"ONLINE INVOICING"

A

Major Project

on

submitted in partial fulfilment for the award of

Bachelor of Technology in

Computer Science & Engineering/Information technology

Submitted to

RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA

BHOPAL (M.P.)



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING/ INFORMATION TECHNOLOGY



CERTIFICATE

This is to certify that Minor project entitled "Online Invoicing" submitted to Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal (M.P.) by "Kajal Reddy and Bhawna Yadav" for partial fulfilment for the award of the degree of the Bachelor of Engineering in Computer Science & Engineering.

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING/INFORMATION TECHNOLOGY



APPROVAL CERTIFICATE

This is hereby certified that the Major Project synopsis entitled "Online Invoicing" being
submitted by "Kajal Reddy(0614CS171002) and Bhawna Yadav(0614CS171001)" to the RGPV,
Bhopal is a genuine work performed by them.

Internal Examiner	External Examiner
Date:	Date:

<u>ACKNOWLEDGEMENT</u>

This is one of the best moments of my BE. program to publicly acknowledgment those who have

contributed in many different ways to make my success a part of their own. The completion of

the Minor Project depends upon the co-operation, coordination and combined effects of several

resources of knowledge energy.

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many innovative ideas and helpful suggestions, which led to the successful completion of this

dissertation work.

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co-operation and suggestion during my project work. Lastly but not the least, i must express

thanks to my family, without their moral support it was impossible for me to complete this minor

project work.

Kajal Reddy

Bhawna Yadav

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ABSTRACT

This is a Project work undertaken in context of partial fulfillment of B.tech. I have tried my best to make the complicated process of Online Invoicing as simple as possible using Structured & Modular technique & Menu oriented interface. I have tried to design the software in such a way that user may not have any difficulty in using this package & further expansion is possible without much effort. Even though I cannot claim that this work to be entirely exhaustive, the main purpose of my exercise is perform each Employee's activity in computerized way rather than manually which is time consuming. I am confident that this software package can be readily used by non-programming personal avoiding human handled chance of error.

Administrator can maintain daily updates in the company records. Administrator is must be an authorized user. He can further change the password. There is the facility for password recovery, logout etc.

The limited time and resources have restricted us to incorporate

CHAPTER - 1

INTRODUCTION

1.1 Oblective:-

During the past several decades personnel function has been transformed from a relatively obscure record keeping staff to central and top level management function.

There are many factors that have influenced this transformation like technological advances, professionalism, and general recognition of human beings as most important resources.

- A computer based management system is designed to handle all the primary information required to calculate monthly statements. Separate database is maintained to handle all the details required for the correct statement calculation and generation.
- This project intends to introduce more user friendliness in the various activities such as record updation, maintenance, and searching.
- The searching of record has been made quite simple as all the details of the customer can be obtained by simply keying in the identification of that customer.
- Similarly, record maintenance and updation can also be accomplished by using the identification of the customer with all the details being automatically generated. These details are also being promptly automatically updated in the master file thus keeping the record absolutely up-to-date.
- The entire information has maintained in the database or Files and whoever wants to retrieve can't retrieve, only authorization user can retrieve the necessary information which can be easily be accessible from the file.

1.2 Scope :-

This project can be used in the invoicing after adding some more useful modules in the project for which company are providing services.

Utmost care and back-up procedures must be established to ensure 100% successful implementation of the computerized billing system. In case of system failure, the organization should be in a position to process the transaction with another organization or if the worst comes to the worst, it should be in a position to complete it manually.

Now a days companies are providing many other facilities, this project can also be improved with the improvement in the billing system.

Utmost care and back-up procedures must be established to ensure 100% successful implementation of the computerized banking system. In case of system failure, the organization should be in a position to process the transaction with another organization or if the worst comes to the worst, it should be in a position to complete it manually.

1.3 Purpose :-

A computer based management system is designed to handle all the primary information required to calculate monthly statements. Separate database is maintained to handle all the details required for the correct statement calculation and generation.

This project intends to introduce more user friendliness in the various activities such as record updation, maintenance, and searching.

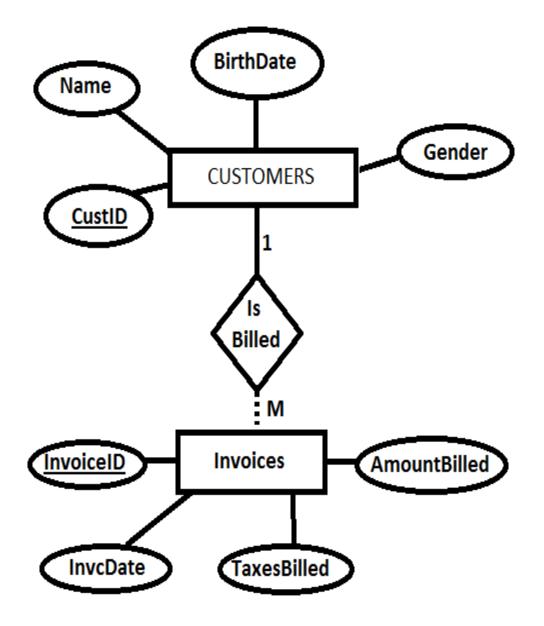
The searching of record has been made quite simple as all the details of the customer can be obtained by simply keying in the identification of that customer. Similarly, record maintenance and updation can also be accomplished by using the identification of the customer with all the details being automatically generated. These details are also being promptly automatically updated in the master file thus keeping the record absolutely up-to-date.

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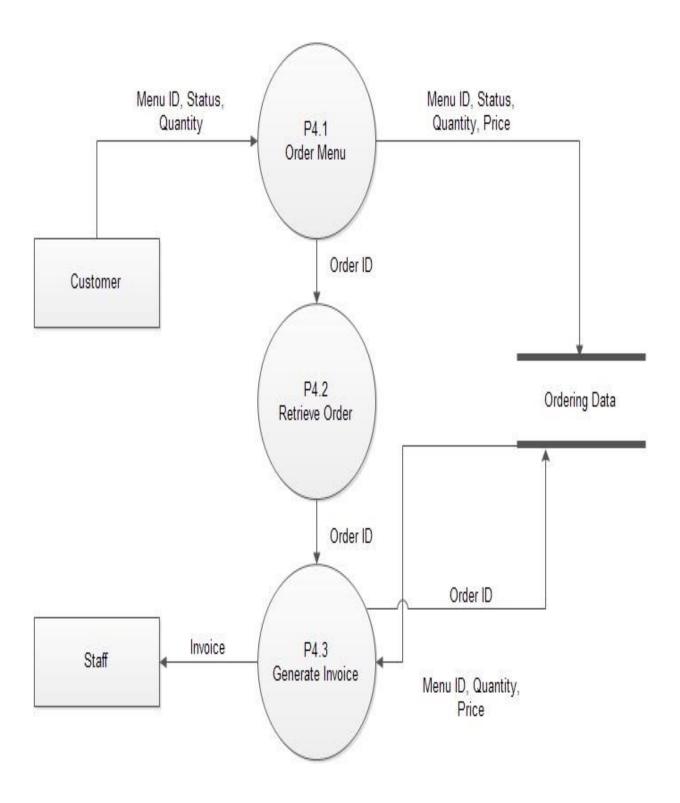
CHAPTER – 2

DESIGN

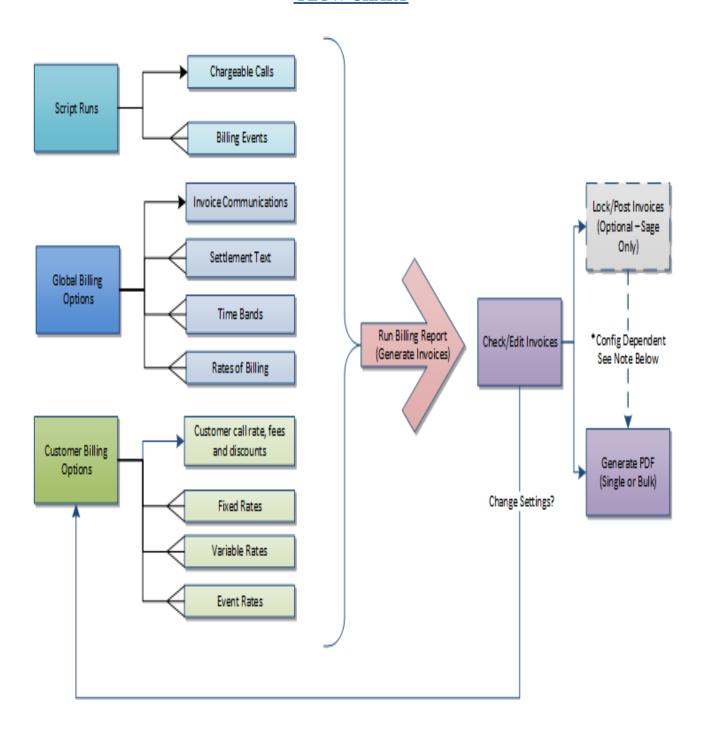
E-R DIAGRAM



CONTEXT LEVEL DATA FLOW DIAGRAM



FLOW CHART



CHAPTER – 3

IMPLEMENTATION REQUIREMENT

FRONT END:

HTML:- HTML is the standard markup language for creating Web pages.

- HTML stands for Hyper Text Markup Language
- HTML describes the structure of a Web page
- HTML consists of a series of elements
- HTML elements tell the browser how to display the content
- HTML elements are represented by tags
- HTML tags label pieces of content such as "heading", "paragraph", "table", and so on
- Browsers do not display the HTML tags, but use them to render the content of the page

CSS:-

- CSS stands for Cascading Style Sheets
- CSS describes how HTML elements are to be displayed on screen, paper, or in other media
- CSS saves a lot of work. It can control the layout of multiple web pages all at once
- External stylesheets are stored in CSS files

JAVASCRIPT:-

JavaScript is one of the **3 languages** all web developers **must** learn:

- 1. **HTML** to define the content of web pages
- 2. **CSS** to specify the layout of web pages

3. **JavaScript** to program the behavior of web pages

Web pages are not the only place where JavaScript is used. Many desktop and server programs use JavaScript. Node.js is the best known. Some databases, like MongoDB and CouchDB, also use JavaScript as their programming language.

AJAX:-

AJAX = Asynchronous JavaScript And XML.

AJAX is not a programming language.

AJAX just uses a combination of:

- A browser built-in XMLHttpRequest object (to request data from a web server)
- JavaScript and HTML DOM (to display or use the data)
- AJAX allows web pages to be updated asynchronously by exchanging data with a web server behind the scenes. This means that it is possible to update parts of a web page, without reloading the whole page.

AJAX is a misleading name. AJAX applications might use XML to transport data, but it is equally common to transport data as plain text or JSON text.

J-QUERY:-

¡Query is a JavaScript Library.

jQuery greatly simplifies JavaScript programming.

¡Query is easy to learn.

J-SON:-

- JSON stands for JavaScript Object Notation
- JSON is a lightweight data-interchange format
- JSON is "self-describing" and easy to understand

JSON is language independent *

*

JSON uses JavaScript syntax, but the JSON format is text only.

Text can be read and used as a data format by any programming language.

Since the JSON format is text only, it can easily be sent to and from a server, and used as a data format by any programming language.

JavaScript has a built in function to convert a string, written in JSON format, into native JavaScript objects:

JSON.parse()

So, if you receive data from a server, in JSON format, you can use it like any other JavaScript object.

BOOTSTRAP:-

- Bootstrap is a free front-end framework for faster and easier web development
- Bootstrap includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels and many other, as well as optional JavaScript plugins
- Bootstrap also gives you the ability to easily create responsive designs
- Easy to use: Anybody with just basic knowledge of HTML and CSS can start using Bootstrap
- **Responsive features:** Bootstrap's responsive CSS adjusts to phones, tablets, and desktops
- Mobile-first approach: In Bootstrap, mobile-first styles are part of the core framework
- **Browser compatibility:** Bootstrap 4 is compatible with all modern browsers (Chrome, Firefox, Internet Explorer 10+, Edge, Safari, and Opera)

BACK END:

PHP:-

PHP is a server scripting language, and a powerful tool for making dynamic and interactive Web pages.

PHP is a widely-used, free, and efficient alternative to competitors such as Microsoft's ASP.

PHP 7 is the latest stable release.

- PHP is an acronym for "PHP: Hypertext Preprocessor"
- PHP is a widely-used, open source scripting language
- PHP scripts are executed on the server
- PHP is free to download and use

It is powerful enough to be at the core of the biggest blogging system on the web (WordPress)! It is deep enough to run the largest social network (Facebook)!

It is also easy enough to be a beginner's first server side language!

- PHP files can contain text, HTML, CSS, JavaScript, and PHP code
- PHP code is executed on the server, and the result is returned to the browser as plain HTML
- PHP files have extension ".php"
- PHP can generate dynamic page content
- PHP can create, open, read, write, delete, and close files on the server
- PHP can collect form data
- PHP can send and receive cookies
- PHP can add, delete, modify data in your database
- PHP can be used to control user-access
- PHP can encrypt data

With PHP you are not limited to output HTML. You can output images, PDF files, and even Flash movies. You can also output any text, such as XHTML and XML.

- PHP runs on various platforms (Windows, Linux, Unix, Mac OS X, etc.)
- PHP is compatible with almost all servers used today (Apache, IIS, etc.)
- PHP supports a wide range of databases
- PHP is free. Download it from the official PHP resource: www.php.net
- PHP is easy to learn and runs efficiently on the server side

SQL:-

SQL is a standard language for storing, manipulating and retrieving data in databases.

Our SQL tutorial will teach you how to use SQL in: MySQL, SQL Server, MS Access, Oracle, Sybase, Informix, Postgres, and other database systems.

- SQL stands for Structured Query Language
- SQL lets you access and manipulate databases
- SQL became a standard of the American National Standards Institute (ANSI) in 1986, and of the International Organization for Standardization (ISO) in 1987
- SQL can execute queries against a database
- SQL can retrieve data from a database
- SQL can insert records in a database
- SQL can update records in a database
- SQL can delete records from a database
- SQL can create new databases
- SQL can create new tables in a database
- SQL can create stored procedures in a database
- SQL can create views in a database
- SQL can set permissions on tables, procedures, and views

Most of the SQL database programs also have their own proprietary extensions in addition to the SQL standard!

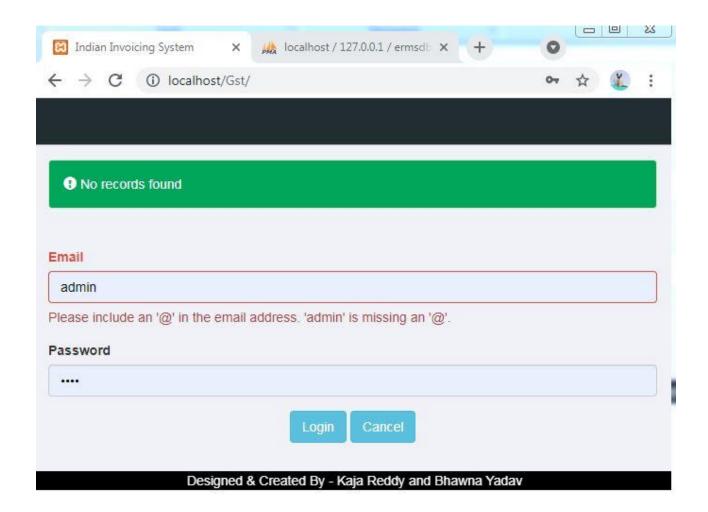
To build a web site that shows data from a database, you will need:

- An RDBMS database program (i.e. MS Access, SQL Server, MySQL)
- To use a server-side scripting language, like PHP or ASP
- To use SQL to get the data you want
- To use HTML / CSS to style the page

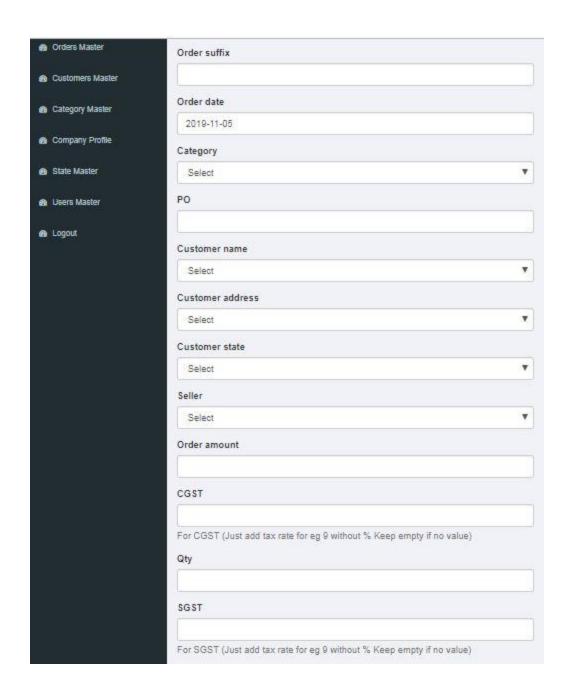
CHAPTER – 4

LAYOUT

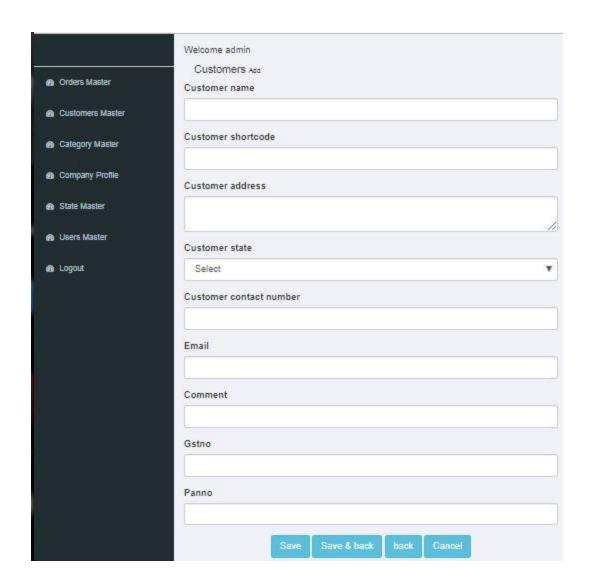
SNAPSHOT:-



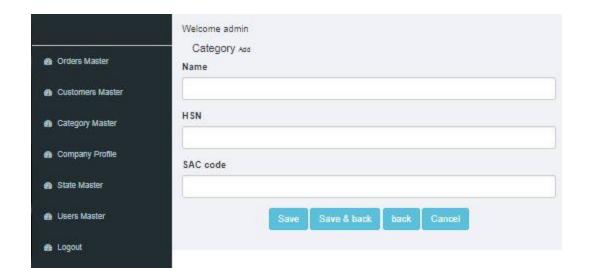
HOME PAGE & LOGIN PAGE



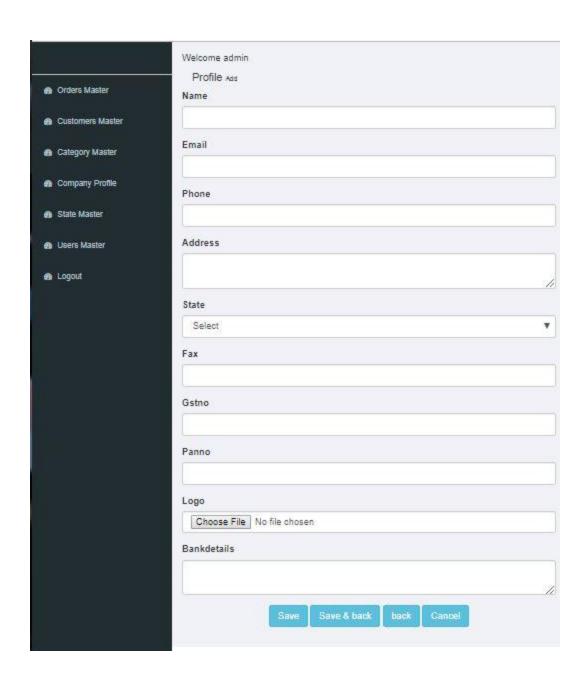
ADD ORDER



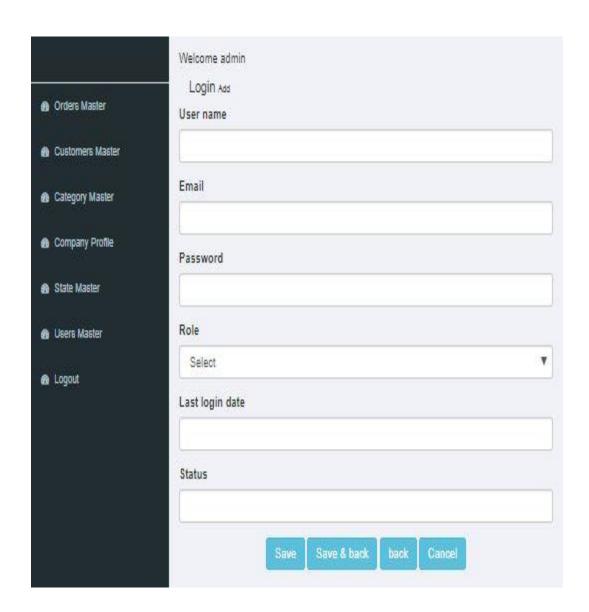
ADD CUSTOMER



ADD STATE



ADD COMPANY



ADD USER

CODING:-

INVOICE.PHP

```
<?php
error_reporting(0);
require_once './script/pdocrud.php';
include './includes/header.php';
$conn =
mysqli_connect($config["hostname"],$config["username"],$config["password"],$config["database
"]);
function dateFormat($string){//MOST IMPORTANT FUNCTION
              $string = str_replace("-","/", $string);
              $trydate = date("d-M-Y", strtotime($string));
              return $trydate;
       }
function getPercentOfNumber($number, $percent){
  return ($percent / 100) * $number;
}
function numberTowords($num)
{
                     somes = array(
                     1 => "one",
```

```
2 => "two",
3 => "three",
4 => "four",
5 => "five",
6 = "six",
7 => "seven",
8 => "eight",
9 => "nine",
10 = "ten",
11 => "eleven",
12 => "twelve",
13 => "thirteen",
14 => "fourteen",
15 => "fifteen",
16 => "sixteen",
17 => "seventeen",
18 => "eighteen",
19 => "nineteen"
);
sec = array(
1 => "ten",
2 => "twenty",
3 => "thirty",
4 => "forty",
5 => "fifty",
6 => "sixty",
7 => "seventy",
8 => "eighty",
9 => "ninety"
);
$hundreds = array(
```

```
"hundred",
"thousand",
"million",
"billion",
"trillion",
"quadrillion"
); //limit t quadrillion
$num = number_format($num,2,".",",");
$num_arr = explode(".",$num);
$wholenum = $num_arr[0];
$decnum = $num_arr[1];
$whole_arr = array_reverse(explode(",",$wholenum));
krsort($whole_arr);
$rettxt = "";
foreach($whole_arr as $key => $i){
if($i < 20){
$rettxt .= $ones[$i];
elseif(i < 100)
$rettxt .= $tens[@substr($i,0,1)];
$rettxt .= " ".$ones[@substr($i,1,1)];
}else{
$rettxt .= $ones[@substr($i,0,1)]." ".$hundreds[0];
$rettxt .= " ".$tens[@substr($i,1,1)];
$rettxt .= " ".$ones[@substr($i,2,1)];
}
if(\$ key > 0){
       $rettxt .= " ".$hundreds[$key]." ";
}
}
```

```
if(\text{$decnum > 0)}
                              $rettxt .= " and ";
                       if(\text{$decnum} < 20)
                                      $rettxt .= $ones[$decnum];
                       }elseif($decnum < 100){
                                      $rettxt .= $tens[substr($decnum,0,1)];
                                      $rettxt .= " ".$ones[substr($decnum,1,1)];
                       }
               }
return $rettxt;
}
if((isset($_GET["id"])) && (is_numeric($_GET["id"])) && ($_GET["id"] != ")){
       $id = $_GET["id"];
       $sqlSelect = 'select * from orders where ID="'.$id.'"';
  $result = mysqli_query($conn, $sqlSelect);
}else{
               echo 'Something went wrong Please try later';
               //exit(0);
}
if($result){
```

```
$row = mysqli_fetch_array($result);
       $seller=$row["seller"];
$sellerstatecode=";
$sellerstate=";
//Seller Details
if($seller){
               $sellergry="select * from profile where id=".$seller;
     $res_seller = mysqli_query($conn, $sellerqry);
               $row_seller = mysqli_fetch_array($res_seller);
               $sellername=$row_seller['name'];
               $selleremail=
$row_seller['email'];
               $selleraddress=$row_seller['address'];
               $sellergstno=$row_seller['gstno'];
     $sellerpanno=$row_seller['panno'];
               $sellerlogo=$row_seller['logo'];
               $sellerstatecode=$row_seller['state'];
     $sellerbankdetails=$row_seller['bankdetails'];
               if($sellerstatecode != "){
                              $sellerstqry="select * from state where code="".$sellerstatecode.""";
                              $res_sellerst = mysqli_query($conn, $sellerstqry);
                              $rowst = mysqli_fetch_array($res_sellerst);
                              $sellerstate=$rowst['name'];
               }else{
```

```
$sellerstatecode=";
                      $sellerstate=";
              }
       }else{
              $sellername=";
              $sellername=";
              $selleremail=";
              $selleraddress=";
              $sellergstno=";
    $sellerpanno=";
              $sellerlogo=";
              $sellerbankdetails=";
       }
//Order Details
$orderid=$_GET["id"];
$ordersuffix=$row["order_suffix"];
if($ordersuffix == "){
              $ordersuffix=";
$orderno=$ordersuffix.'/'.$orderid;
$orderdate=dateFormat($row["order_date"]);
$po=$row["PO"];
if($po == "){
       $po=";
```

}

}

```
//Customer details
$custaddr=";
$custname=";
$custname=$row["customer_name"];
$custaddr=$row["customer_address"];
$qty=$row["qty"];
if($custname != "){
                             $custqry="select * from customers where
customer_name="".$custname.""";
                             $res_cust = mysqli_query($conn, $custqry);
                             $rowcust = mysqli_fetch_array($res_cust);
                             $custstatecode=$rowcust['customer_state'];
                             if($custstatecode !="){
                                           $custstategry="select * from state where
code="".$custstatecode.""";
                                           $res_custst = mysqli_query($conn, $custstateqry);
                                           $rowcustst = mysqli_fetch_array($res_custst);
                                           $custstate=$rowcustst['name'];
                             }else{
                                           $custstate=";
                             }
                             $custgst=$rowcust['gstno'];
              }else{
                     $custgst=";
```

```
}
//Invoice Product Description
$categoryid=$row["category"];
                            if($categoryid != "){
                                          $catqry="select * from category where
category_id="".$categoryid.""";
                                          $res_cat = mysqli_query($conn, $catqry);
                                          $rowcat = mysqli_fetch_array($res_cat);
                                          $catname=$rowcat['name'];
                                          $cathsn=$rowcat['HSN'];
                            }else{
                                          $catname=";
                                          $cathsn=";
                            }
//Amount
$amt=$row["order_amount"];
$cgstrate=$row["CGST"];
$sgstrate=$row["SGST"];
$cgst=ceil(getPercentOfNumber($amt*$qty,$cgstrate));
$sgst=ceil(getPercentOfNumber($amt*$qty,$sgstrate));
$totalAmt=($qty*$amt)+$cgst+$sgst;
?>
```

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">

```
<html>
<head>
      <meta http-equiv="content-type" content="text/html; charset=utf-8"/>
      <title></title>
      <meta name="generator" content="LibreOffice 6.0.7.3 (Linux)"/>
      <meta name="author" content="Dell"/>
      <meta name="created" content="2017-06-23T08:43:34"/>
      <meta name="changedby" content="Abhishek"/>
      <meta name="changed" content="2019-04-12T11:42:28"/>
      <meta name="AppVersion" content="16.0300"/>
      <meta name="DocSecurity" content="0"/>
      <meta name="HyperlinksChanged" content="false"/>
      <meta name="LinksUpToDate" content="false"/>
      <meta name="ScaleCrop" content="false"/>
      <meta name="ShareDoc" content="false"/>
      <style type="text/css">
             body,div,table,thead,tbody,tfoot,tr,th,td,p { font-family:"Calibri"; font-size:x-small }
             a.comment-indicator:hover + comment { background:#ffd; position:absolute;
display:block; border:1px solid black; padding:0.5em; }
             a.comment-indicator { background:red; display:inline-block; border:1px solid black;
width:0.5em; height:0.5em; }
             comment { display:none; }
      </style>
</head>
<body>
<colgroup width="24"></colgroup>
```

```
<colgroup width="35"></colgroup>
     <colgroup span="2" width="31"></colgroup>
     <colgroup width="39"></colgroup>
     <colgroup width="57"></colgroup>
     <colgroup width="50"></colgroup>
     <colgroup width="65"></colgroup>
     <colgroup span="2" width="37"></colgroup>
     <colgroup width="18"></colgroup>
     <colgroup width="37"></colgroup>
     <colgroup width="50"></colgroup>
     <colgroup width="46"></colgroup>
     <colgroup width="42"></colgroup>
     <td style="border-top: 2px solid #000000; border-left: 2px solid #000000"
height="27" align="left" valign=bottom><font color="#000000"><br></font>
          <font
color="#000000"><br></font>
          <font
color="#000000"><br></font>
          <td style="border-top: 2px solid #000000" colspan=10 align="center"
valign=bottom><b><font face="Bookman Old Style" size=4 color="#000000"><?php echo
$sellername;?></font></b>
          <b><font
color="#000000"><br></font></b>
          <b><font
color="#000000"><br></font></b>
          <td style="border-top: 2px solid #000000; border-right: 2px solid #000000"
align="left" valign=top><b><font color="#000000"><br></font></b>
```

<colgroup width="102"></colgroup>

<td style="border-left: 2px solid #000000" colspan=2 rowspan=3 height="82" align="center" valign=middle>
<img src="<?php echo \$sellerlogo;?>" width=85 height=66 hspace=21 vspace=9> align="left" valign=bottom>

 <?php echo \$selleraddress;?> <td style="border-right: 2px solid #000000" colspan=3 rowspan=2 align="center" valign=middle>

Email:<?php echo \$selleremail;?>


```
<b><font face="Bookman Old Style" size=3
color="#000000"><br></font></b>
            align="center" valign=bottom><b><font face="Bookman Old Style" size=3
color="#000000"><br></font></b>
            align="center" valign=bottom><b><font face="Bookman Old Style" size=3
color="#000000"><br></font></b>
      <td style="border-bottom: 2px solid #000000" align="left"
valign=bottom><b><font face="Bookman Old Style" size=3
color="#000000"><br></font></b>
            <td style="border-bottom: 2px solid #000000" align="left"
valign=bottom><b><font face="Bookman Old Style" size=3
color="#000000"><br></font></b>
            <td style="border-bottom: 2px solid #000000" align="left"
valign=bottom><b><font face="Bookman Old Style" size=3
color="#000000"><br></font></b>
            <td style="border-bottom: 2px solid #000000" colspan=6 align="center"
valign=bottom><b><font face="Bookman Old Style" size=3 color="#000000"> <?php echo
'GSTIN:'.\$sellergstno .\| PAN:'.\$sellerpanno;?\></font></b>
            <td style="border-bottom: 2px solid #000000" align="center"
valign=bottom><b><font face="Bookman Old Style" size=3
color="#000000"><br></font></b>
            <td style="border-bottom: 2px solid #000000" align="center"
valign=bottom><b><font face="Bookman Old Style" size=3
color="#000000"><br></font></b>
            <td style="border-bottom: 2px solid #000000" align="center"
valign=bottom><b><font face="Bookman Old Style" size=3
color="#000000"><br></font></b>
            <font
color="#000000"><br></font>
```

```
<td style="border-bottom: 2px solid #000000; border-right: 2px solid #000000"
align="left" valign=bottom><font color="#000000"><br></font>
      <td style="border-top: 2px solid #000000; border-bottom: 2px solid #000000;
border-left: 2px solid #000000; border-right: 2px solid #000000" colspan=16 height="15"
align="center" valign=bottom><font color="#000000"><br></font>
             <td style="border-top: 2px solid #000000; border-bottom: 2px solid #000000;
border-left: 2px solid #000000; border-right: 2px solid #000000" colspan=16 rowspan=2
height="42" align="center" valign=middle bgcolor="#BDD7EE"><b><font face="Bookman Old
Style" size=6 color="#000000">Invoice</font></b>
             <td style="border-top: 2px solid #000000; border-bottom: 1px solid #000000;
border-left: 2px solid #000000; border-right: 2px solid #000000" colspan=8 height="19"
align="left" valign=top><b><font color="#000000">Document No:<?php echo
$orderno;?></font></b>
             <td style="border-top: 2px solid #000000; border-bottom: 1px solid #000000;
border-left: 2px solid #000000; border-right: 2px solid #000000" colspan=8 align="left"
valign=bottom><b><font color="#000000">Against invoice: <?php echo $po;?></font></b>
             <td style="border-top: 1px solid #000000; border-bottom: 1px solid #000000;
border-left: 2px solid #000000; border-right: 2px solid #000000" colspan=8 height="20"
```

align="left" valign=top>Date of Issue: <?php echo \$orderdate; ?> <td style="border-top: 1px solid #000000; border-bottom: 1px solid #000000; border-left: 2px solid #000000; border-right: 2px solid #000000" colspan=8 align="left" valign=bottom>Date of Invoice:<?php echo \$orderdate; ?> <td style="border-top: 1px solid #000000; border-bottom: 2px solid #000000; border-left: 2px solid #000000" colspan=6 height="20" align="left" valign=top>State:<?php echo \$sellerstate;?> <td style="border-top: 2px solid #000000; border-bottom: 2px solid #000000; border-left: 2px solid #000000; border-right: 1px solid #000000" align="left" valign=bottom>Code <td style="border-top: 2px solid #000000; border-bottom: 2px solid #000000; border-left: 1px solid #000000; border-right: 2px solid #000000" align="left" valign=bottom><?php echo \$sellerstatecode;?> <td style="border-top: 1px solid #000000; border-bottom: 2px solid #000000; border-left: 2px solid #000000; border-right: 2px solid #000000" colspan=8 align="left" valign=bottom>
 <td style="border-top: 2px solid #000000; border-bottom: 2px solid #000000; border-left: 2px solid #000000; border-right: 2px solid #000000" colspan=16 height="15" align="center" valign=bottom>
</d>> <td style="border-top: 2px solid #000000; border-bottom: 2px solid #000000; border-left: 2px solid #000000; border-right: 2px solid #000000" colspan=8 height="20" align="center" valign=bottom bgcolor="#BDD7EE">Bill to Party

<td style="border-top: 2px solid #000000; border-bottom: 2px solid #000000; border-left: 2px solid #000000; border-right: 2px solid #000000" colspan=8 align="center" valign=bottom bgcolor="#BDD7EE">Ship to Party <td style="border-top: 2px solid #000000; border-bottom: 1px solid #000000; border-left: 2px solid #000000; border-right: 2px solid #000000" colspan=8 height="19" align="left" valign=bottom>Name:<?php echo \$custname;?> <td style="border-top: 2px solid #000000; border-bottom: 1px solid #000000; border-left: 2px solid #000000; border-right: 2px solid #000000" colspan=8 align="left" valign=bottom>Name: <td style="border-top: 1px solid #000000; border-bottom: 1px solid #000000; border-left: 2px solid #000000; border-right: 2px solid #000000" colspan=8 rowspan=2 height="39" align="left" valign=top>Address:<?php echo \$custaddr;?>
 <td style="border-top: 1px solid #000000; border-bottom: 1px solid #000000; border-left: 2px solid #000000; border-right: 2px solid #000000" colspan=8 rowspan=2 align="left" valign=top>Address: <td style="border-top: 1px solid #000000; border-bottom: 1px solid #000000; border-left: 2px solid #000000; border-right: 2px solid #000000" colspan=8 height="20" align="left" valign=top>GSTIN: <?php echo \$custgst; ?>


```
<td style="border-top: 1px solid #000000; border-bottom: 1px solid #000000;
border-left: 2px solid #000000; border-right: 2px solid #000000" colspan=8 align="left"
valign=top><b><font color="#000000">GSTIN:</font></b>
             <td style="border-top: 1px solid #000000; border-bottom: 2px solid #000000;
border-left: 2px solid #000000" colspan=6 height="20" align="left" valign=bottom><b><font
color="#000000">State:<?php echo $custstate; ?></font></b>
             <td style="border-top: 2px solid #000000; border-bottom: 2px solid #000000;
border-left: 2px solid #000000; border-right: 1px solid #000000" align="left"
valign=bottom><b><font color="#000000">Code</font></b>
             <td style="border-top: 2px solid #000000; border-bottom: 2px solid #000000;
border-left: 1px solid #000000; border-right: 2px solid #000000" align="left"
valign=bottom><b><font color="#000000"><?php echo $custstatecode; ?></font></b>
             <td style="border-top: 1px solid #000000; border-bottom: 2px solid #000000;
border-left: 2px solid #000000" colspan=6 align="left" valign=bottom><b><font
color="#000000">State:</font></b>
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border-left: 2px solid #000000; border-right: 1px solid #000000" align="left"
valign=bottom><b><font color="#000000">Code</font></b>
             <td style="border-top: 2px solid #000000; border-bottom: 2px solid #000000;
border-left: 1px solid #000000; border-right: 2px solid #000000" align="left"
valign=bottom><b><font color="#000000"><br></font></b>
       <td style="border-bottom: 2px solid #000000; border-left: 2px solid #000000;
border-right: 2px solid #000000" colspan=16 height="15" align="center" valign=bottom><font
color="#000000"><br></font>
```

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<td style="border-bottom: 1px solid #000000; border-left: 2px solid #000000;
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bgcolor="#BDD7EE"><b><font size=1 color="#000000">S. No.</font></b>
             <td style="border-bottom: 1px solid #000000; border-left: 1px solid #000000;
border-right: 1px solid #000000" rowspan=2 align="center" valign=middle
bgcolor="#BDD7EE"><b><font size=1 color="#000000">Product Description</font></b>
             <td style="border-bottom: 1px solid #000000; border-left: 1px solid #000000;
border-right: 1px solid #000000" rowspan=2 align="center" valign=middle
bgcolor="#BDD7EE"><b><font size=1 color="#000000">HSN code</font></b>
             <td style="border-bottom: 1px solid #000000; border-left: 1px solid #000000;
border-right: 1px solid #000000" rowspan=2 align="center" valign=middle
bgcolor="#BDD7EE"><b><font size=1 color="#000000">UOM</font></b>
             <td style="border-bottom: 1px solid #000000; border-left: 1px solid #000000;
border-right: 1px solid #000000" rowspan=2 align="center" valign=middle
bgcolor="#BDD7EE"><b><font size=1 color="#000000">Qty</font></b>
             <td style="border-bottom: 1px solid #000000; border-left: 1px solid #000000;
border-right: 1px solid #000000" rowspan=2 align="center" valign=middle
bgcolor="#BDD7EE"><b><font size=1 color="#000000">Rate</font></b>
             <td style="border-bottom: 1px solid #000000; border-left: 1px solid #000000;
border-right: 1px solid #000000" rowspan=2 align="center" valign=middle
bgcolor="#BDD7EE"><b><font size=1 color="#000000">Amount</font></b>
             <td style="border-bottom: 1px solid #000000; border-left: 1px solid #000000;
border-right: 1px solid #000000" rowspan=2 align="center" valign=middle
bgcolor="#BDD7EE"><b><font size=1 color="#000000">Discount</font>
             <td style="border-bottom: 1px solid #000000; border-left: 1px solid #000000;
border-right: 1px solid #000000" rowspan=2 align="center" valign=middle
bgcolor="#BDD7EE"><b><font size=1 color="#000000">Taxable Value</font></b>
             <td style="border-top: 2px solid #000000; border-bottom: 1px solid #000000;
border-left: 1px solid #000000; border-right: 1px solid #000000" colspan=3 align="center"
valign=bottom bgcolor="#BDD7EE"><b><font color="#000000">CGST</font></b>
```

<td style="border-top: 2px solid #000000; border-bottom: 1px solid #000000; border-left: 1px solid #000000; border-right: 1px solid #000000" colspan=2 align="center" valign=bottom bgcolor="#BDD7EE">SGST <td style="border-top: 2px solid #000000; border-bottom: 1px solid #000000; border-left: 1px solid #000000; border-right: 2px solid #000000" colspan=2 rowspan=2 align="center" valign=middle bgcolor="#BDD7EE">Total <td style="border-top: 1px solid #000000; border-bottom: 1px solid #000000; border-left: 1px solid #000000; border-right: 1px solid #000000" align="left" valign=bottom bgcolor="#BDD7EE">Rate <td style="border-top: 1px solid #000000; border-bottom: 1px solid #000000; border-left: 1px solid #000000; border-right: 1px solid #000000" colspan=2 align="center" valign=bottom bgcolor="#BDD7EE">Amount <td style="border-top: 1px solid #000000; border-bottom: 1px solid #000000; border-left: 1px solid #000000; border-right: 1px solid #000000" align="left" valign=bottom bgcolor="#BDD7EE">Rate <td style="border-top: 1px solid #000000; border-bottom: 1px solid #000000; border-left: 1px solid #000000; border-right: 1px solid #000000" align="left" valign=bottom bgcolor="#BDD7EE">Amount <td style="border-top: 1px solid #000000; border-bottom: 1px solid #000000; border-left: 2px solid #000000; border-right: 1px solid #000000" height="19" align="right" valign=bottom >1 <td style="border-top: 1px solid #000000; border-bottom: 1px solid #000000; border-left: 1px solid #000000; border-right: 1px solid #000000" align="left" valign=bottom><font

color="#000000"><?php echo \$catname;?>

/font>

<?php echo \$qty;?>

php echo \$amt;?>

<?php echo \$amt*\$qty;?>

/font>

<?php echo \$amt*\$qty;?>

<?php echo \$cgstrate;?>

<?php echo \$cgst;?>

<?php echo \$sgstrate;?>

<?php echo \$cgst;?>

<?php echo \$totalAmt;?>

/font>

HSN:<?php echo \$cathsn;?>

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 <td style="border-top: 1px solid #000000; border-left: 1px solid #000000; borderright: 1px solid #000000" align="left" valign=bottom>
 <td style="border-top: 1px solid #000000; border-left: 1px solid #000000; borderright: 1px solid #000000" align="left" valign=bottom>
 <td style="border-top: 1px solid #000000; border-left: 1px solid #000000; borderright: 1px solid #000000" align="left" valign=bottom>
 <td style="border-top: 1px solid #000000; border-left: 1px solid #000000; borderright: 1px solid #000000" align="left" valign=bottom>
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 <td style="border-top: 1px solid #000000; border-left: 1px solid #000000; borderright: 1px solid #000000" align="right" valign=bottom >< font color="#000000">0 <td style="border-top: 1px solid #000000; border-left: 1px solid #000000; borderright: 1px solid #000000" align="left" valign=bottom>
 <td style="border-top: 1px solid #000000; border-left: 1px solid #000000; borderright: 1px solid #000000" align="right" valign=bottom >0 <td style="border-top: 1px solid #000000; border-left: 1px solid #000000; borderright: 1px solid #000000" align="left" valign=bottom>

right: 1px solid #000000" align="left" valign=bottom>
00

Total

border-left: 1px solid #000000; border-right: 1px solid #000000" align="right" valign=middle >1

/font>

<?php echo \$amt;?>

0

<?php echo \$amt;?>

```
<td style="border-top: 2px solid #000000; border-bottom: 2px solid #000000;
border-left: 1px solid #000000; border-right: 1px solid #000000" align="left" valign=middle><font
color="#000000"><br></font>
             <td style="border-top: 2px solid #000000; border-bottom: 2px solid #000000;
border-left: 1px solid #000000; border-right: 1px solid #000000" colspan=2 align="center"
valign=middle "><font color="#000000"><?php echo $cgst;?></font>
             <td style="border-top: 2px solid #000000; border-bottom: 2px solid #000000;
border-left: 1px solid #000000" align="left" valign=middle><font
color="#000000"><br></font>
             <td style="border-top: 2px solid #000000; border-bottom: 2px solid #000000;
border-right: 1px solid #000000" align="right" valign=middle "><font color="#000000"><?php
echo $sgst;?></font>
             <td style="border-top: 2px solid #000000; border-bottom: 2px solid #000000;
border-left: 1px solid #000000; border-right: 2px solid #000000" colspan=2 align="center"
valign=middle ><font color="#000000"><?php echo $totalAmt;?></font>
             <td style="border-top: 2px solid #000000; border-bottom: 2px solid #000000;
border-left: 2px solid #000000" colspan=9 height="20" align="center" valign=bottom
bgcolor="#BDD7EE"><b><font color="#000000">Total amount in words</font></b>
             <td style="border-top: 2px solid #000000; border-bottom: 1px solid #000000;
border-left: 2px solid #000000" colspan=5 align="left" valign=bottom><b><font
color="#000000">Total Amount before Tax</font></b>
             <td style="border-top: 2px solid #000000; border-bottom: 1px solid #000000;
border-left: 2px solid #000000; border-right: 2px solid #000000" colspan=2 align="center"
valign=bottom ><font color="#000000"><?php echo $amt;?></font>
             <tr>
             <td style="border-top: 2px solid #000000; border-bottom: 2px solid #000000;
border-left: 2px solid #000000" colspan=9 rowspan=4 height="78" align="center"
```

valign=bottom><?php echo @numberTowords("\$totalAmt").'only'; ?>

Add: CGST

<?php echo \$cgst;?>

Add: SGST

<?php echo \$sgst;?>

Total Tax Amount

<?php echo \$cgst+\$sgst;?>

Total Amount after Tax:

<td style="border-top: 1px solid #000000; border-bottom: 2px solid #000000; border-left: 2px solid #000000; border-right: 2px solid #000000" colspan=2 align="center" valign=bottom ><?php echo \$totalAmt;?> <td style="border-top: 2px solid #000000; border-left: 2px solid #000000" colspan=6 height="20" align="center" valign=bottom bgcolor="#BDD7EE">Bank Details <td style="border-top: 2px solid #000000; border-bottom: 1px solid #000000; border-left: 2px solid #000000; border-right: 2px solid #000000" colspan=3 rowspan=5 align="center" valign=bottom>
 <td style="border-top: 2px solid #000000; border-left: 2px solid #000000; borderright: 2px solid #000000" colspan=7 align="center" valign=middle>Certified that the particulars given above are true and correct <td style="border-top: 2px solid #000000; border-bottom: 1px solid #000000; border-left: 2px solid #000000" colspan=6 height="19" align="left" valign=bottom><?php echo \$sellerbankdetails; ?> <td style="border-left: 2px solid #000000; border-right: 2px solid #000000" colspan=7 align="center" valign=bottom> <td style="border-top: 1px solid #000000; border-bottom: 2px solid #000000; border-left: 2px solid #000000" colspan=6 height="20" align="left" valign=bottom> <td style="border-left: 2px solid #000000; border-right: 2px solid #000000"

colspan=7 rowspan=3 align="center" valign=bottom><font

color="#000000">

Page | 65

<td style="border-bottom: 2px solid #000000; border-left: 2px solid #000000" colspan=6 rowspan=3 height="59" align="center" valign=top>Terms & conditions <td style="border-bottom: 2px solid #000000; border-left: 2px solid #000000; border-right: 2px solid #000000" colspan=3 align="center" valign=bottom>Common Seal <td style="border-bottom: 2px solid #000000; border-left: 2px solid #000000; border-right: 2px solid #000000" colspan=7 align="center" valign=bottom>Authorised signatory </body> </html> <?php }else{ echo 'Something went wrong please try later !'; }?> LOGOUT.PHP

<?php
require_once './script/pdocrud.php';</pre>

| //include './includes/header.php'; | |
|--|------|
| <pre>\$pdo_crud = new PDOCrud();</pre> | |
| <pre>\$pdo_crud->unsetUserSession("Admin");</pre> | |
| \$pdo_crud->formRedirection("http://localhost/GST/index.ph | ıp") |
| header("Location:http://localhost/GST/index.php"); | |

DATABASE TABLE

Password Table

| Fields | Type |
|----------|--------|
| Password | CHAR |
| Username | Number |

Login Status Table

| Fields | Type |
|----------|--------|
| Password | CHAR |
| Username | Number |

Login_time CHAR
Login_date CHAR
Logout_time CHAR
Page_access CHAR

Customer Details Table

Fields Type Customerid Autonumber Name **CHAR** Address **CHAR Email CHAR** DOJ Date Status **CHAR** Occupation **CHAR** Type_of_occupation Number Number Telephone

Member Details Table

Fields Type Memberid Autonumber Name **CHAR** Address **CHAR Email CHAR** DOJ Date Status **CHAR** Occupation **CHAR** Type_of_occupation Number Telephone Number

Membership CHAR

24

Details CHAR

Company Details Table

Fields Type

Company_name CHAR

H.o CHAR

Address CHAR

Meeting_person CHAR

Phone Number Email CHAR

Website CHAR

Details CHAR

No_of_employees Number

Billing Details Table

Fields Type

Package CHAR

Billingdate Date

Mode_of_blling CHAR

From Date

To Date

Requirement_details CHAR

State CHAR

Name_of_customer CHAR

Email CHAR

Phone Number

Invoice Details Table

FieldsTypeinvoice_NoCHARBillingdateDate

Floor

Package **CHAR** Mode_of_billing From Date To Date **CHAR** Requirement_details State **CHAR** Name_of_customer **CHAR Email CHAR** Phone Number

CHAPTER – 5

ADVANTAGES:-

I have designed the given proposed system in the PHP to automate the process of Invoice.

This project is useful for the authorities which keep track of all the users registered in a particular state .

The following steps that give the detailed information of the need of proposed system are:

Performance: During past several decades, the records are supposed to be manually handled for all activities. The manual handling of the record is time consuming and highly prone to error. To improve the performance of System, the computerized system is to be undertaken. This project is fully computerized and user friendly even that any of the members can see the report and status of the company.

Efficiency: The basic need of this website is efficiency. The website should be efficient so that whenever a new user submits his/her details the website is updated automatically. This record will be useful for other users instantly.

Control: The complete control of the project is under the hands of authorized person who has the password to access this project and illegal access is not supposed to deal with. All the control is under the administrator and the other members have the rights to just see the records not to change any transaction or entry.

Security: Security is the main criteria for the proposed system. Since illegal access may corrupt the database. So security has to be given in this project.

CHAPTER - 6

CONCLUSION:-

This project is designed to meet the requirements of Online Invoicing. It has been developed in PHP, Servlets keeping in mind the specifications of the system. For designing the system we have used simple data flow diagrams.

Overall the project teaches us the essential skills like:

_ Using system analysis and design techniques like data flow diagram in designing the system.

_ Understanding the database handling and query processing.

FUTURE SCOPE:-

Scope of Future Application

This project can be used in the Billing System after adding some more useful modules in the project for which hotel are providing services.

Utmost care and back-up procedures must be established to ensure 100% successful implementation of the computerized hotel system. In case of system failure, the organization should be in a position to process the transaction with another organization or if the worst comes to the worst, it should be in a position to complete it manually.

Scope of Improvement

Now a days companies are providing many other facilities, this project can also be improved with the improvement in the Billing System.

Utmost care and back-up procedures must be established to ensure 100% successful implementation of the computerized banking system. In case of system failure, the organization should be in a position to process the transaction with another organization or if the worst comes to the worst, it should be in a position to complete it manually.

REFERANCE:-

| | https://www.techopedia.com/definition/23889/web-development |
|---|---|
| | http://php.net/manual/en/intro-whatis.php |
| | https://www.mysql.com/about/ |
| П | https://en.wikipedia.org/wiki/MvSOL |

 $\ \ \, \square \ \, https://www.w3schools.com/php/php_mysql_intro.asp$