Pune Vidhyarthi Griha's
College Of Engineering and Technology

PUNE VIDHYARTHI GRIHA'S
COLLEGE OF ENGINEERING AND TECHNOLGY, PUNE-09.
DEPARTMENT OF INFORMATION TECHNOLOGY

A
PROJECT REPORT
ON

"Online Tiffin Booking System"

Under the Guidance of
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Submitted By
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CERTIFICATE

This is to certify that, the project entitled as

" ONLINE TIFFIN BOOKING SYSTEM "

Is a bonafide work done by

Tejas Shaha
Sakshi Meher
Deepak Chaudhari

Submitted in the partial fulfillment for the award of Third Year Engineering in Information Technology as prescribed by Savitribai Phule Pune University, Pune as a record of students own work carried out under the guidance of **Prof. N. R. Sonawane** during academic year 2018-2019.

Prof.N.R.Sonawane ***Prof.S.S.Dixit***

Project Guide H.O.D IT Department

ACKNOWLEDGEMENT

With immense pleasure, we are presenting this project report as a part of the curriculum of Information Technology. We wish to thank all the people who gave us unending support right from the stage the idea was conceived.

We express our profound thanks to our respected Head of Department Prof. S.S.Dixit , whose advice and valuable guidance helped us in making this project interesting and successful one.

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Tejas Shaha
Sakshi Meher
Deepak Chaudhari

ABSTRACT

In today's world,most of the people live away from their homes for work.Food is the basic necessity for everybody.Most of them are dependent on other people for food. So the aim of the project is to provide them hygenic food of high quality at low cost. As we know that the food cooked at home is hygienic and best for health and cheaper too.

The Online Tiffin Booking System is a web based application that allows the administrator to handle all the activities online quickly and safely. Using interactive GUI anyone can quickly learn to use the complete system.

The administrator doesn't have to sit and manage the entire work activities on paper and at the same time ,the head will feel comfortable to keep the check of whole system.This system will give him power and flexibility to manage the entire system from a single online portal. Various items are available to the customers. The customer can choose menu out of provided items of their own choice. The tiffin wil be delievered at their residence at the time given by the customers.

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Chapter-1

1.Introduction

A Online tiffin booking system is referred to as a set of detail methods that is being used in handling the tiffin booking process. Tiffin booking can be computerized or done manually. Those helps the users to choose their tiffin themselves which is known as the users self-ordering system.

The users self-ordering system can be defined as a computerized system that is being used by users to choose their own tiffins and allow the tiffins to be tracked, in order to prepare and deliver the tiffins to the customers.

Online Tiffin Booking system is a web application built in HTML,CSS,JAVASCRIPT and PYTHON

The online tiffin booking system will become one of the famous services that the tiffin providers and users will be using in the future. Tiffin booking can be computerized or done manually.

PURPOSE OF THIS SYSTEM:-

This connects the various tiffin providers with the students/professionsls etc withiout going anywhere else. This web application is especially beneficial for students/professionsls etc who are away from their family. All they need to do is choose and order their tiffin and enjoy the meal without having the need to prepare it themselves.

Main aim of this web application is to make an user friendly platform where, various tiffin providers and tiffin users can interact with each other. It is accessible to everyone who are interested.

BENEFITS OF THIS SYSTEM:-

This system will reduce the complexity of employee management.

- By using this system we can easily maintain all the records about Customers.
- It will reduce search time.
- It can be easily handled by the person who have elementary knowledge of computer because it provides an user friendly environment.
- It's hardware and software configuration is not very costly that means The hardware and and software requirement for this software/project are not very costly.

GENERAL OBJECTIVES-

- To increase efficiency and improve services provided to the customers through better application of technology in daily operations.

SPECIFIC OBJECTIVES-

- To enable customers to order custom meals that aren't in the menu
- To enable customers to have a visual confirmation that the order was placedcorrectly.
- To enable customers to know food ingredients before ordering
- To reduce restaurant's food wastage
- To ensure correct placement of orders through visual confirmation
- To Improve efficiency.
- Eliminate paper work and increase level of accuracy
- Increase speed of service, sales volume and customer satisfaction

JUSTIFICATION-

- To increase efficiency by shortening the purchasing time and eliminating paper work like receipts through online transaction
- To be able to stand out from competitors by automating daily operations whichwill give food service providers the opportunity to increase sales

- To reduce restaurants food wastage and increasing efficiency of the restaurantsstaff by enabling the restaurants staff to know what food items the customers wantin advance.
- To increase customer satisfaction by speeding up food delivery.

LIMITATION OF SYSTEM-

User must be computer literate.

Chapter-2

2. Feasibility Study

Before recommending the new system, it is necessary to investigate whether it is possible as well as feasible to develop the new system. The important outcome of this preliminary investigation is the determination of whether the proposed system is feasible for target user or not. Feasibility & Risk analysis are related in many ways. If project risk is great, the feasibility of producing quality software is required.

The feasible analysis was carried out which involved following steps:

- Identification of servers user need.
- Identification of how different tasks are carried out for keeping record of client user activities.
- Identifying whether the proposed system can meet user's need.
- And finally proving the system technically, financially & operational feasible.

2.1 Economic Feasibility:

It includes an evaluation of development cost weight against the ultimate income or benefit derived from the developed system or product.

The approximate cost of this project will be definitely less than any other software with this kind of reliability, ease, functionality & feasibility since the application does not require any extra hardware or any supporting software.

2.2: Technical Feasibility:

Technical analysis begins with an assessment of the technical viability of proposed system.

What technologies are required to accomplish system functions and requirements?

Which other resources (hardware and software) are available to build the system?

The system is developed using MySQL and Python.

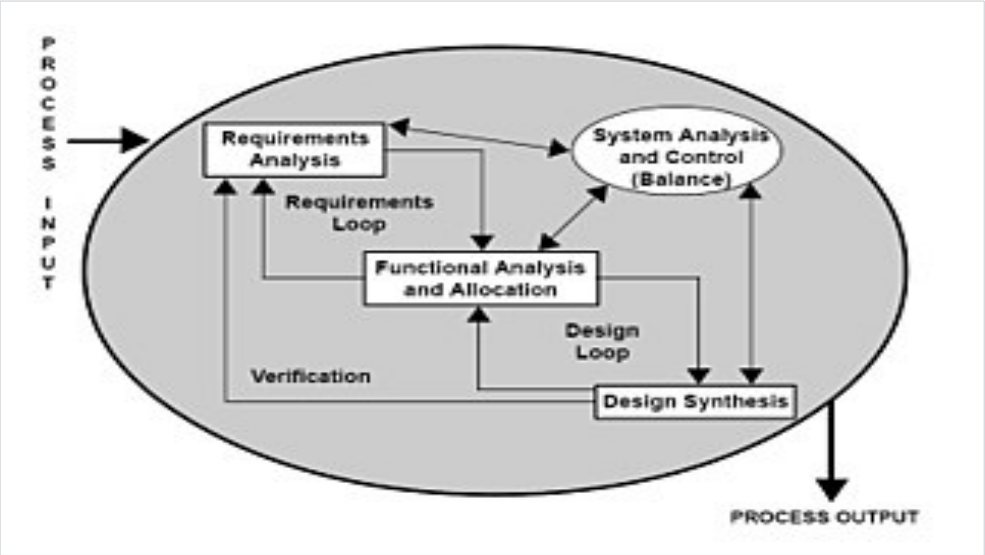
2.2:3Operational Feasibility:

In this type of feasibility study, the operational implementation of the system is considered. Checking is done regarding whether it is feasible for the user to use the software or will there be any instance from the user.

Proposed system is beneficial only if they can turn in to information system that will meet user’s requirement. That is new in the new developing world with the automatic capturing image and automatic saving the data. The users ease with minimum effort to keep the record hence it is operationally feasible.

Chapter-3

Requirement Analysis



In system engineering and software engineering, requirements analysis encompasses those tasks that go into determining the needs or conditions to meet for a new or altered product or project, taking account of the possibly conflicting requirements of the various stakeholders, *analyzing, documenting, validating and managing* software or system requirements.

There are three main activities that are performed in requirement analysis.

- **Requirement Anticipation:**

  It means the study done by the system analyst. In this case system analyst raised the question and applies methods to solve that question based on his/her past experiences.

- **Requirement Investigation:**

  This method is related with finding and investing more features of the system. We have collected information about our system by using fact finding methods like observation and questioning clients.

- **Requirement Specification:**

A Requirement Specification is an agreement between the developer and the user. The clients specified their requirements to us and we selected a strategy in which he tries to fulfill their requirements.

Chapter-4

Hardware/Software requirements specification

HARDWARE REQUIREMENTS:

• Processor : Intel Pentium And Above Version

• Speed : 1.60 GHz and Above

• Hard Disk : 20GB And Above

• Key Board : Standard 2.4

• 1024 * 768 Minimum Screen Resolution

SOFTWARE REQUIREMENTS:

• Operating System : Windows XP and Above,Ubuntu, Simplified Linux Setup ,Mac OS X

• Data Base :MySQL

• Tools : pycharm-community-2018.2.3,HTML,CSS,Javascript.

Python 2: versions 2.6 and 2.7

Python 3: from the version 3.4 up to the version 3.7

Jython, PyPy or IronPython are required for Python development.

Chapter-5
Technology Overview

The technology selected for implementing Online Tiffing Booking System is Python/MYSQL. Apache is used as the HTTP server.The development was done in a Linux environment using pycharm-community-2018.2.3

1.Python

Python is a popular programming language. It was created in 1991 by Guido van Rossum.

It is used for:

- web development (server-side),
- software development,
- mathematics,
- system scripting.

What can Python do?

- Python can be used on a server to create web applications.
- Python can be used alongside software to create workflows.
- Python can connect to database systems. It can also read and modify files.
- Python can be used to handle big data and perform complex mathematics.
- Python can be used for rapid prototyping, or for production-ready software development.

Why Python?

- Python works on different platforms (Windows, Mac, Linux, Raspberry Pi, etc).
- Python has a simple syntax similar to the English language.

•Python has syntax that allows developers to write programs with fewer lines than some other programming languages.

•Python can be treated in a procedural way, an object-orientated way or a functional way.

2.MySQL

MySQL is a relational database management system (RDBMS) that runs as a server providing multi-user access to a number of databases. MySQL is a popular choice of database for use in web applications and is an open source product. The process of setting up a MySQL database varies from host to host, however we will end up with a database name, a user name and a password. Before using ourdatabase, we must create a table. A table is a section of the database for storing related information. In a table we will set up the different fields which will be used in that table.

Facts About MySQL Database:

MySQL is the de-facto standard database system for web sites with HUGE volumes of both data and end-users (like Facebook, Twitter, and Wikipedia).

Another great thing about MySQL is that it can be scaled down to support embedded database applications.

Download and install PyCharm

PyCharm is available in three editions: Professional, Community, and Educational (Edu). The Community and Edu editions are open-source projects and they are free, but they has less features. PyCharm Edu provides courses and helps you learn programming with Python. The Professional edition is commercial, and provides an outstanding set of tools and features.
To install PyCharm

1.Download PyCharm for your operating system.
2.Do the following depending on your operating system:

•**Windows installation**:
1.Run the PyCharm-*.exe file you've downloaded.

2.Follow the instructions in the installation wizard.

•**MacOS installation**:

1.Open the PyCharm-*.dmg package that you've downloaded, and drag PyCharm to the Applications folder

•**Linux installation**:

1.Ubuntu installation:

For Ubuntu 16.04 and higher, you can use snap packages to install PyCharm

Run the following command:

sudo snap install <pycharm-professional,·pycharm-community, or·pycharm-educational>--classic

Next, run pycharm-professional, pycharm-community, or pycharm-educational in the Terminal.

2.If snap packages are not available, unpack the pycharm-*.tar.gz file to a different folder, if your current Download folder doesn't support file execution:

tar xfz pycharm-*.tar.gz -C <new_archive_folder>

The recommended installation location according to the filesystem hierarchy standard (FHS) is /opt. To install PyCharm into this directory, enter the following command:

sudo tar xfz pycharm-*.tar.gz -C /opt/

3.Switch to the bin subdirectory:

cd <new archive folder>/pycharm-*/bin

For example,

cd /opt/pycharm-*/bin

4.Run pycharm.sh from the bin subdirectory.

JRE for 32-bit systems is not bundled with PyCharm. If you are using a 32-bit version of Windows, select the **Download and install JRE x86 by Jetbrains** checkbox in the installation wizard to automatically download and install JRE

Select the user interface theme

Next, you will be prompted to select the UI theme. You can choose between the Default and the Darcula themes.

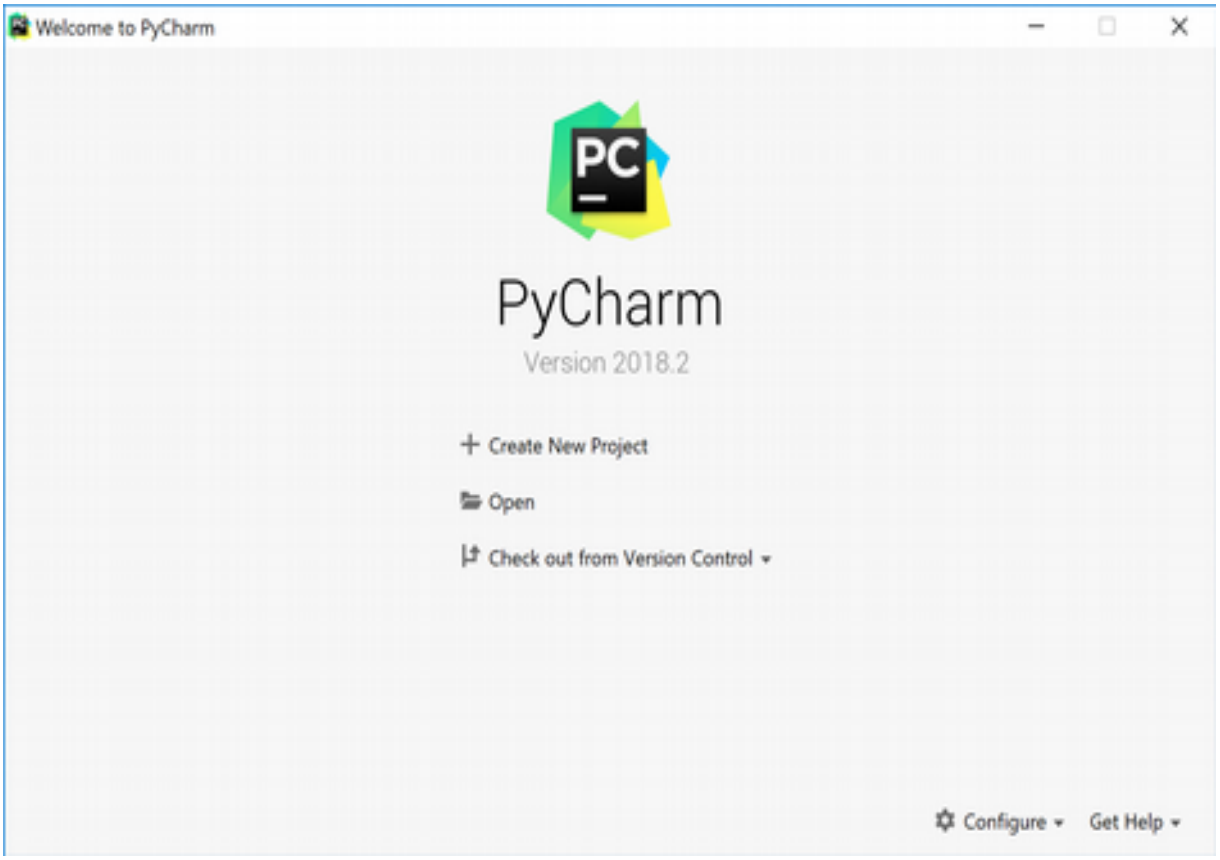
Download and install additional plugins

On the next step, PyCharm prompts you to download and install additional plugins from the PyCharm plugings repositary

Start a project in PyCharm

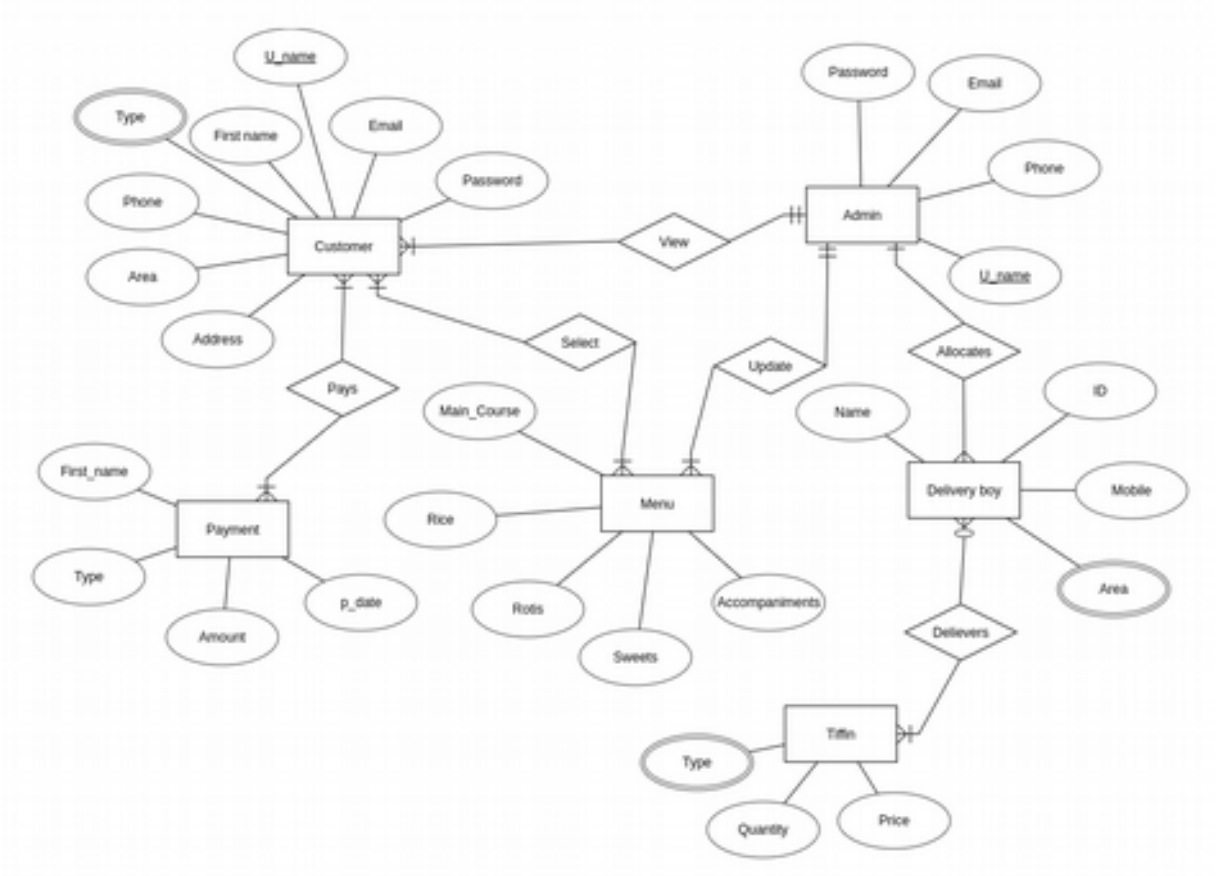
After you have completed initial PyCharm configuration, the Welcome screen will be displayed. It allows you to:

Open an existing project or check out an existing project from a version control system (clone from remote repository)


Welcome to PyCharm
PyCharm
Version 2018.2
Create New Project
Open
Check out from Version Control
Configure
Get Help

Chapter-6

6.Conceptual and logical designs



Chapter-7

7.Logical Design

Database normalization is a database schema design technique, by which an existing schema is modified to minimize redundancy and dependency of data

Normalization split a large table into smaller tables and define relationships between them to increases the clarity in organizing data.

First Normal Form (1NF)

Each column is unique in 1NF.

Second Normal Form (2NF)

The entity should be considered already in 1NF, and all attributes within the entity should depend solely on the unique identifier of the entity.

Third Normal Form (3NF)

The entity should be considered already in 2NF, and no column entry should be dependent on any other entry (value) other than the key for the table.

If such an entity exists, move it outside into a new table.

We normalized our database till 3 rd Normal form.

1.Sign Up Table

mysql> desc sign_up;

+-----------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+------------+--------------+------+-----+---------+-------+

| first_name | varchar(100) | YES | | NULL | |

| email | varchar(100) | NO | | NULL | |

| phone | varchar(100) | NO | | NULL | |

| area | varchar(100) | YES | | NULL | |

| address | varchar(100) | YES | | NULL | |

| password | varchar(100) | YES | | NULL | |

| type | varchar(100) | YES | | NULL | |

| U_name | varchar(100) | YES | UNI | NULL | |

+------------+--------------+------+-----+---------+-------+

8 rows in set (0.06 sec)

2.Login Table

mysql> desc login;

+----------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------+-------------+------+-----+---------+-------+

| fname | varchar(25) | YES | | NULL | |

| password | varchar(25) | YES | | NULL | |

+----------+-------------+------+-----+---------+-------+

2 rows in set (0.00 sec)

3.Admin Main Table

mysql> desc admin_main;

+------------+-------------+------+-----+-----------------+---------------------------+

| Field | Type | Null | Key | Default | Extra |

+------------+-------------+------+-----+-----------------+---------------------------+

| Sr_no | int(100) | NO | PRI | NULL | auto_increment |

| Main_Course | varchar(100) | YES | | NULL | |

| price | int(100) | YES | | NULL | |

| Date | date | YES | | NULL | |

| Time | timestamp | NO | | CURRENT_TIMESTAMP | on update CURRENT_TIMESTAMP |

+------------+-------------+------+-----+-----------------+---------------------------+

5 rows in set (0.00 sec)

4.Admin Rice Table

mysql> desc admin_rice;

+-------+-------------+------+-----+-----------------+---------------------------+

| Field | Type | Null | Key | Default | Extra |

+-------+-------------+------+-----+-----------------+---------------------------+

| Sr_no | int(100) | NO | PRI | NULL | auto_increment |

| Rice | varchar(100) | YES | | NULL | |

| price | int(100) | YES | | NULL | |

| Date | date | YES | | NULL | |

| Time | timestamp | NO | | CURRENT_TIMESTAMP | on update CURRENT_TIMESTAMP |

+-------+-------------+------+-----+-----------------+---------------------------+

5 rows in set (0.00 sec)

5.Admin Rotis Table

mysql> desc admin_rotis;

+-------+-------------+------+-----+-----------------+---------------------------+

| Field | Type | Null | Key | Default | Extra |

+-------+-------------+------+-----+-----------------+---------------------------+

| Sr_no | int(100) | NO | PRI | NULL | auto_increment |

| Rotis | varchar(100) | YES | | NULL | |

| price | int(100) | YES | | NULL | |

| Date | date | YES | | NULL | |

| Time | timestamp | NO | | CURRENT_TIMESTAMP | on update CURRENT_TIMESTAMP |

+-------+-------------+------+-----+-----------------+---------------------------+

5 rows in set (0.01 sec)

6.Admin Sweets

mysql> desc admin_sweets;

+--------+-------------+------+-----+-----------------+---------------------------+

| Field | Type | Null | Key | Default | Extra |

+--------+-------------+------+-----+-----------------+---------------------------+

| Sr_no | int(100) | NO | PRI | NULL | auto_increment |

| Sweets | varchar(100) | YES | | NULL | |

| price | int(100) | YES | | NULL | |

| Date | date | YES | | NULL | |

| Time | timestamp | NO | | CURRENT_TIMESTAMP | on update CURRENT_TIMESTAMP |

+--------+-------------+------+-----+-----------------+---------------------------+

5 rows in set (0.01 sec)

7.Admin Accompaniments

mysql> desc admin_accompaniments;

```
+---------------+-------------+------+-----+------------------+----------------------------+
| Field         | Type        | Null | Key | Default          | Extra                      |
+---------------+-------------+------+-----+------------------+----------------------------+
| Sr_no         | int(100)    | NO   | PRI | NULL             | auto_increment             |
| Accompaniments | varchar(100) | YES  |     | NULL             |                            |
| price         | int(100)    | YES  |     | NULL             |                            |
| Date          | date        | YES  |     | NULL             |                            |
| Time          | timestamp   | NO   |     | CURRENT_TIMESTAMP | on update CURRENT_TIMESTAMP |
+---------------+-------------+------+-----+------------------+----------------------------+
```

8.Full main Table

mysql> desc full_main;

```
+-------------+-------------+------+-----+---------+-------+
| Field       | Type        | Null | Key | Default | Extra |
+-------------+-------------+------+-----+---------+-------+
| U_name      | varchar(100) | NO   |     | NULL    |       |
| Date        | date        | YES  |     | NULL    |       |
| Main_course | varchar(100) | YES  |     | NULL    |       |
| Quantity    | int(25)     | YES  |     | NULL    |       |
| Cost        | varchar(100) | YES  |     | NULL    |       |
+-------------+-------------+------+-----+---------+-------+
```

5 rows in set (0.00 sec)

9.Full Rice Table

mysql> desc full_extra_rice;

```
+----------+--------------+------+-----+---------+-------+
| Field    | Type         | Null | Key | Default | Extra |
+----------+--------------+------+-----+---------+-------+
| U_name   | varchar(25)  | YES  |     | NULL    |       |
| Date     | date         | YES  |     | NULL    |       |
| Rice     | char(25)     | YES  |     | NULL    |       |
| Quantity | int(25)      | YES  |     | NULL    |       |
| Cost     | varchar(100) | YES  |     | NULL    |       |
+----------+--------------+------+-----+---------+-------+
```

5 rows in set (0.00 sec)

10.Full Rotis Table

mysql> desc full_extra_rotis;

```
+----------+--------------+------+-----+---------+-------+
| Field    | Type         | Null | Key | Default | Extra |
+----------+--------------+------+-----+---------+-------+
| U_name   | varchar(25)  | YES  |     | NULL    |       |
| Date     | date         | YES  |     | NULL    |       |
| Rotis    | char(25)     | YES  |     | NULL    |       |
| Quantity | int(25)      | YES  |     | NULL    |       |
```

| Cost | varchar(100) | YES | | NULL | |

+----------+--------------+------+-----+---------+-------+

5 rows in set (0.01 sec)

11.Full Sweets Table

mysql> desc full_extra_sweets;

+----------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------+--------------+------+-----+---------+-------+

| U_name | varchar(25) | YES | | NULL | |

| Date | date | YES | | NULL | |

| Sweets | char(25) | YES | | NULL | |

| Quantity | int(25) | YES | | NULL | |

| Cost | varchar(100) | YES | | NULL | |

+----------+--------------+------+-----+---------+-------+

5 rows in set (0.01 sec)

12.Full Accompaniments Table

mysql> desc full_extra_ accompaniments;

+----------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------+--------------+------+-----+---------+-------+

| U_name | varchar(25) | YES | | NULL | |

| Date | date | YES | | NULL | |

| Accompaniments | char(25) | YES | | NULL | |

| Quantity | int(25) | YES | | NULL | |

| Cost | varchar(100) | YES | | NULL | |

+----------+--------------+------+-----+---------+-------+

5 rows in set (0.01 sec)

13.Half main Table

mysql> desc half_main;

+-------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------------+--------------+------+-----+---------+-------+

| U_name | varchar(100) | NO | | NULL | |

| Date | date | YES | | NULL | |

| Main_course | varchar(100) | YES | | NULL | |

| Quantity | int(25) | YES | | NULL | |

| Cost | varchar(100) | YES | | NULL | |

+-------------+--------------+------+-----+---------+-------+

5 rows in set (0.00 sec)

14.Half Rice Table

mysql> desc half_extra_rice;

+----------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------+--------------+------+-----+---------+-------+

| U_name | varchar(25) | YES | | NULL | |

| Date | date | YES | | NULL | |

| Rice | char(25) | YES | | NULL | |

| Quantity | int(25) | YES | | NULL | |

| Cost | varchar(100) | YES | | NULL | |

+----------+--------------+------+-----+---------+-------+

5 rows in set (0.00 sec)

15.Half Rotis Table

mysql> desc half_extra_rotis;

+----------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------+--------------+------+-----+---------+-------+

| U_name | varchar(25) | YES | | NULL | |

| Date | date | YES | | NULL | |

| Rotis | char(25) | YES | | NULL | |

| Quantity | int(25) | YES | | NULL | |

| Cost | varchar(100) | YES | | NULL | |

+----------+--------------+------+-----+---------+-------+

5 rows in set (0.01 sec)

16.Half Sweets Table

mysql> desc half_extra_sweets;

+----------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------+--------------+------+-----+---------+-------+

| U_name | varchar(25) | YES | | NULL | |

| Date | date | YES | | NULL | |

| Sweets | char(25) | YES | | NULL | |

| Quantity | int(25) | YES | | NULL | |

| Cost | varchar(100) | YES | | NULL | |

+----------+--------------+------+-----+---------+-------+

5 rows in set (0.01 sec)

17.Half Accompaniments Table

mysql> desc half_extra_ accompaniments;

+----------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------+--------------+------+-----+---------+-------+

| U_name | varchar(25) | YES | | NULL | |

| Date | date | YES | | NULL | |

| Accompaniments | char(25) | YES | | NULL | |

| Quantity | int(25) | YES | | NULL | |

| Cost | varchar(100) | YES | | NULL | |

+----------+--------------+------+-----+---------+-------+

5 rows in set (0.01 sec)

18.Guest main Table

mysql> desc guest_main;

```
+------------+-------------+------+-----+---------+-------+
| Field      | Type        | Null | Key | Default | Extra |
+------------+-------------+------+-----+---------+-------+
| U_name     | varchar(100) | NO   |     | NULL    |       |
| Date       | date        | YES  |     | NULL    |       |
| Main_course | varchar(100) | YES  |     | NULL    |       |
| Quantity   | int(25)     | YES  |     | NULL    |       |
| Cost       | varchar(100) | YES  |     | NULL    |       |
+------------+-------------+------+-----+---------+-------+
```

5 rows in set (0.00 sec)

19.Guest Rice Table

mysql> desc guest_rice;

```
+----------+-------------+------+-----+---------+-------+
| Field    | Type        | Null | Key | Default | Extra |
+----------+-------------+------+-----+---------+-------+
| U_name   | varchar(25)  | YES  |     | NULL    |       |
| Date     | date        | YES  |     | NULL    |       |
| Rice     | char(25)    | YES  |     | NULL    |       |
| Quantity | int(25)     | YES  |     | NULL    |       |
| Cost     | varchar(100) | YES  |     | NULL    |       |
```

+----------+--------------+------+-----+---------+-------+

5 rows in set (0.00 sec)

20.Guest Rotis Table

mysql> desc guest_rotis;

+----------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------+--------------+------+-----+---------+-------+

| U_name | varchar(25) | YES | | NULL | |

| Date | date | YES | | NULL | |

| Rotis | char(25) | YES | | NULL | |

| Quantity | int(25) | YES | | NULL | |

| Cost | varchar(100) | YES | | NULL | |

+----------+--------------+------+-----+---------+-------+

5 rows in set (0.01 sec)

21.Full Sweets Table

mysql> desc guest_sweets;

+----------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------+--------------+------+-----+---------+-------+

| U_name | varchar(25) | YES | | NULL | |

| Date | date | YES | | NULL | |

| Sweets | char(25) | YES | | NULL | |

| Quantity | int(25) | YES | | NULL | |

| Cost | varchar(100) | YES | | NULL | |

+----------+--------------+------+-----+---------+-------+

5 rows in set (0.01 sec)

22.Guest Accompaniments Table

mysql> desc guest_ accompaniments;

+----------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------+--------------+------+-----+---------+-------+

| U_name | varchar(25) | YES | | NULL | |

| Date | date | YES | | NULL | |

| Accompaniments | char(25) | YES | | NULL | |

| Quantity | int(25) | YES | | NULL | |

| Cost | varchar(100) | YES | | NULL | |

+----------+--------------+------+-----+---------+-------+

5 rows in set (0.01 sec)

23.Delievery Boy Details Table

mysql> desc delievery_boy_details;

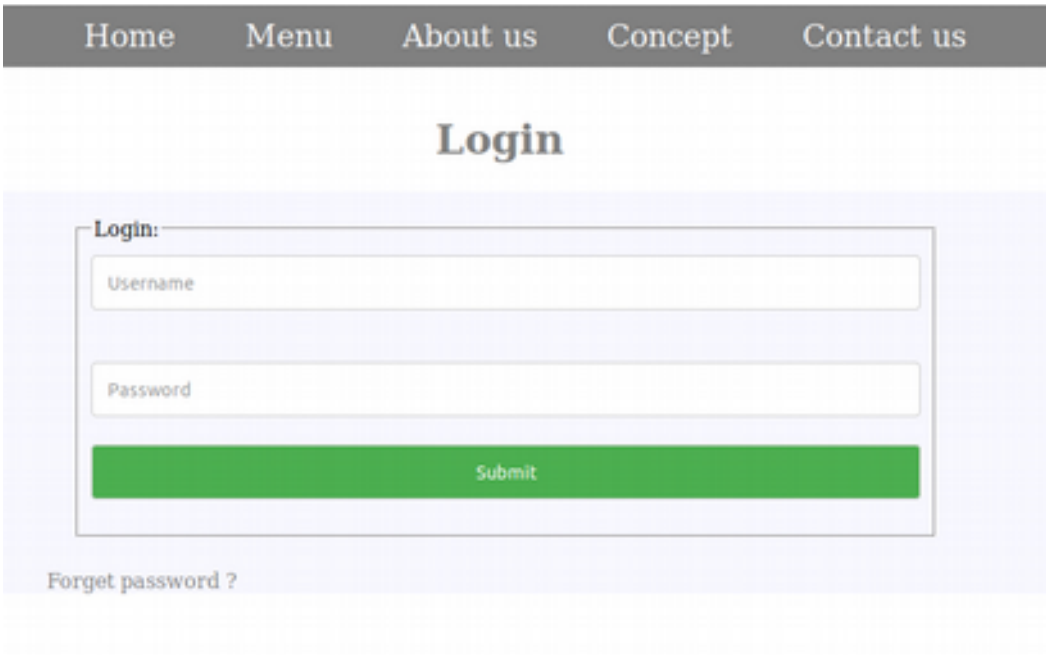
```
+--------+-------------+------+-----+---------+-------+
| Field  | Type        | Null | Key | Default | Extra |
+--------+-------------+------+-----+---------+-------+
| ID     | varchar(100) | YES |     | NULL    |       |
| Name   | varchar(100) | YES |     | NULL    |       |
| Area1  | varchar(100) | YES |     | NULL    |       |
| Area2  | varchar(100) | YES |     | NULL    |       |
| Area3  | varchar(100) | YES |     | NULL    |       |
| Area4  | varchar(100) | YES |     | NULL    |       |
| Mobile | varchar(100) | YES |     | NULL    |       |
+--------+-------------+------+-----+---------+-------+
7 rows in set (0.00 sec)
```

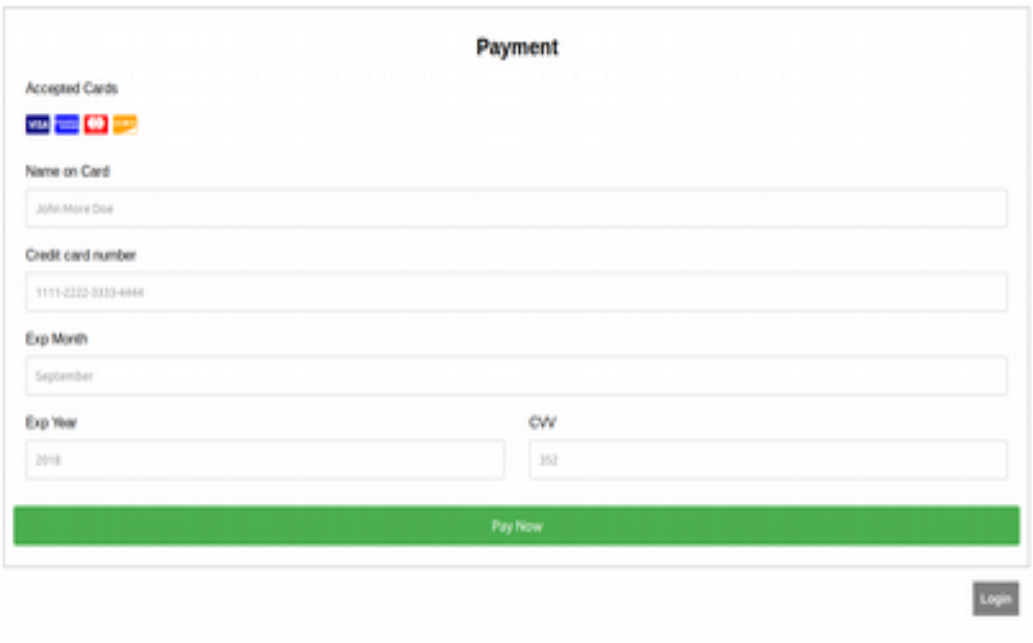
24.Payment table

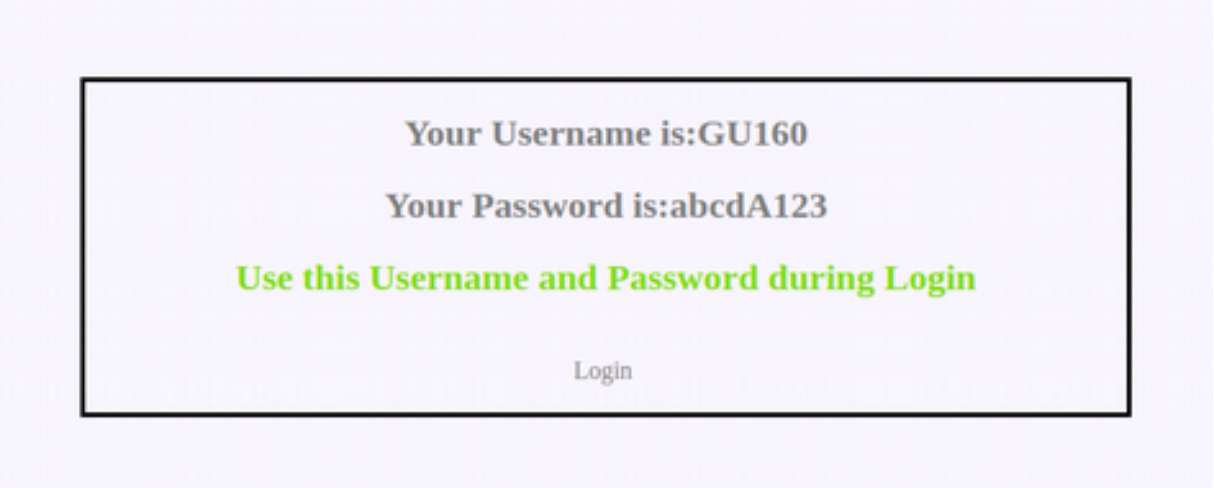
```
mysql> desc payment;
+------------+-------------+------+-----+---------+-------+
| Field      | Type        | Null | Key | Default | Extra |
+------------+-------------+------+-----+---------+-------+
| first_name | varchar(100) | YES |     | NULL    |       |
| pdate      | date        | YES |     | NULL    |       |
| amount     | int(100)    | YES |     | NULL    |       |
| type       | varchar(100) | YES |     | NULL    |       |
+------------+-------------+------+-----+---------+-------+
```

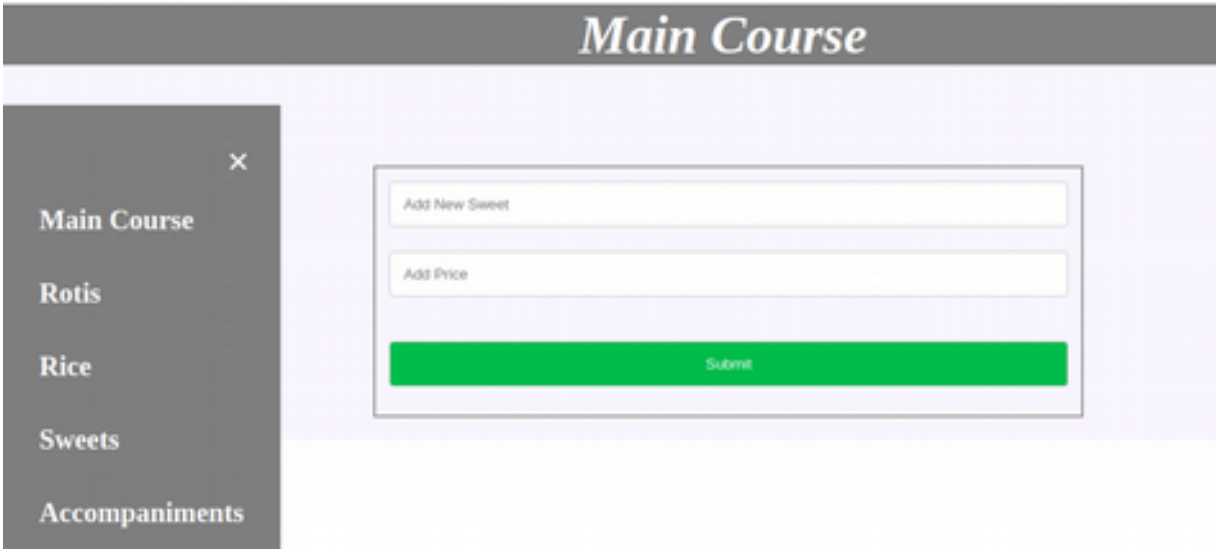
Chapter-8

8.Graphical User Interface






Your Username is:GU160
Your Password is:abcdA123
Use this Username and Password during Login
Login


Main Course
×
Main Course
Rotis
Rice
Sweets
Accompaniments
Add New Sweet
Add Price
Submit

Chapter-9

9.Source code

sign_up.html

```
<!DOCTYPE html>
<html>
<script>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
 <style>
.dropdown-submenu {
    position: relative;
}

.dropdown-submenu .dropdown-menu {
    top: 0;
```

```
    left: 100%;
    margin-top: -1px;
}

body {margin:0;}
.div1 {
      margin-left:300px;
}
/*.navbar {
  overflow: hidden;
  background-color: #2db300;
  position: relative;
  top: 100;
  width: 100%;
}*/

.wrapper {
 /* padding-top: 5px;*/
  width: 100%;
  margin: 0 auto;
  overflow: hidden;

}
.menu {
  background:#808080;

}
.menu ul {
  margin-left: 0;
  list-style: none;
  text-align: center;
}
```

```
.menu ul li {
  display: inline-block;
}
.menu ul li a {
  display: block;
  padding: 10px;
  color: white;
  text-decoration: none;
  padding-right:25px;
  padding-left:25px;
}
.menu ul li a:hover {
  background: #9ACD32;
  color: white;
}

input {

    /*width: 100%;*/
    padding: 12px;
    border: 1px solid #ccc;
    border-radius: 4px;
    box-sizing: border-box;
    margin-top: 6px;
    margin-bottom: 16px;
}

/* Style the submit button */
input[type=submit] {
    background-color: #4CAF50;
    color: white;
}
```

```
/* Style the container for inputs */
.container {
   width: 65%;
   background-color:#F8F8FF;
   padding: 15px;
}

/* The message box is shown when the user clicks on the password field */
#message {
   display:none;
   background: #f1f1f1;
   color: #000;
   position: relative;
   padding: 20px;
   margin-top: 10px;
}

#message p {
   padding: 10px 35px;
   font-size: 18px;
}

/* Add a green text color and a checkmark when the requirements are right */
.valid {
   color: green;
}

.valid:before {
   position: relative;
   left: -35px;
   content: "✔";
```

```
}

/* Add a red text color and an "x" when the requirements are wrong */
.invalid {
    color: red;
}

.invalid:before {
    position: relative;
    left: -35px;
    content: "✖";
}

.error{
      font-family:Arial;
      size:10px;
      color:red;
}

select#soflow, select#soflow-color {
   -webkit-appearance: button;
   -webkit-border-radius: 5px;
   -webkit-box-shadow: 0px 1px 3px rgba(0, 0, 0, 0.1);
   -webkit-padding-end: 20px;
   -webkit-padding-start: 2px;
   -webkit-user-select: none;
      background-image:  url(http://i62.tinypic.com/15xvbd5.png),  -webkit-linear-
      gradient(#FAFAFA, #F4F4F4 40%, #E5E5E5);
   background-position: 100% center;
   background-repeat: no-repeat;
   border: 1px solid #AAA;
   color: #555;
```

```
  font-size: inherit;
  margin: 5px;
  margin-right:5px;
  overflow: hidden;
  padding: 10px ;
  text-overflow: ellipsis;
  white-space: nowrap;
  width: 96%;
}

select#soflow1, select#soflow1-color {
  -webkit-appearance: button;
  -webkit-border-radius: 5px;
  -webkit-box-shadow: 0px 1px 3px rgba(0, 0, 0, 0.1);
  -webkit-padding-end: 20px;
  -webkit-padding-start: 2px;
  -webkit-user-select: none;
    background-image:  url(http://i62.tinypic.com/15xvbd5.png),  -webkit-linear-
    gradient(#FAFAFA, #F4F4F4 40%, #E5E5E5);
  background-position: 100% center;
  background-repeat: no-repeat;
  border: 1px solid #AAA;
  color: #555;
  font-size: inherit;
  margin: 5px;
  margin-right:5px;
  overflow: hidden;
  padding: 10px ;
  text-overflow: ellipsis;
  white-space: nowrap;
  width: 96%;
}
```

```
.div8
{
   background-color:#F8F8FF;
}
</style>
</head>
<title>
Sign up
</title>
<body>
<div>
<img  src="{{url_for('static',filename='logo.png')}}"  hspace="10"  vspace="10"
     width=150 height=150>
<!--<h1 style="margin-top:0px; text-align:center">Pune tiffins</h1>-->
</div>
<div class="wrapper">
  <div class="menu">
    <ul>
      <li><a href=""><font size="5">Home</font></a>
      </li>
      <li><a href=""><font size="5">Menu</font></a>
      </li>
      <li><a href=""><font size="5">About us</font></a>
      </li>
      <li><a href=""><font size="5">Concept</font></a>
      </li>
      <li><a href=""><font size="5">Contact us</font></a>
      </li>
    </ul>
  </div>
</div>
```

```
<h1 style="color:gray"><center>Create a new Account</center></h1>
<div class="div8">
<br>
<div class="div1">
<div class="container">
<form name="myForm"
onsubmit="return validateForm()" method="post" autocomplete="off">

<fieldset>
<legend>Personalia:</legend>
<input style="width: 600px" type="text" name="fname" placeholder="Your
    Name" required>
<br>
<input style="width: 600px"  type="text" name="email" placeholder="Email
    address" required> <span class="error" id="invalid_Email" ></span>
<br>
<input style="width: 600px" type="text" name="phone" placeholder="Mobile
    number"required> <span class="error" id="invalid_Mobile" ></span>
<br>
<br>

<select id="soflow"
name="area">
  <option>Select an Area</option>
  <option>Ambegoan</option>
  <option>Aundh</option>
  <option>Baner</option>
  <option>Bavdhan</option>
  <option>Bibvewadi</option>
  <option>Bhosari</option>
  <option>Chakan</option>
```

<option>Chikhali</option>
<option>Chinchwad</option>
<option>Dapodi</option>
<option>Dehu road</option>
<option>Dhankawadi</option>
<option>Dhayari</option>
<option>Erandwane</option>
<option>Fursungi</option>
<option>Ganesh Khind</option>
<option>Ghorpadi</option>
<option>Hadapsar</option>
<option>Hinjawadi</option>
<option>Kasarwadi</option>
<option>Katraj</option>
<option>Khadaki</option>
<option>Kharadi</option>
<option>Kondhawa</option>
<option>Koregaon park</option>
<option>Kotharud</option>
<option>Moshi</option>
<option>Mundhawa</option>
<option>Nigadi</option>
<option>Pashan</option>
<option>Pimple Gurav </option>
<option>Pimpri</option>
<option>Sangvi</option>
<option>Saswad</option>
<option>Swarget</option>
<option>Undri</option>
<option>Vishrantwadi</option>
<option>Vitthalwadi</option>
<option>Wadgoan Sheri</option>

```
 <option>Wagholi</option>
 <option>Wakad</option>
 <option>Wanwadi</option>
 <option>Warje</option>
 <option>Yerwada</option>
</select>
<br>
<br>
<input style="width: 600px" type="text" name="address"
    placeholder="Address"required> <span class="error" id="invalid_address"
    ></span>
<br>
 <select id="soflow1"
name="type">
 <option>Select an option</option>
 <option>Guest</option>
 <option>Monthly full tiffin</option>
  <option>Monthly half tiffin</option>
 </select>

<br>
 <br>
<input style="width: 600px" type="password" name="password" id="password"
    pattern="(?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{8,}" title="Must contain at least
    one number and one uppercase and lowercase letter, and at least 8 or more
    characters" placeholder="Password"required>
<br>
<input style="width: 600px" type="password" name="confirm password"
    placeholder="Confirm Password"  title="Must contain at least one number
    and one uppercase and lowercase letter, and at least 8 or more characters"
    required><span class="error" id="confirm password"></span>
<br>
```

```
        <a href="username" ><input style="width: 600px" type="submit"
      value="Submit"></a>
</fieldset>
</form>
</div>
<br>
</div>
<script>
function validateForm() {
    var x = document.forms["myForm"]["fname"].value;
    if (x == "") {
        alert("Name must be filled out");
        return false;
    }

    var y = document.forms["myForm"]["email"].value;
    var a = y.indexOf("@");
    var b = y.lastIndexOf(".");
    if (a<1 || a>b || b<=a+5 || b+2>y.length) {
        /*alert("Not a valid e-mail address");*/
      document.getElementById("invalid_Email").innerHTML="Wrong
      email.Please Reenter";
        return false;
    }
    var p = document.forms["myForm"]["phone"].value;
    if(p.length!=10)
    {
            document.getElementById("invalid_Mobile").innerHTML="Phone  No
      must be of 10 digit.Please Reenter";
        return false;
    }
    var x = document.forms["myForm"]["address"].value;
```

```
    if (x == "") {
        alert("Address must be filled out");
        return false;
    }
    {
        var password = document.forms["myForm"]["password"].value;
                    var confirmPassword = document.forms["myForm"]["confirm
      password"].value;
        if (password != confirmPassword) {
       //   alert("Passwords do not match.");
      document.getElementById("confirm password").innerHTML="Passwords do
      not match.";
        return false;
        }
        alert("Account created Successfully");
    }
}
</script>
</div>
</div>
</body>
</html>
```

Chapter-10

10.Testing Document

10.1 Introduction:

The Testing phase forms an important part of the software development life cycle. Any software product has to be tested thoroughly before it is delivered to the end customer. Well tested software with limited features is certainly better than the one having many features with only a few of them working. This document provides a general overview of the testing strategy adopted for testing our product.

10.2 Goals and Objectives:

The software testing involves verification and validation of the software produced. Testing is a process of executing of program with the intent of finding an error. A good test is one where there is high probability of finding an error. A successful test is one which uncovers and as yet undiscovered errors. Our objective of testing is systematically uncovering different classes of errors and to do so with minimum efforts and amount of time and effort. The data collected in the test provides a good indication of the software reliability and some indication of software quality as a whole. The results of testing will not only help to know which parts of system are working below average but also helps to make the system more user friendly. Testing is considered as an unavoidable part of any responsible effort to develop a software system.

10.3 Test Plan:

Testing Strategy

A good testing strategy is one using which a lot of errors can be easily found. The testing which is to be carried out is divided into number of modules for a proper judgment of the quality of the software. The testing strategy mainly carried out was Module Testing.

Test cases are plotted considering the above categories and correct functionality of various parts of code is ensured.

Unit Testing

This involves testing of individual modules. Here we have tested Individual modules written for various operations,

1. Module for Insert Record
2. Module for Update Record
3. Module for Delete Record
4. Module for Search Record
5. Module for Show Previous Records

6. Integration Testing

The system as a whole is tested here. The system is said to be operating correctly if it passes these tests. After the different modules have been developed and tackled, all the modules are integrated and tested during the Integration testing.

TEST CASE TEMPLATE

A test case can have the following elements. Note, however, that normally a test management tool is used by companies and the format is determined by the tool used.

Test Case Summary	The summary / objective of the test case.
Prerequisites	Any prerequisites or preconditions that must be fulfilled prior to executing the test.
Test Data	The test data, or links to the test data, that are to be used while conducting the test.
Expected Result	The expected result of the test.
Actual Result	The actual result of the test; to be filled after executing the test.
Status	Pass or Fail. Other statuses can be 'Not Executed' if testing is not performed and 'Blocked' if testing is blocked.

TEST CASE EXAMPLE / TEST CASE SAMPLE

Test Case Summary	To verify that If the username & password is valid, then successfully log in into Admin Home Page.
Prerequisites	1. User is authorized.
Test Procedure	1. Enter the Usename(Provided at the time of sign_up) and password in the usename and password field. 2. Click on Submit in button.
Test Data	1. Username : admin Password:Pvgcoet@it1
Expected Result	1. If the specified credential is valid, then successfully log in into Admin Home Page.

Actual Result	1. If the specified credential is valid, then successfully log in into the system. 2. If the specified credential is invalid, nothing happens ,the expected message is invalid user name or password displayed on same page

Chapter -11

11. Future Enhancement

• Should allow Computer Science students to browse through the code and application: This can be achieved when students are able to run and install the application. When they run the application, they can browse through the implementation of different objects.

• Should allow users to browse through different product categories: This is achieved through an easy to use graphical interface menu options.

• Should allow users to save items to the cart and view detailed information about the order: The users can add any number of items to the cart from any of the available food categories by simply clicking the Add to Cart button for each item. Once item is added to the cart, user is presented with detailed order to review or continue shopping.

• Should allow the user to CheckOut the item(s): This is achieved using the “Proceed to checkout button” in the cart initially and then “CheckOut” button at last step after “review Order” step.. Button is disabled when there are no items in the cart.

• Should allow the user to process the payment: This is achieved when user selects “Processed to Checkout” button and fill up the Payment information details

Chapter -12

12. Conclusion

As, considering our system, we conclude that using our system we can maintain all the records and perform operations like Inserting of data, Updating our data, perform search operation, display existing and new records . The system can be effectively used by Tiffin Management companies.

When our system starts it performs so many different types of tasks and operations accessing the database defined by the creator and can perform inserting,updating and deletion in the database easily and effectively reflect it.

Chapter -13

13. Bibilography

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3. www.w3schools.com

4. www.tutorialspoint.com

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