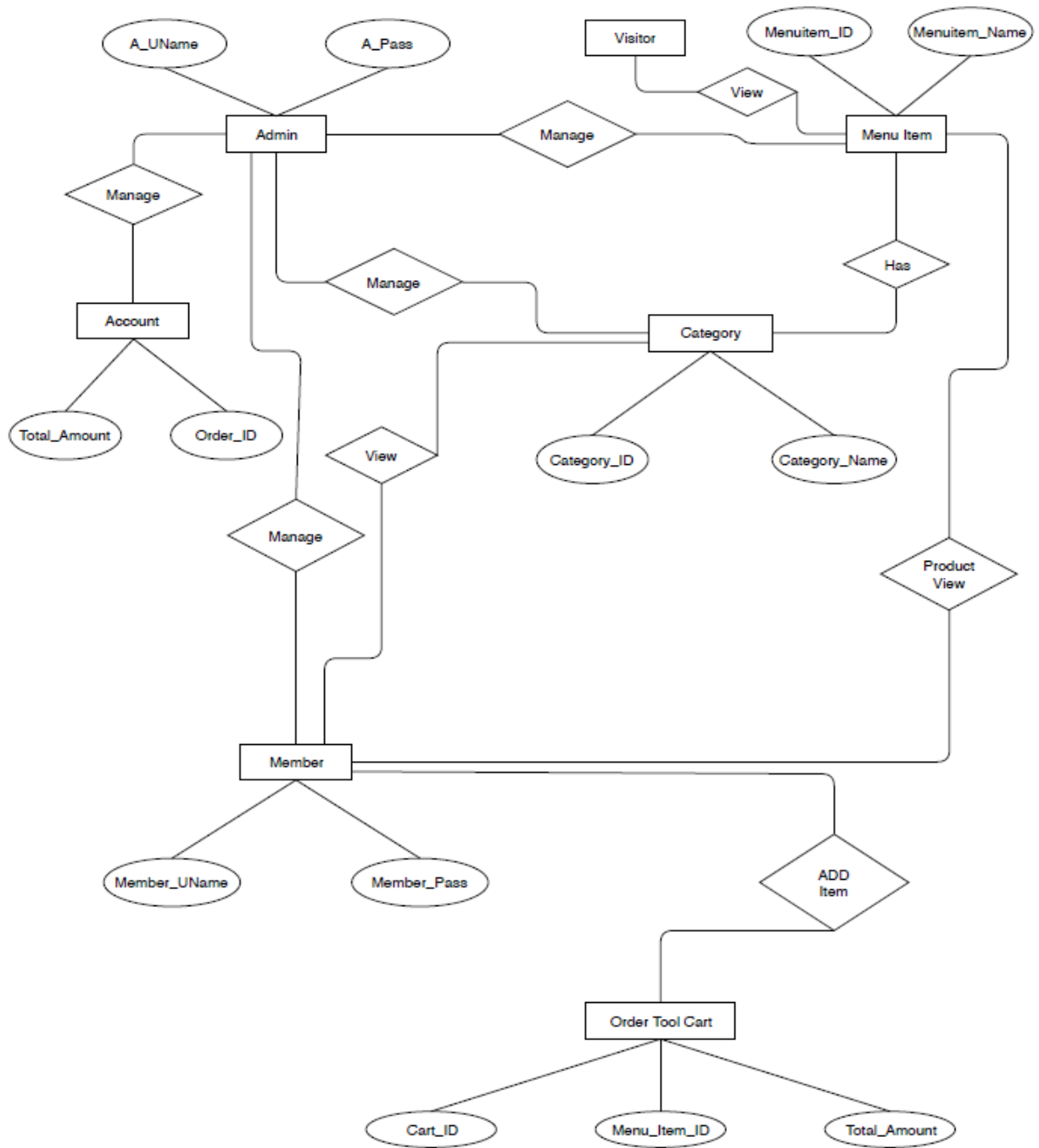
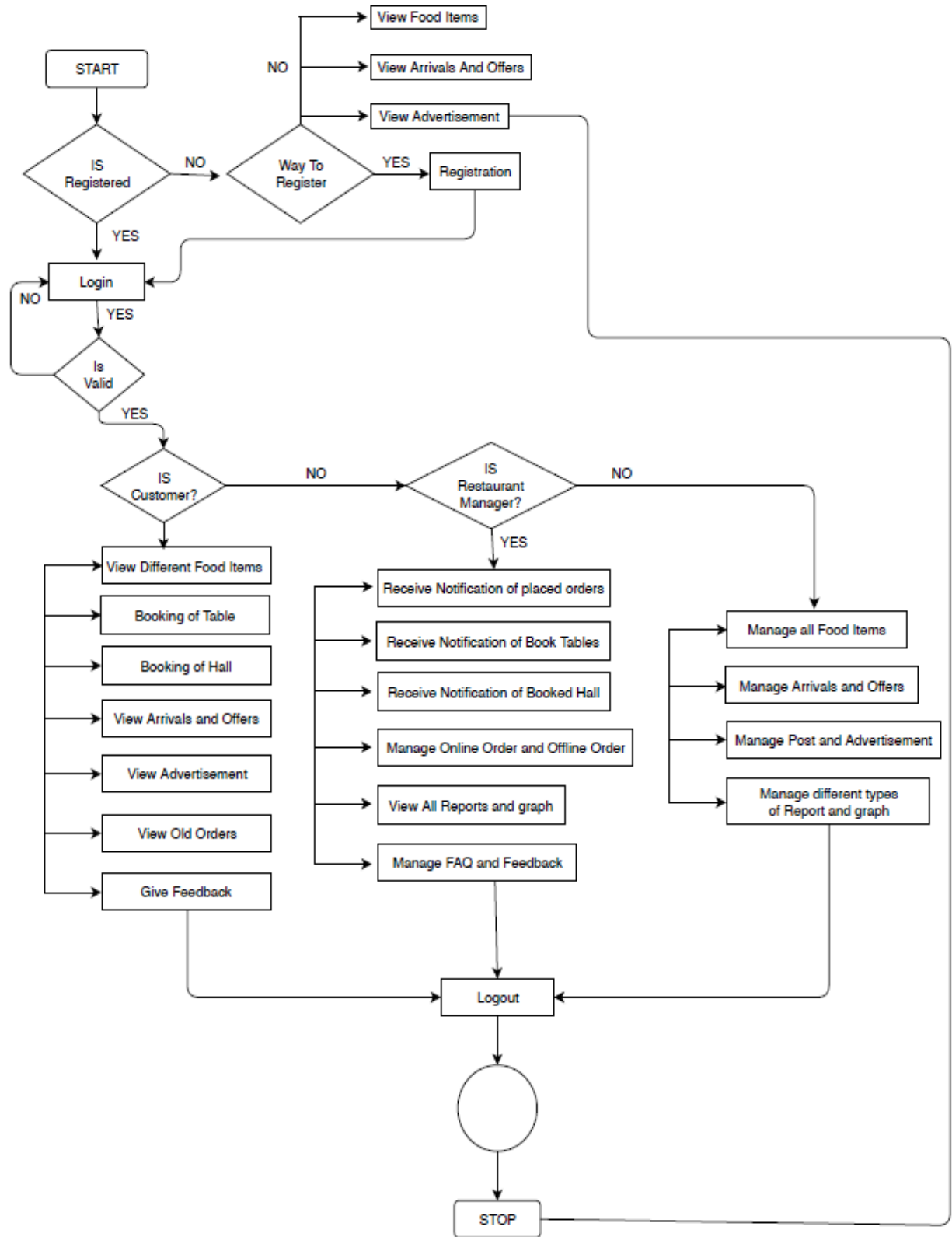## APPENDIX B: RELATED DIAGRAM

Fig 1: ER Diagram

Fig 2: Flow Chart
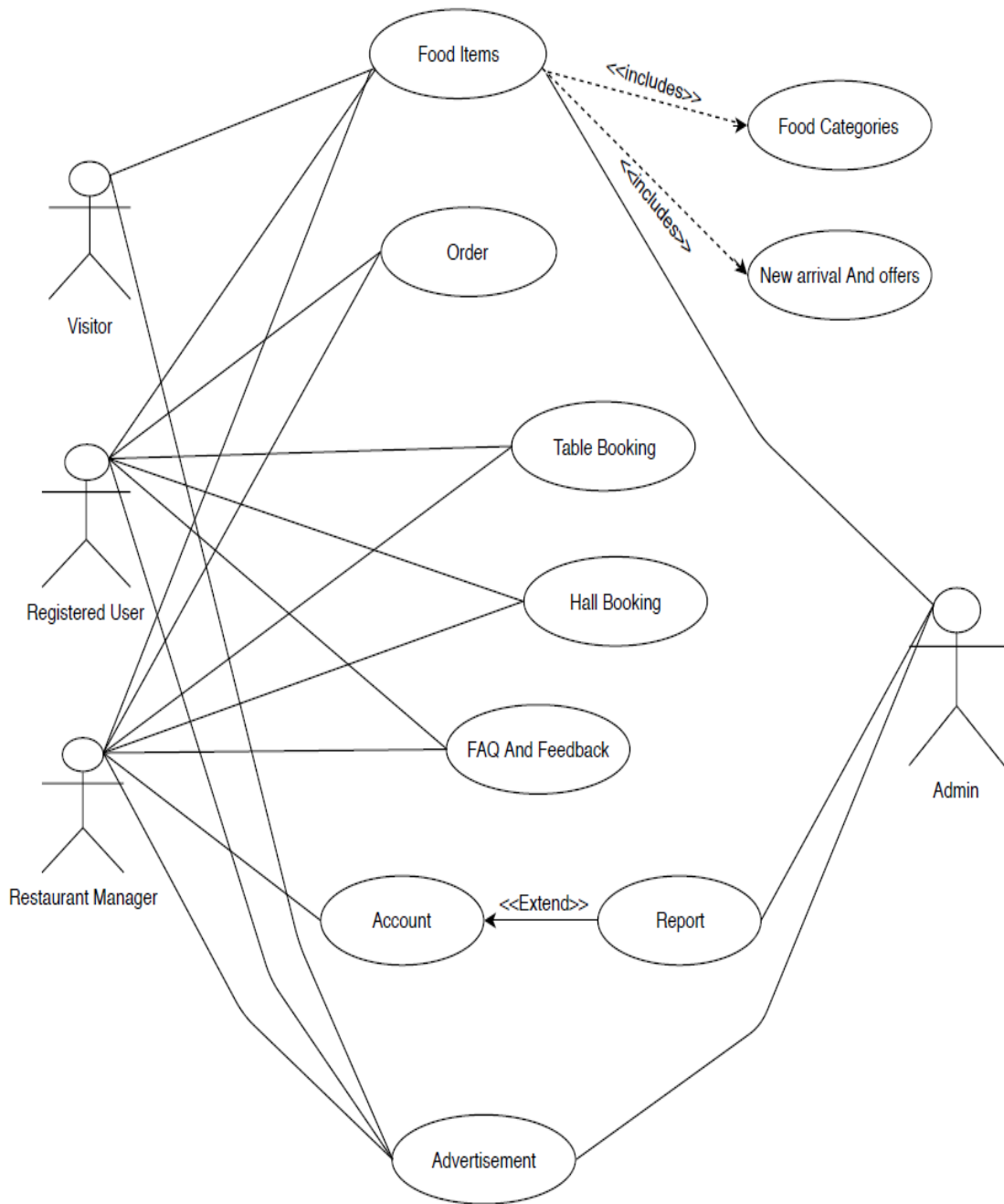
Fig 3: Use Case
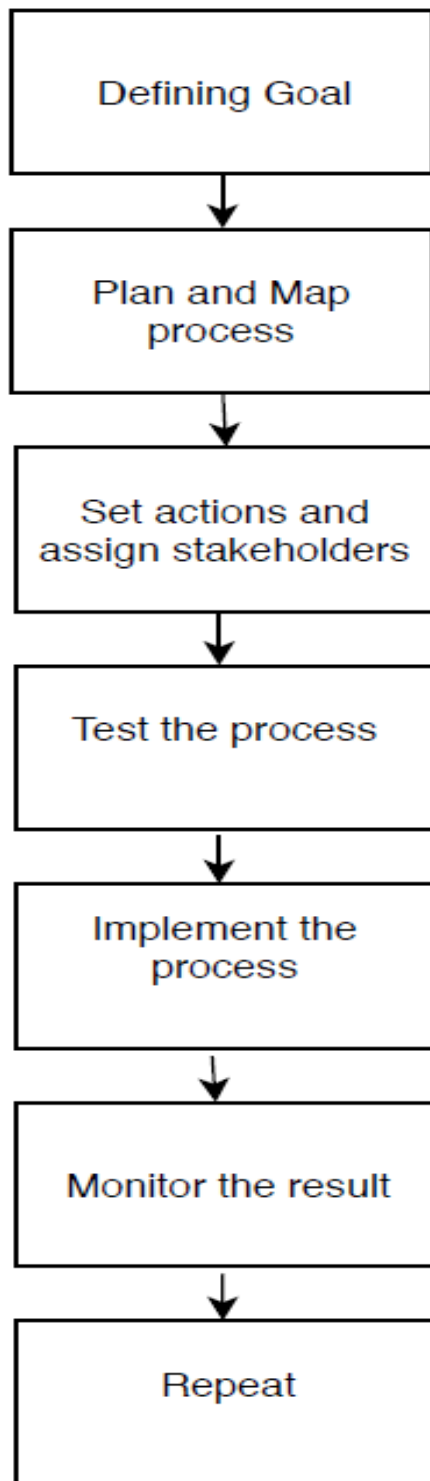
Fig 4: Business Process

APPENDIX C: PROJECT REFLECTION

HTML, CSS & PHP BASED CODE:

```html
<div id="fh5co-container">
    <div id="fh5co-home" class="js-fullheight" data-section="home">

        <div class="flexslider">

            <div class="fh5co-overlay"></div>
            <div class="fh5co-text">
                <div class="container">
                    <div class="row">
                        <h1 class="to-animate">foodiez</h1>
                        <h2 class="to-animate">Designed <span>by</span> <a
                            href="https://www.facebook.com/mhshobuj32?__tn__
                            =%2CdlC-R-R&eid
                            =ARBgpaob3oIWtzU9gvUOlnzGUtaA3bgLxSRx
                            -I556AzAJNXEuFo7er9_jvR83PbIf9So1chNqH3M5z38&hc_
                            ref
                            =ARTdd2N7q8pD3xnSEvI6NVe3eDG0D8mzzf05UFJA22KBal8
                            E8lBaAxGQqjtZqMf2l6g" target="_blank">foodiezhub
                            </a></h2>
                    </div>
                </div>
            </div>
            <ul class="slides">
            <li style="background-image: url(images/slide_1.jpg);" data
                -stellar-background-ratio="0.5"></li>
            <li style="background-image: url(images/slide_2.jpg);" data
                -stellar-background-ratio="0.5"></li>
            <li style="background-image: url(images/slide_3.jpg);" data
                -stellar-background-ratio="0.5"></li>
            </ul>

        </div>
```

Fig 5: Home Page

```php
//------------------------------ login ------------------------------
$lerror = "";
$lerror_type = "";
$lerror_status = "hidden";

if (isset($_POST['login_user'])) {
    $email = test_input($_POST["email"]);
    $upassword = test_input($_POST["password"]);

    // Check Domain Status on server
    $sql = "SELECT * FROM users WHERE email='$email' AND password
        ='$upassword' AND status='active'";
    $result = mysqli_query($conn, $sql);
    if (mysqli_num_rows($result) == 1) {

        while ($info = mysqli_fetch_assoc($result)) {
            $_SESSION['user'] = $info['id'];

            header('Location: index.php#fh5co-menus');
            //die();

        }
    }else{

        $sql = "SELECT * FROM users WHERE email='$email' AND password
            ='$upassword' AND status='pending'";
        if (mysqli_num_rows(mysqli_query($conn, $sql)) == 1) {
            $lerror = "<strong>Error!</strong> Please activate your account
                by clicking on link sent via email.";
            $lerror_status = "";
            $lerror_type = "danger";
        }else{
            $lerror = "<strong>Error!</strong> Invalid Account Information."
            ;
```

Fig 6: Login

```html
<!-- ----------------------------------------------------     menu
    ---------------------------------------->


<div id="fh5co-menus" data-section="menu">
    <div class="container">
        <div class="row text-center fh5co-heading row-padded">
            <div class="col-md-8 col-md-offset-2">
                <h2 class="heading to-animate">Food Menu</h2>
                <p class="sub-heading to-animate">Meatloaf, shepherd's
                    pie, pot roast and gravy, and macaroni and cheese
                    have been featured on restaurant menus for decades.
                    Customers are offered the experience of dining on
                    comforting, home-cooked food that they do not have
                    to prepare themselves. The mass appeal of these
                    savory, filling foods isn't likely to disappear
                    anytime soon, even with the growing focus on
                    healthier eating options at restaurants.</p>
            </div>
        </div>
        <div class="row">

            <div class="col-sm-12">
                <div class="alert alert-<?php echo $error_type;?>"
                    <?php echo $error_status;?> style="max-width:
                    600px; margin-top: 50px; margin-left: auto;
                    margin-right: auto;">
                    <?php echo $error;?>
                </div>



                <ul class="selecton brdr-b-primary mb-70">
                    <!--<li><a class="active" href="#" data
                    -select="*"><b>ALL</b></a></li>-->
                    <?php
                        if (mysqli_num_rows($result_cat_food
                    ) > 0) {
                            $check = 1;
                            while ($info =
                    mysqli_fetch_assoc($result_cat_food)) {
                                $id = $info['id'];
                                $name = $info['name'];
                                $upper_name = strtoupper
                    ($name);

                                if($check == 1){
                                    $check++;
                                    echo"

                                        <li><a class
                    ='active' href='#' data-select='$id'><b
                    >$upper_name</b></a></li>


                    ";

                                }else{
                                echo"

                                    <li><a href='#' data
                    -select='$id'><b>$upper_name</b></a></li
                    >
```

Fig 7: Menu

Restaurant Management System