

A
PROJECT REPORT
ON

'ONLINE TIFFIN SERVICE SYSTEM'

Towards partial fulfillment of the requirement in

2nd Semester BCA/B.Sc. IT/IMCA 2021-22

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Submitted To:-



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Under the Guidance of
Prof. Vijya Tulsani, Assistant professor

Acknowledgement

The success and final outcome of this project required a lot of guidance and assistance from many people and we are extremely privileged to have got this all along the completion of our project. All that we have done is only due to such supervision and assistance and we would not forget to thank them.

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PARUL INSTITUTE OF COMPUTER APPLICATION

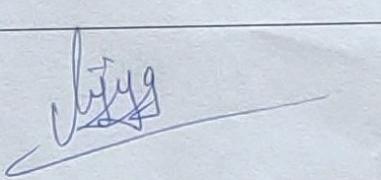
CERTIFICATE

This is to certify that Mihir Verma, Patel Jay and MD Meraj Ahmad the student(s) of Parul Institute of Computer Application, has/have satisfactorily completed the project entitled "Tiffin services system" as a part of course curriculum in BCA/B.Sc. IT/IMCA semester-II for the academic year 2021-2022 under guidance of Assistant Prof. Vijya Tulsani

Enrollment Number: 210510111098

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Quality of work	Grade	Sign of Internal guide
Poor / Average / Good / Excellent	B /B+/A / A+	

Date of submission:

HOD,

Prof. Hina Chokshi

Principal,

Dr.Priya Swaminarayan

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ABSTRACT

People tend to use tiffin service very often. The main customers of these services are students and employees who live in rented apartments. The subscription of this service changes a lot as it depends for how much time the customers want the tiffin to be delivered to them. A proper management is needed for the tiffin-vendor and the customers as well to cut off the everyday hassle. Every individual who uses the tiffin service has experienced many difficulties at some time trying to order the food or even while managing the payment for the same. As always people like hassle -free services and that made us think of this system. We aim to make it easier for all the customer users to order the tiffin and the tiffin-vendors to manage the process of order handling seamlessly. In this way it would help the vendors to utilize their time easily and also grow their business.

Chapter 1

Introduction to Project System

Admin Module

1. **Dashboard:** In this section, admin can briefly view the total new orders, total confirmed orders, total cancelled orders, and total orders.
2. **Tiffin:** In this section, admin can manage Tiffin (Add/Update).
3. **Order:** In this section, admin can view the Tiffin order details and they have also the right to change order status according to current status.
4. **Invoices:** In this section, admin can view invoices of the tiffin orders and also take print of the invoice.
5. **Reports:** In this section admin can view the Tiffin details and check the sales reports (month-wise/year wise) in a particular period.
6. **Search Invoice:** In this section, admin can search the Tiffin invoice with the help of customer invoice number, Name and Mobile Number.
7. **Search Order:** In this section, admin can search the tiffin orders invoice with the help of customer invoice number, Name and Mobile Number. Admin can also update his profile, change the password and recover the password.

User Module

1. **Home Page:** In this section, user can view the home page of the web application and also view which food available in Tiffin service and order that food.
2. **My orders:** In this section, user can view order history and invoice after login.
3. **My Profile:** In this section, user can view and update his/her profile.
4. **Setting:** In this section, user can change his/her password.
5. **Log out:** The user can be logged off the system using this module.

Chapter 2

System Requirement Specification

2.1 Introduction to SRS

Tiffin delivery website will take the nearly service area of the customer and will show the nearly mess available view the selected service area. Customer can view the details of every individual mess in a list then order the home made tiffin from these available messes with the functionality of delivery of the tiffin at customers address as many days and times according to the customer routine . Tiffin delivery website gives opportunity to the customer to taste and give ratings to different messes.

2.2 Hardware Requirement

Hardware Components	Specification
Processor	Intel core I3,I5
RAM	4GB/8GB
Hard disk	512GB/1TB
Monitor	15.6 colour monitor or advance
Device	Keyboard, Mouse

2.3 Software Requirement

Name of component	Specification
Operating System	WindowsXP,windows10
Control Panel	Xampp Control Panel/Wamp Control Panel
Software development kit	Google Chrome, Internet Explorer, Mozilla Firefox (any appropriate or suitable browser)
Programming Language	PHP, HTML, JAVASCRIPT
Server	Apache Web Server
Database	MySQL

2.4 System Users

- 2.4.1 User 1 Admin
- 2.4.2 User 2 Customer
- 2.4.3 User 3 Mess

2.5 Description of User Role

2.5.1 Role Description of Admin

Admin have a rights to control the website processes such as order, delivery, track and payment etc. Admin can also change the settings if required.

2.5.2 Role Description of Customer

The role of Customers in this website easily to login email account and effort, time or other resources to the service production process, they should be considered as part of the organization.

2.5.3 Role Description of Vendor

A vendor's role is to sell goods and services to individuals, business entities, and stores. It is their responsibility to maintain the supply flow of products, coordinate with business partners, and maintain positive relationships with customers to strengthen the client base.

2.6 System Features

- 2.6.1 Feature 1: Customer management system
- 2.6.2 Feature 2: Order management system
- 2.6.3 Feature 3: Hotel management system
- 2.6.4 Feature 4: Mess management system
- 2.6.5 Feature 5: Foods management system

2.7 Description of Features

2.7.1 Feature 1

Description of customer management system:-

Customer management (CM) website helps automate and manage the customer service for foods and hotel departments.

2.7.2 Feature 2

Description of Order management system:-

Your order by channel shipping method, facility, and office much any other filtering rules you can think of. Retailors order management allows you to always stay on top of your order queue and maximize fulfillment efficiency.

2.7.3 Feature 3

Description of Hotel management system:-

Hotel management system vendor selection is one of the most important and difficult decisions a hotel operator will ever make. By the end of this article, you know exactly what to look for so that you can make informed technology decisions for your property.

2.7.4 Feature 4

Description of Mess management system:-

The main aim of any canteen/mess is to provide clean and fresh food to the customer/employees of the organization. In many organizations, entire mess management and billing calculations are done manually till date. It is very time consuming and increases the chances of performing calculation mistakes.

2.7.5 Feature 5

Description of Foods management system:-

Those in the food service industry are obligated to guarantee their items are safe, properly packaged, and fresh for consumers. With changing customer demands and burdensome health regulations, it's easy for those in the food industry to feel overwhelmed.

2.8 Timeline Chart

2.8 Time line chart of Tiffin service system

Development phase	67 Days							Duration N (days)
	0to5 days	5to10 days	10to15 days	16to25 days	26to36 days	37to45 days	46to60 days	
Requirement Gathering		2.1	2.2	2.3	2.4	2.5	2.5.1, 2.5.2	05
Analysis				2.7				05
Design	Figure	Figure		Figure	Figure	Figure	Figure	05
Figure No: -	2.1	3.1		4.1	5.1	6.1	6.2,6.3,6. 4,6.5	
Development Home page & Mess	Home page	Index .php	Coding		vendor & Mess	Vendor .php	Coding	09
Development Food update	Food update	Food .php	Coding					10
Development Admin Login	Admin Login	Admin .php	coding					8
Documentation								14
Total time (Days)	$(5+5+5+9+10+8+14)=$							56

Chapter 3

System Flow Diagram

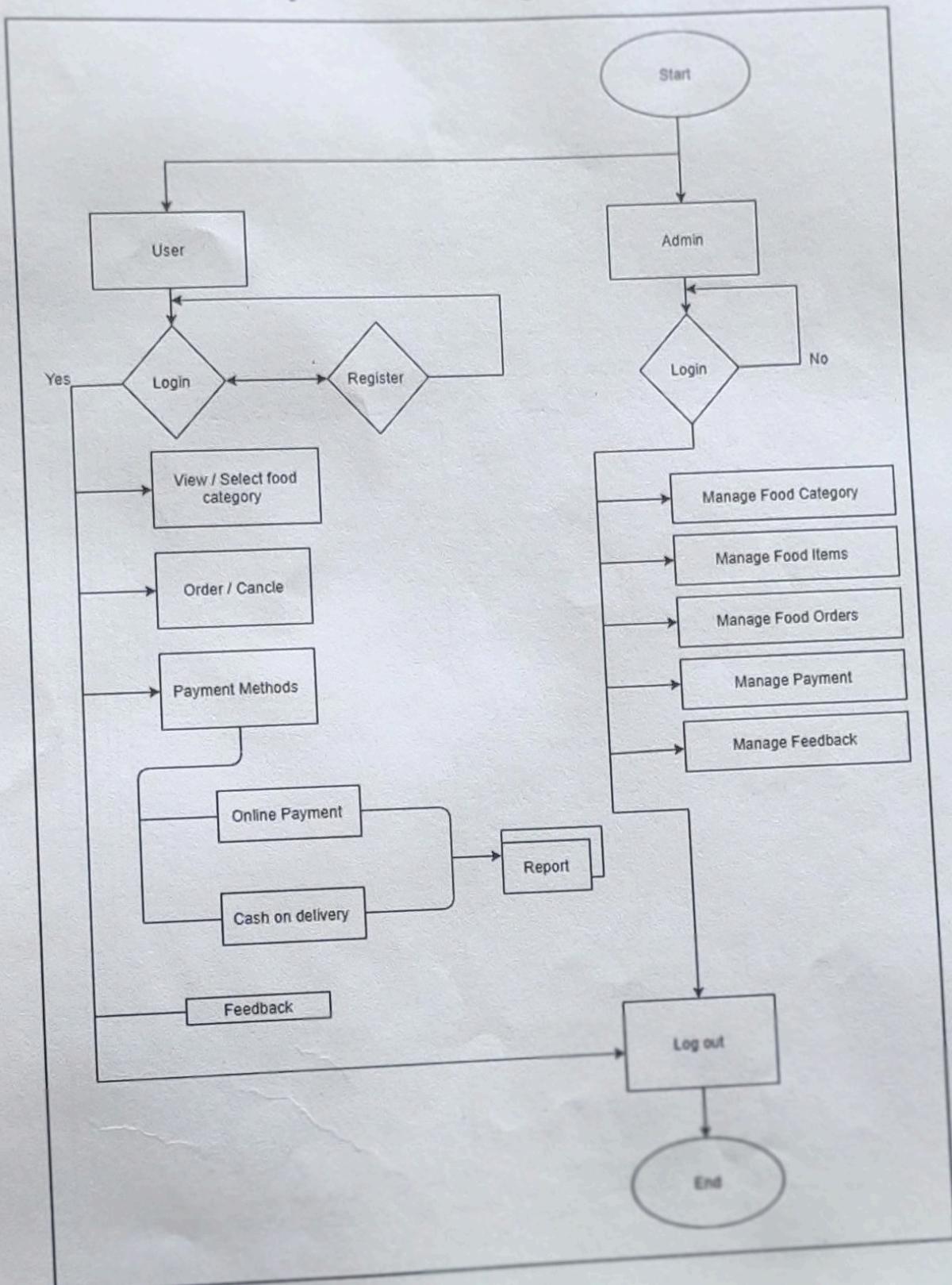


Figure 2.1. System Flow Diagram of Tiffin services system

Chapter 4

Data Flow Diagram (All Levels)

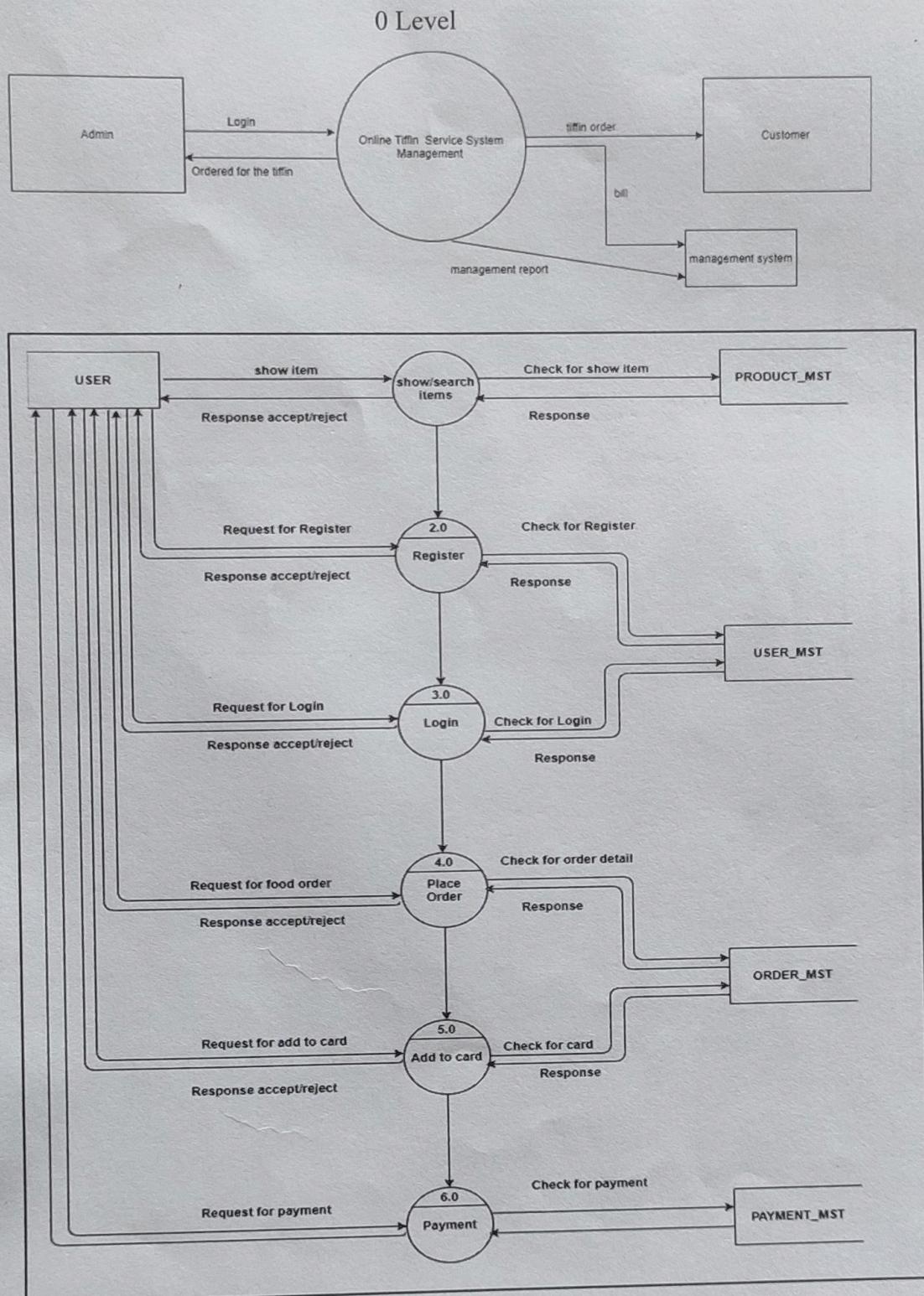


Figure 3.1. Data Flow Diagram of Tiffin service system

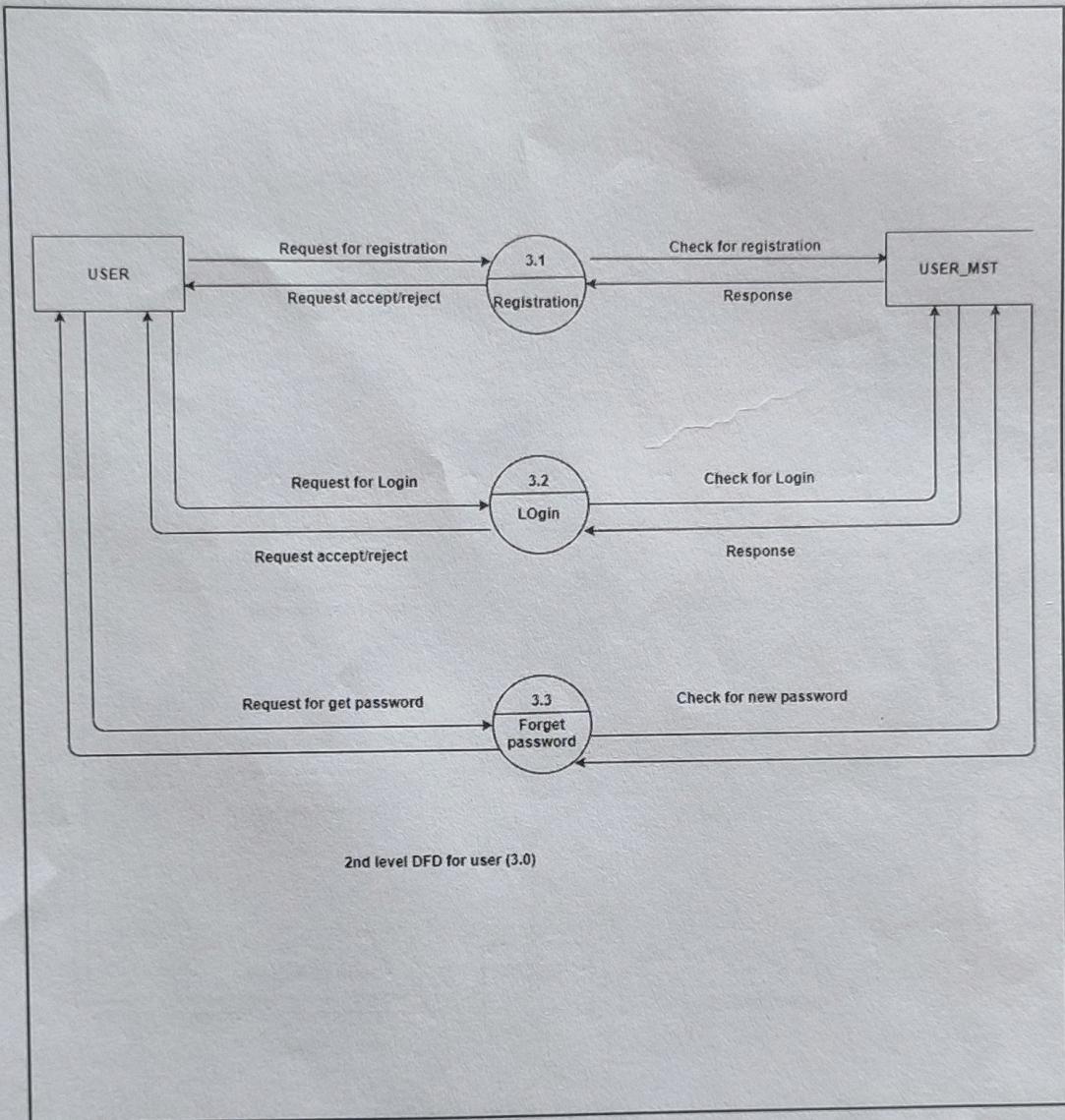


Figure 4.1. Data Flow Diagram of Tiffin service system

Admin side

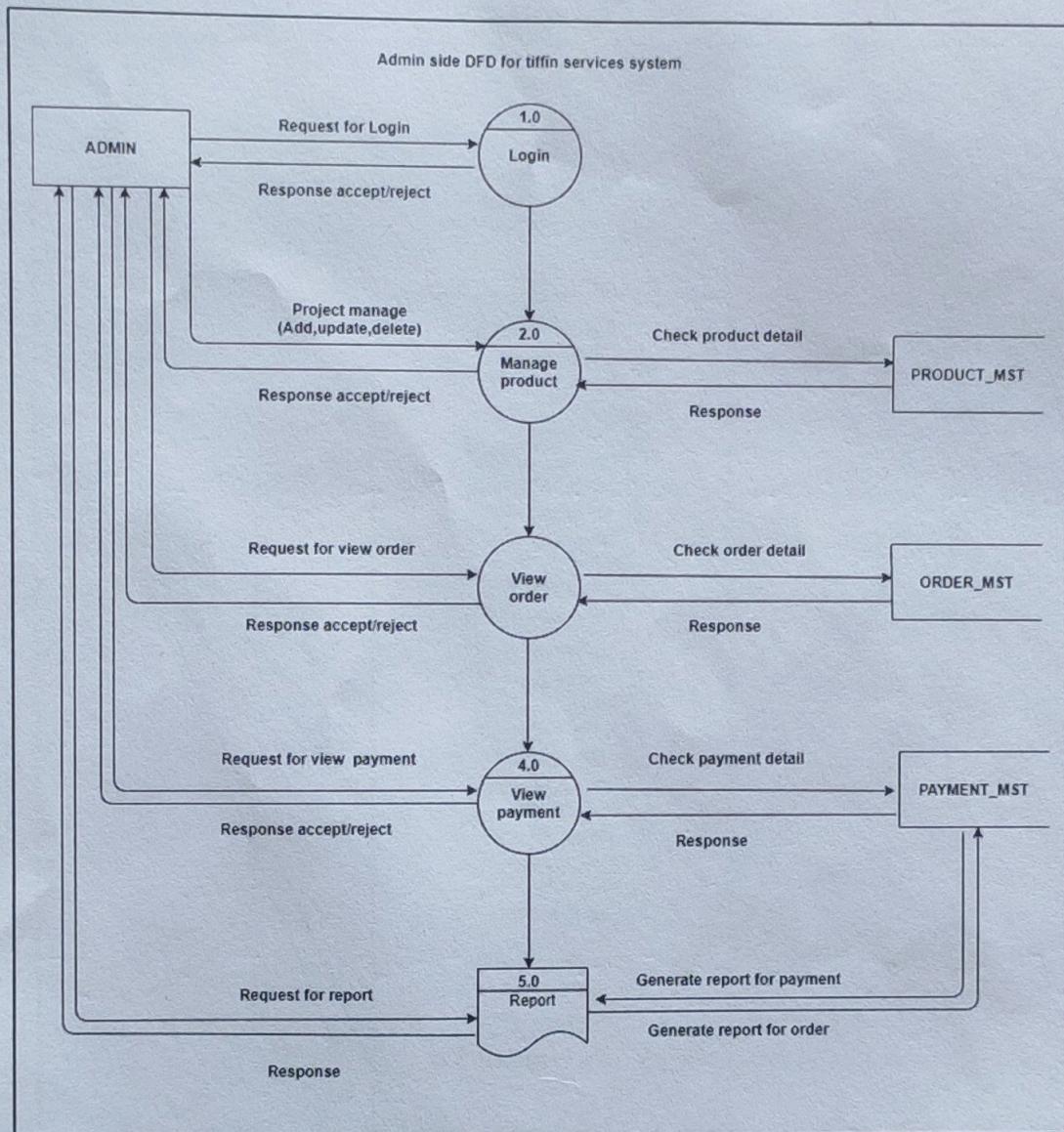


Figure 5.1. Use Case Diagram of Tiffin service system

Chapter 5

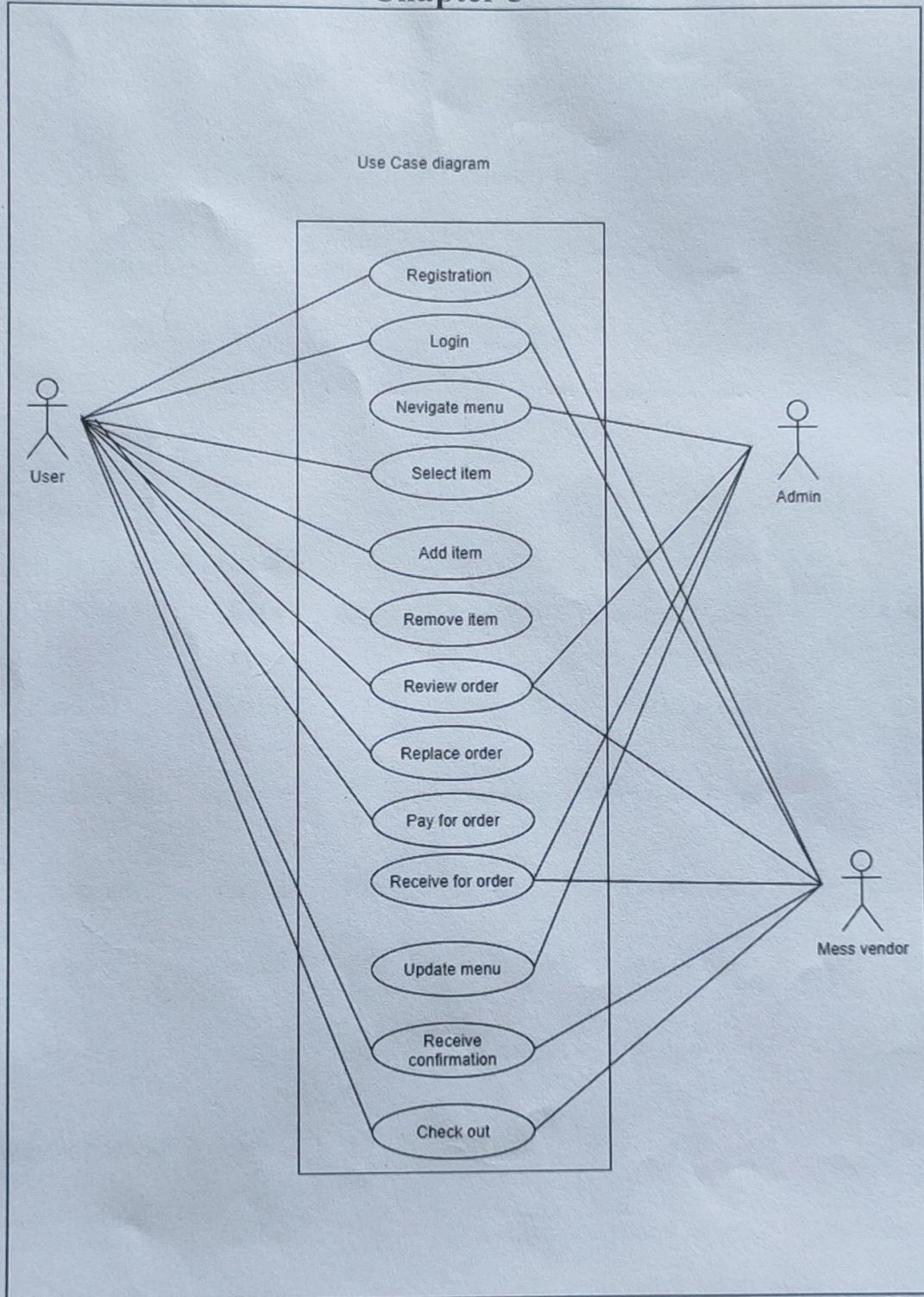


Figure 6.1. Use Case Diagram of Tiffin service system

Chapter 6

Data Dictionary

6.1 Tadmin

It control the whole table and login page.

Sr. No.	Field Name	Data Type	Size	Constraint	Description	Example
1	fld_id	integer	10	Primary key	Id auto generate	1, 2...
2	Fld_username	varchar	30	Not null	Food id	admin
3	Fld_password	varchar	30	Not null	Id password	Admin@123

Table 6.1: Tadmin

6.2 Tbfood

It maintain and provide the categories of foods

Sr. No.	Field Name	Data Type	Size	Constraint	Description	Example
1	Food_id	integer	11	Primary key	Food id search	2
2	Fldvendor_id	integer	11	Foreign key	Food vendor id login	22
3	Foodname	varchar	100	Not null	Food name	Malai kofta
4	cost	bigint	15	Not null	Cost of food	50
5	cuisines	varchar	50	Not null	Categories of food	vegetable, veg
6	Payment method	varchar	50	Not null	Payment method	COD
7	fldimage	varchar	1000	Not null	Food image	1469258122-malai-kofta.jpg

Table 6.2: Tbfood

6.3 Tblcustomer

It maintenance customer details

Sr. No.	Field Name	Data Type	Size	Constraint	Description	Example
1	fld_cust_id	int	10	Primary key	cust_id search	1
2	fld_name	varchar	30	Not null	cust_name	jawed akhtar
3	fld_email	varchar	30	Not null	cust_email login	customer1@gmail.com
4	fld_mobile	binint	10	Not null	customer number	7503515382
5	password	varchar	30	Not null	cust_email password	customer1
6	Cust_sates,city	Varchar	50	Not null	Cust_city	Siraha, lahan
7	Cust_address	varchar	30	Not null	Cust_address	Laxmipur patari

Table 6.3: tblcustomer

6.4 Tblorder

It maintenance all order details & view

Sr. No.	Field Name	Data Type	Size	Constraint	Description	Example
1	Cust_id	Int	10	Primary key	View cust_id	1
2	fld_order_id	Int	10	Not null	View order_id	2
3	fld_card_id	Binint	10	Not null	View card_id	2
4	fldvendor_id	Binint	10	Foreign key	View vendor_id	22
5	fld_food_id	Binint	10	Foreign key	View food_id	3
6	fld_email_id	varchar	50	Not null	View email_id	customer3@gmail.com
7	fld_payment	varchar	20	Not null	View payment	50
8	fld_status	varchar	20	Not null	View status	delivered

Table 6.4: tblorder

6.5 Tblvendor

It maintenance hotel & mess and provide service

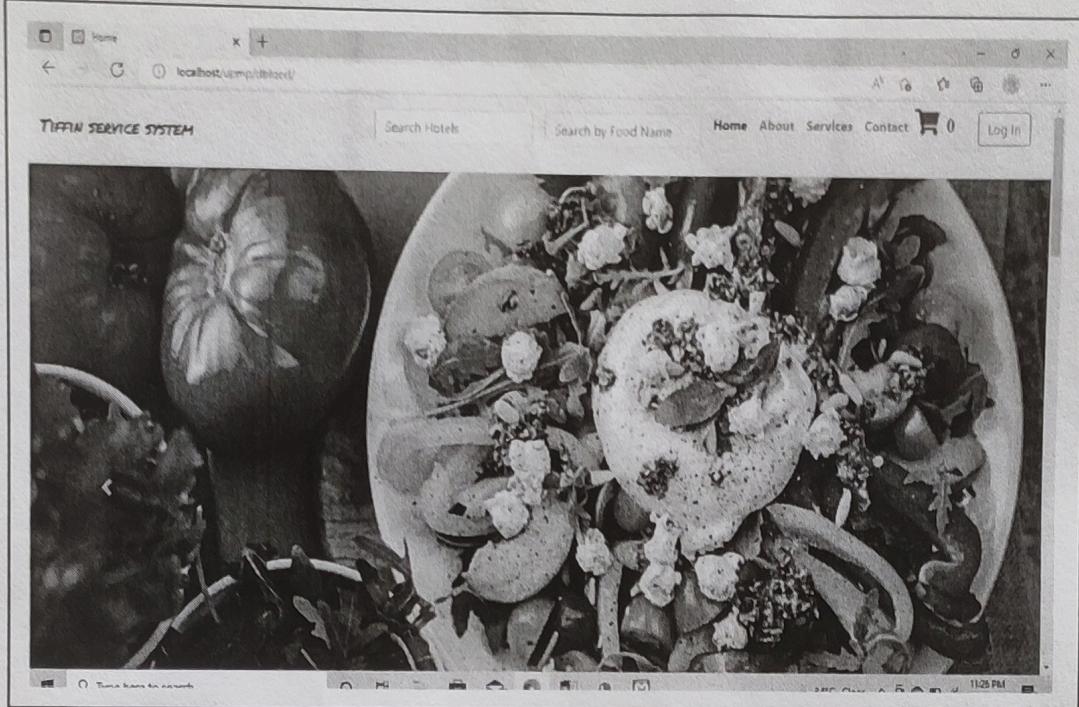
Sr. No.	Field Name	Data Type	Size	Constraint	Description	Example
1	fldvendor_id	Int	10	Primary key	view vendor_id	22
2	fld_name	Varchar	30	Not null	Vendor name	Hotel & mess
3	fld_email	varchar	50	Not null	Vendor email login	vendor1@gmail.com
4	fld_password	Varchar	50	Not null	Vendor fill password	Vendor1
5	fld_mobile	bigint	10	Not null	Vendor mbl: no	9341059973
6	fld_phone	bigint	10	Not null	Vendor ph: no	114565457
7	fld_address	varchar	50	Not null	View status	Lahan
8	fld_state, country	varchar	100	Not null	View states	Siraha, Nepal
9	fla_logo	varchar	250	Not null	Logo image	photo-1520209268518-aec60b8bb5ca.jpg

Table 6.5: tblvendor

Chapter 7

Screenshot of Development home page

Index home page Design



Code of index

```
index.php - Visual Studio Code
File Edit Selection View Go Run Terminal Help
index.php - index.php
index.php
1. <div id="result" style="position:fixed; top:0; right:50%; z-index: 3000; width:350px; background:white;"></div>
2. <div id="resulthotel" style="margin:0px auto; position:fixed; top:150px; right:750px; background:white; z-index: 2000;"></div>
3. <nav class="navbar navbar-expand-lg navbar-light bg-light fixed-top">
4.   <a class="navbar-brand" href="index.php">xamp</a>
5.   <?php
6.     if(!empty($cust_id))
7.     {
8.       <ul class="navbar-nav" style="color:black; text-decoration:none;"><li class="fa fa-user"><?php echo $result['id_name']; ?></li></ul>
9.     }
10.    <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
11.      <span class="navbar-toggler-icon"></span>
12.    </button>
13.    <div class="collapse navbar-collapse" id="navbarSupportedContent">
14.      <ul class="navbar-nav m-0">
15.        <li class="nav-item"><?php
16.          <form method="post"><input type="text" name="search_hotel" id="search_hotel" placeholder="Search Hotels" />
17.          </form>
18.        </li>
19.        <li class="nav-item">
20.          <?php
21.            <form method="post"><input type="text" name="search_text" id="search_text" placeholder="Search by Food" />
22.          </form>
23.        </li>
24.        <li class="nav-item active">
25.          <a class="nav-link" href="index.php">Home</a>
26.        </li>
27.      </ul>
28.    </div>
29.  </div>
30. </body>
31. </html>
```

Index code of part 2

File Edit Selection View Go Run Terminal Help

index.php - Visual Studio Code

Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More

index.php x

C:\xampp\htdocs\upmp>dbfood > index.php

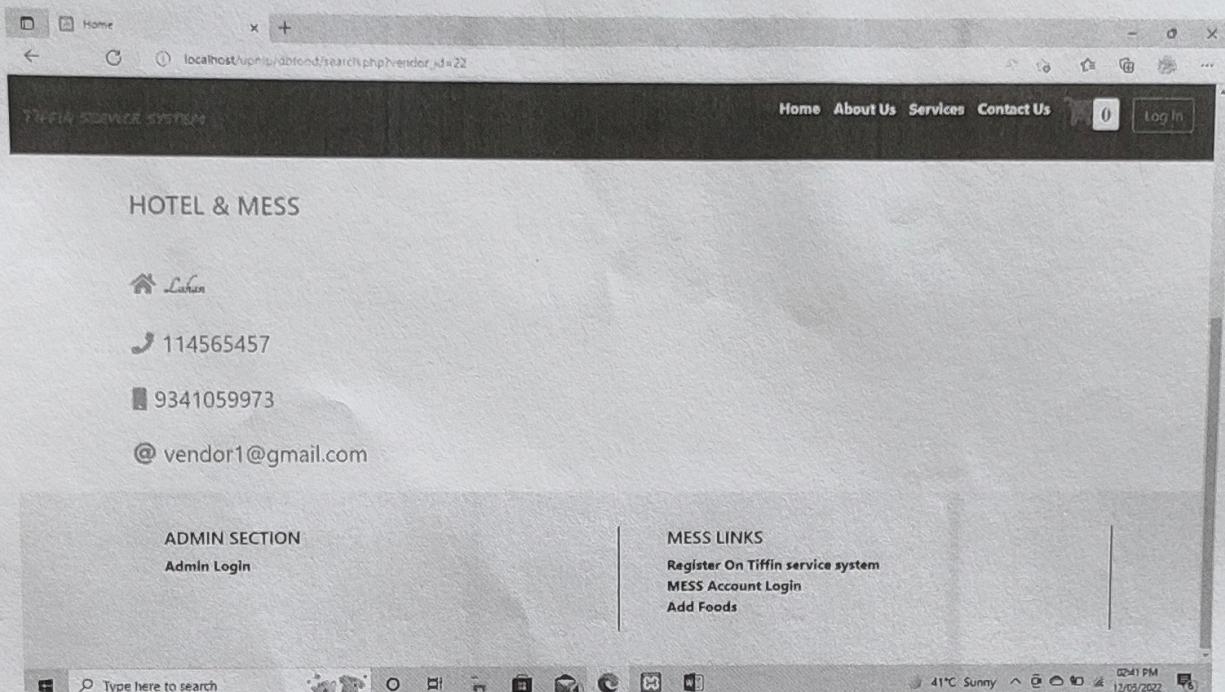
```
259 </nav>
260 <!--menu ends-->
261 <div id="demo" class="carousel slide" data-ride="carousel">
262   <ul class="carousel-indicators">
263     <li data-target="#demo" data-slide-to="0" class="active"></li>
264     <li data-target="#demo" data-slide-to="1"></li>
265     <li data-target="#demo" data-slide-to="2"></li>
266   </ul>
267   <div class="carousel-inner">
268     <div class="carousel-item active">
269       
270       <div class="carousel-caption">
271         <h3>lexmipur pateti</h3>
272         <p>We had such a great time in lpti</p>
273       </div>
274     </div>
275     <div class="carousel-item">
276       
277       <div class="carousel-caption">
278         <h3>lahan</h3>
279         <p>Thank you, lahan!</p>
280       </div>
281     </div>
282     <div class="carousel-item">
283       
284       <div class="carousel-caption">
285         <h3>Nepal</h3>
286         <p>We love the Big Apple!</p>
287       </div>
288     </div>
289   </div>
```

In 1, Col 1 Tab Size 4 UTF-8 CR/LF PHP 41°C Sunny 12/05/2022

Screenshot of Development Hotel & Mess Vendor login home page Design



Vendor login design page of part2



Code of vendor login part (1)

```
Untitled - Notepad
File Edit Format View Help
if(isset($login))
{
    $sql=mysqli_query($con,"select * from tblvendor where fld_email='$username' && fld_password='$pswd' ");
    if(mysqli_num_rows($sql))
    {
        $_SESSION['id']=$username;
        header('location:food.php');
    }
    else
    {
        $admin_login_error="Invalid Username or Password";
    }
}
?>

<head>
    <meta charset="UTF-8">
    <title>MESS Login</title>
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css" integrity="sha384-gg0yR01XCbMQv3X1pma34ND+8H1/qTQ84/36CY1JTQ0hcd79jvokx12MzW1" crossorigin="anonymous">
    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8IYfqJLHmEoJ3U7p0sDkxhjZDvGJNlDw0O7dGZD20MnDwqVgRVzbzo5smXXp4YfrViSahtTEIP16jizo" crossorigin="anonymous"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js" integrity="sha384-U2ze10pk4d53Q6n1ty5K0lpPhzki9h01cJHTMg3JD2vrrQq4sfB6dIJ#Dz6Wf" crossorigin="anonymous"></script>
    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js" integrity="sha384-JSmWgdyd0p1jxRin2UAYo1y60jQGVrjIEaff/fJGzIxFdf4ubxJH-B07JRN" crossorigin="anonymous"></script>
    <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.8.1/css/all.css" integrity="sha384-S0o8URHewpQ+11b4y57PTFnwCaxp0dL5d68M1H7uH2nqUivzLebhnd0K28anyf" crossorigin="anonymous">
<style>
    ul li()
    ul li a {color:white;padding:40px; }
    ul li a:hover {color:white;}
</style>
</head>
```

Code of vendor login part (2)

```
Untitled - Notepad
File Edit Format View Help
<body>

<nav class="navbar navbar-expand-lg navbar-light bg-light fixed-top">

  <a class="navbar-brand" href="index.php"><span style="color:green;font-family: 'Permanent Marker', cursive;">Tiffin service system</span></a>
  <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarResponsive" aria-controls="navbarResponsive" aria-expanded="false" aria-label="Toggle navigation">
    <span class="navbar-toggler-icon"></span>
  </button>
  <div class="collapse navbar-collapse" id="navbarResponsive">

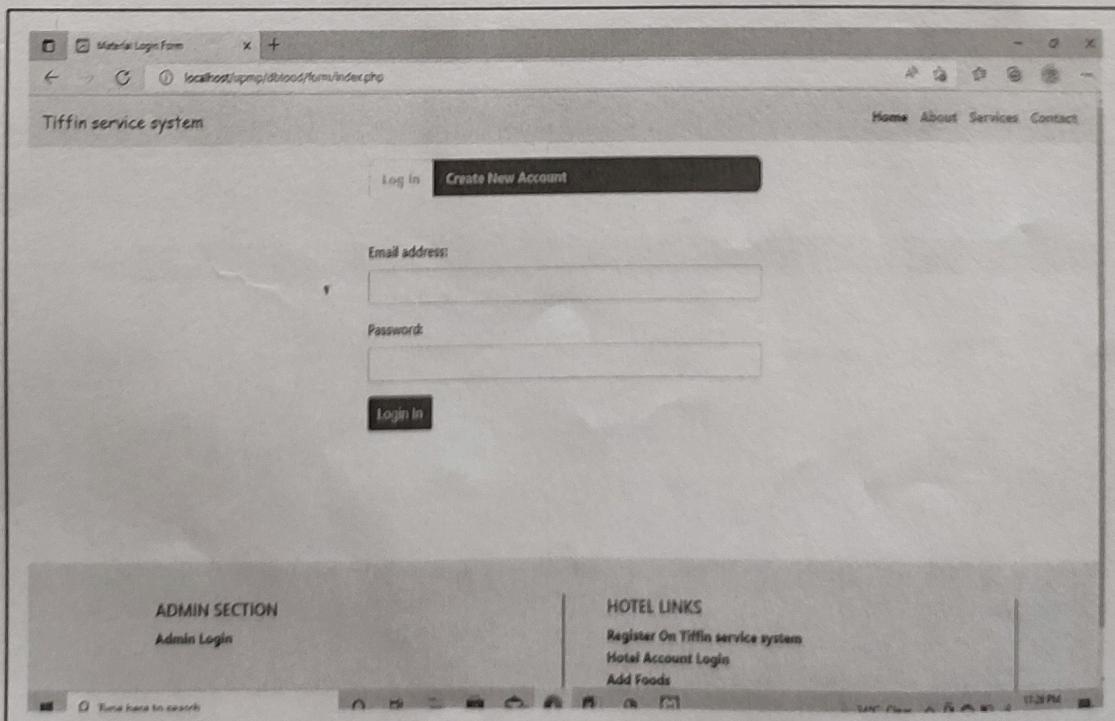
    <ul class="navbar-nav ml-auto">
      <li class="nav-item active">
        <a class="nav-link" href="index.php">Home
        </a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="aboutus.php">About</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="services.php">Services</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="contact.php">Contact</a>
      </li>
    </ul>
  </div>
</nav>

<div class="middle" style=" position:fixed; padding:10px; border:1px solid #ED2553; left:38%; top:38%; width:400px;">
  <ul class="nav nav-tabs navbar-inverse" id="myTab" style="background:#ED2553; border-radius:10px 10px 10px 10px; role='tablist'>
    <li class="nav-item">

```

Chapter 8 Screenshot of Development login page

Admin Login page Design

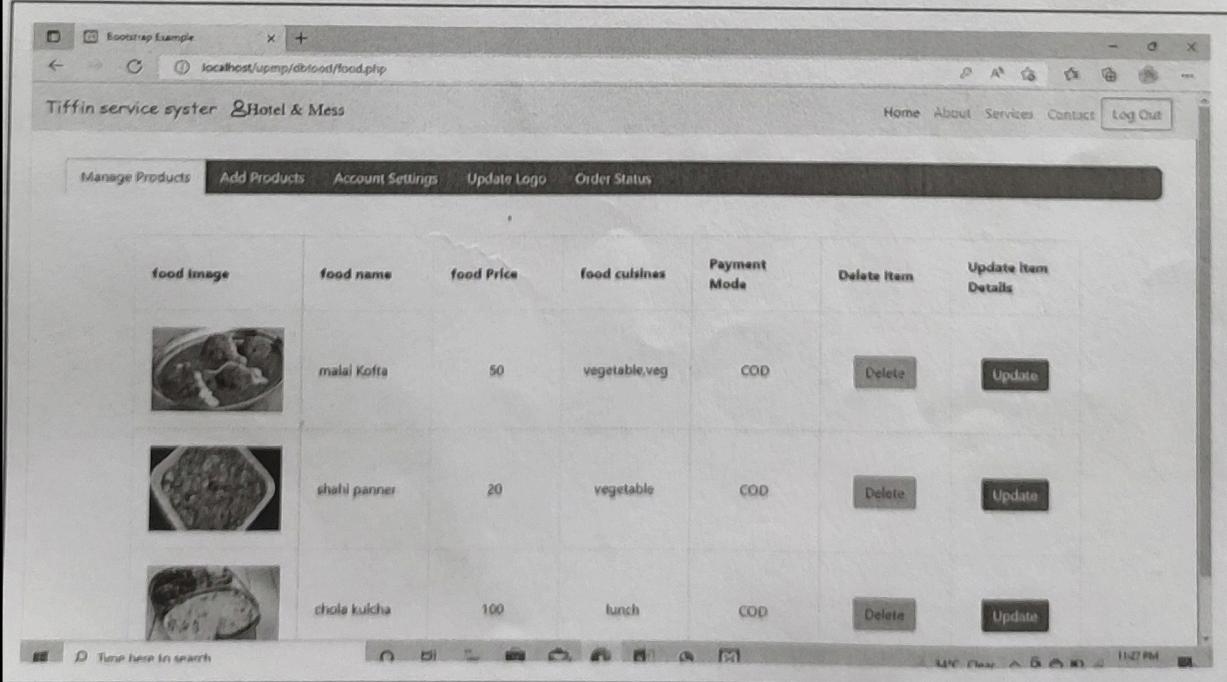


Code of Admin login

Chapter 9

Screenshot of Development foods update

Add foods Design



Code of Food part (1)

Code of Food part (2)

Chapter 10

Conclusion

A conclusion is the final piece of writing in a research paper, essay, or article that summarizes the entire work. The conclusion paragraph should restate your thesis, summarize the key supporting ideas you discussed throughout the work, and offer your final impression on the central idea. This final summation should also contain the moral of your story or a revelation of a deeper truth. A good conclusion will wrap up your final thoughts and main points, combining all pertinent information with an emotional appeal for an ending statement that resonates with your readers.

Chapter 11

Future Enhancement

The online Tiffin service system is one of the most profitable marketing strategies for Mess businesses. Online Tiffin ordering platforms also prevents missed orders due to busy phone lines or a lack of resources to monitor the phone. The face of the Mess industry has shifted from the traditional dine-in culture to takeaways, online ordering, and home deliveries. Mess are quickly incorporating mobile food ordering apps in their restaurant management systems to streamline the entire order taking process. Or online Tiffin service system platforms have disrupted the food ordering and delivery process in Mess. People no more have to shout for their orders in a crowd Mess, or especially go out to eat at a mess. Furthermore, the online Tiffin service system for mess is a trend that is growing at a fast pace. Major Mess today just for the convenience factor and increasing revenue are listing their services even online.

Chapter 12

References

Link of Online Tiffin service system

Register on Tiffin service system: [MESS Registration Form](#)

Customer login page: [Material Login Form](#)

Admin: [Contact-us](#)

About: [Home](#)

Add food: [MESS Login](#)

Hotel Hattori hanjo: [Home](#)

Website: - Ijraeel Bin Al Meraj Ahmad and Md Naseem Ahmad, "Cross-platform development for an online Tiffin service system.

Book: - p. hattori hanjo "formal specification for online tiffin service system using php/mysql language" second international conference on recent trends and challenges in computational models.

Other Resources: - The menu is different every day, but includes some standard items such as vegetables, dal, soups, salads, sandwiches, and snacks. All meals are cooked in rice bran and olive oil.