



VIT[®]
AP

School Of Computer Science and Engineering
VIT-AP UNIVERSITY, INAVOLU, AMARAVATI

CSE1005 : SOFTWARE ENGINEERING

Web based Billing Software (WBS)

Team Members

- 1. Gudi Varaprasad - 19BCE7048 (Team Lead)**
- 2. S S V M Harshith Kanigalpula - 19BCE7349**
- 3. Abhipray Adhik Chavan - 19BCN7062**
- 4. Talasila Sri Harsha - 19BCE7490**
- 5. Pramodini Nandigam - 19BCN7037**

CODE SNAPSHOTS

USER SIGN UP

```
signup.php > ...
<form method="post" action="" class="login">
  <header>SIGNUP</header>
  <div class="field">
    <span class="fa fa-user"></span>
    <input type="text" name="name" placeholder="Store Name" required>
  </div>
  <div class="field">
    <span class="fa fa-envelope"></span>
    <input type="email" name="email" placeholder="Email" required>
  </div>
  <div class="field">
    <span class="fa fa-phone"></span>
    <input type="phone" name="mob" placeholder="Mobile No." required>
  </div>
  <div class="field">
    <span class="fa fa-lock"></span>
    <input type="password" name="pass" placeholder="Password" required>
  </div>
  <div class="field">
    <span class="fa fa-vcad-o"></span>
    <input type="text" name="gst" placeholder="GSTIN / UIN" >
  </div>
  <input type="submit" class="submit" name="submit" value="CREATE ACCOUNT">

  <span class="logn-form-copy">Already have an account? <a href="login.php" class="login-form__sign-up">Login</a></span>
</form>
<?php
if ($_SERVER["REQUEST_METHOD"] == "POST")
{
    $name = $_POST['name'];
    $email=$_POST['email'];
    $mobile=$_POST['mob'];
    $pass=$_POST['pass'];
    $gst=$_POST['gst'];
    $query = "SELECT * FROM details WHERE email='$email'";
    $result = mysqli_query($conn, $query)or die(mysqli_error($conn));
    $num = mysqli_num_rows($result);
    if ($num!=0) {
        echo '<script>alert("Email Already exists")</script>';
    }else{
        $sql = "INSERT INTO details(name,email,mobile,password,gst) VALUES ('$name','$email','$mobile','$pass','$gst')";
        $result = mysqli_query($conn, $sql);
        header('location: login.html');
    }
}
```

USER LOGIN

```
login.php >
1 <form method="post" action="" class="login">
2 <header>LOGIN</header>
3 <div class="field">
4 <span class="fa fa-user"></span>
5 <input type="email" name="email" placeholder="Email ID">
6 </div>
7 <div class="field">
8 <span class="fa fa-lock"></span>
9 <input type="password" name="pass" placeholder="Password">
10 </div>
11 <div class="forgot-password">
12 <a href="#">Forgot password?</a>
13 </div>
14 <input type="submit" class="submit" value="LOGIN">
15 <span class="login-form-copy">Don't have an account? <a href="signup.php" class="login-form__sign-up">Sign up</a></span>
16 </form>
17 <?php
18 if ($_SERVER["REQUEST_METHOD"] == "POST")
19 {
20     $email=$_POST['email'];
21     $pass=$_POST['pass'];
22     $query = "SELECT * FROM details WHERE email='$email' AND password='$pass'";
23     $result = mysqli_query($conn, $query)or die(mysqli_error($conn));
24     $num = mysqli_num_rows($result);
25     if ($num==0) {
26         echo '<script>alert("Invalid Credentials")</script>';
27     } else {
28         $row = mysqli_fetch_array($result);
29         $_SESSION['email'] = $row['email'];
30         $_SESSION['user_id'] = $row['id'];
31         $_SESSION['name']=$row['name'];
32         header('location: index.php');
33     }
34 }
35 <?>
```

USER LOGOUT

```
logout.php
1 <?php
2 require("connect.php");
3 session_unset();
4 session_destroy();
5 header('location: login.php');
6 <?>
```

USER OPERATIONS

```
<!-- Vertical navbar -->
<div class="vertical-nav bg-white" id="sidebar">
  <div class="py-4 px-3 mb-4 bg-light">
    <div class="media d-flex align-items-center">
      
      <div class="media-body">
        <h4 class="m-0"><?php echo $_SESSION['name']; ?></h4>
      </div>
    </div>
  </div>
</div>

<ul class="nav flex-column bg-white mb-0">
  <li class="nav-item">
    <a href="index.php" class="nav-link text-dark">
      <i class="fa fa-home mr-3 text-dark fa-fw"></i>
      Home
    </a>
  </li>
</ul>
<br>
```

```
<p class="text-dark font-weight-bold text-uppercase px-3 small pb-4 mb-0">Operations</p>

<ul class="nav flex-column bg-white mb-0">
  <li class="nav-item">
    <a href="createbill.php" class="nav-link text-dark bg-light">
      <i class="fa fa-pencil-square-o mr-3 text-dark fa-fw"></i>
      Create Bill
    </a>
  </li>
  <li class="nav-item">
    <a href="managebill.php" class="nav-link text-dark">
      <i class="fa fa-bar-chart mr-3 text-dark fa-fw"></i>
      Manage Bill
    </a>
  </li>
  <li class="nav-item">
    <a href="generatereport.php" class="nav-link text-dark">
      <i class="fa fa-window-restore mr-3 text-dark fa-fw"></i>
      Generate Report
    </a>
  </li>
  <li class="nav-item">
    <a href="productshorthand.php" class="nav-link text-dark">
      <i class="fa fa-th-list mr-3 text-dark fa-fw"></i>
      Product Shorthand
    </a>
  </li>
  <li class="nav-item">
    <a href="giveawaygenerator.php" class="nav-link text-dark">
      <i class="fa fa-gift mr-3 text-dark fa-fw"></i>
      Giveaway Generator
    </a>
  </li>
</ul>

<div class="mt-5 text-center">
  <button type="button" class="btn btn-dark"><a href="logout.php" style="color:white;text-decoration: none;">Logout</a></button>
```

CREATE BILL

```
?>php
if (isset($_POST['addbill']))
{
    $userid=$_SESSION['user_id'];
    $billid = $_SESSION['billno'];
    $mode=$_POST['mode'];
    $_SESSION['mode']=$mode;

    $cust_name=$_POST['name'];
    $_SESSION['cust_name']=$cust_name;

    $cust_addr=$_POST['addr'];
    $_SESSION['cust_addr']=$cust_addr;

    $cust_mob=$_POST['mob'];
    $_SESSION['cust_mob']=$cust_mob;

    $cust_email=$_POST['email'];
    $_SESSION['cust_email']=$cust_email;

    $prod_code=$_POST['pcode'];
    $prod_quantity=$_POST['quantity'];
    $prod_price=$_POST['price'];
    $query = "INSERT INTO bills(user_id,bill_id,mode,cust_name,cust_addr,cust_mob,cust_email,prod_code,prod_quantity,prod_price) VALUES ('$userid','$billid','$mode','$cust_name','$cust_addr','$cust_mob','$cust_email','$prod_code','$prod_quantity','$prod_price')";
    $result = mysqli_query($conn, $query)or die(mysqli_error($conn));
    echo("<meta http-equiv='refresh' content='1'>");
}
$user=$_SESSION['user_id'];
$sql = "SELECT * FROM bills WHERE user_id='$user' AND bill_id='$val1'";
$result = mysqli_query($conn, $sql);
$sql1="SELECT SUM(prod_quantity*prod_price) AS TOTAL FROM bills WHERE user_id='$user' AND bill_id='$val1'";
$result1=mysqli_query($conn, $sql1);
$row1 = mysqli_fetch_assoc($result1);
echo "<div class='container-fluid'><hr style='border-top: 1px dashed rgb(255, 255, 255);'><center><table class='table'><tr><th>ID</th><th>Item Name</th><th>Quantity</th><th>Price</th><th>Total</th></tr><tbody><tr><td><b>$count</b></td><td><b>$row1['prod_code']</b></td><td><b>$row1['prod_quantity']</b></td><td><b>$row1['prod_price']</b></td><td><b>$row1['total']</b></td></tr></tbody></table></div>";
while($row = mysqli_fetch_assoc($result))
{
    echo "<tr><td>".$count."</td><td>".$row['prod_code']."</td><td>".$row['prod_quantity']."</td><td>".$row['prod_price']."</td><td>".$row['total']."</td></tr>";
    $count++;
}
echo "<tr><td></td><td></td><td></td><td></td><td><b>Total: RS ".$row1['TOTAL']."</b></td></tr>";
echo "</table><center></div>";
?>
```

```
$prod_code=$_POST['pcode'];
$prod_quantity=$_POST['quantity'];
$prod_price=$_POST['price'];
$query = "INSERT INTO bills(user_id,bill_id,mode,cust_name,cust_addr,cust_mob,cust_email,prod_code,prod_quantity,prod_price) VALUES ('$userid','$billid','$mode','$cust_name','$cust_addr','$cust_mob','$cust_email','$prod_code','$prod_quantity','$prod_price')";
$result = mysqli_query($conn, $query) or die(mysqli_error($conn));
echo("<meta http-equiv='refresh' content='1'>");
}
$user=$_SESSION['user_id'];
$sql = "SELECT * FROM bills WHERE user_id='$user' AND bill_id='$val1'";
$result = mysqli_query($conn, $sql);
$sql1="SELECT SUM(prod_quantity*prod_price) AS TOTAL FROM bills WHERE user_id='$user' AND bill_id='$val1'";
$result1=mysqli_query($conn, $sql1);
$row1 = mysqli_fetch_assoc($result1);
echo "<div class='container-fluid'><hr style='border-top: 1px dashed rgb(255, 255, 255);'><center><table class='table'><tr><th>ID</th><th>Item Name</th><th>Quantity</th><th>Price</th><th>Total</th></tr><tbody><tr><td><div class='text-center'><div class='font-weight-bold'>ID</div><div class='font-weight-normal'>$row1['bill_id']</div></div></td><td><div class='text-center'><div class='font-weight-bold'>Item Name</div><div class='font-weight-normal'>$row1['cust_name']</div></div></td><td><div class='text-center'><div class='font-weight-bold'>Quantity</div><div class='font-weight-normal'>$row1['prod_quantity']</div></div></td><td><div class='text-center'><div class='font-weight-bold'>Price</div><div class='font-weight-normal'>$row1['prod_price']</div></div></td><td><div class='text-center'><div class='font-weight-bold'>Total</div><div class='font-weight-normal'>$row1['TOTAL']</div></div></td></tr></tbody></table></center></div>";
}
}
?>
</div> <br>
<div style="display: flex; justify-content:center" class="text-center">
    <form action="savebill.php" method="POST">
        <button type="submit" name="savebill" class="btn btn-light">Save Bill</button>
    </form>
</div>
```

GENERATE REPORT

```
<?php
$con = mysqli_connect("localhost","root","","billing");

if(isset($_POST['from_date']) && isset($_POST['to_date']))
{
    $from_date = $_POST['from_date'];
    $_SESSION['from_date'] = $_POST['from_date'];
    $to_date = $_POST['to_date'];
    $_SESSION['to_date'] = $_POST['to_date'];
    $sesid=$_SESSION['user_id'];

    $query = "SELECT bill_id, mode, cust_name, cust_mob, prod_quantity, prod_price*prod_quantity AS totalcost FROM
bills WHERE user_id='$sesid' AND date BETWEEN '$from_date' AND '$to_date' GROUP BY cust_mob";
    $query_run = mysqli_query($con, $query);
    $countervar = 1;

    if(mysqli_num_rows($query_run) > 0)
    {
        foreach($query_run as $row)
        {
            <tr>
            <td><?php echo $countervar; ?></td>
            <td><?php echo $row['bill_id']; ?></td>
            <td><?php echo $row['mode']; ?></td>
            <td><?php echo $row['cust_name']; ?></td>
            <td><?php echo $row['cust_mob']; ?></td>
            <td><?php echo $row['prod_quantity']; ?></td>
            <td><?php echo $row['totalcost']; ?></td>
            </tr>
            <?php
            $countervar++;
        }
    }
    else
    {
        echo "<span class='text-white'>". "No Record Found". "</span> <br>";
    }
}
?>
</tbody>
</table> <br>
<div style="display: flex; justify-content:center" class="text-center">
<form action="reportaspdf.php" method="POST">
```

```
reportaspdf.php > ...
1 <?php
2 include 'connect.php';
3 require_once('tcpdf/tcpdf.php');
4 $obj_pdf = new TCPDF('P', PDF_UNIT, PDF_PAGE_FORMAT, true, 'UTF-8', false);
5 $obj_pdf->SetCreator(PDF_CREATOR);
6 $obj_pdf->SetTitle("YOUR BILL REPORT");
7 $obj_pdf->SetHeaderData('', '', PDF_HEADER_TITLE, PDF_HEADER_STRING);
8 $obj_pdf->setHeaderFont(array(PDF_FONT_NAME_MAIN, '', PDF_FONT_SIZE_MAIN));
9 $obj_pdf->setFooterFont(array(PDF_FONT_NAME_DATA, '', PDF_FONT_SIZE_DATA));
10 $obj_pdf->setDefaultMonospacedFont('helvetica');
11 $obj_pdf->SetFooterMargin(PDF_MARGIN_FOOTER);
12
13 $obj_pdf->SetMargins(PDF_MARGIN_LEFT,'0',PDF_MARGIN_RIGHT);
14 $obj_pdf->setPrintHeader(false);
15 $obj_pdf->setPrintFooter(false);
16 $obj_pdf->SetAutoPageBreak(TRUE, 10);
17 $obj_pdf->SetFont('helvetica', '', 12);
18 $obj_pdf->setPrintHeader(false);
19 $obj_pdf->AddPage();
20
21 $content = "";
22 $content .= "
23 <center><h3>Your Bill Report</h3></center><br><hr><br><br>
24 <table class='table text-white table-border'>
25     <thead>
26     <tr>
27         <th>Id</th>
28         <th>Bill Id</th>
29         <th>Mode</th>
30         <th>Name</th>
31         <th>Mobile</th>
32         <th>Quantity</th>
33         <th>Total Cost</th>
34     </tr>
35     </thead>
36     <tbody>";
```

GENERATE GIVEAWAY

```
<div class="form-group row d-flex justify-content-center">
  <div class="btn-toolbar mr-3 ml-4" role="toolbar" aria-label="Toolbar with button groups">
    <div class="btn-group" role="group" aria-label="First group">
      <button type="submit" name="submit" class="btn btn-light"><b>Generate</b></button>
    </div>
  </div>
</div>
</form>
<?php
if ($_SERVER["REQUEST_METHOD"] == "POST")
{
    $id=$_SESSION['user_id'];
    $n=$_POST['rec'];
    $sql = "SELECT DISTINCT(cust_name),cust_mob,cust_email FROM bills WHERE user_id='$id' ORDER BY RAND() LIMIT ".$n;
    $result = mysqli_query($conn, $sql);
    echo "<div class='container'><center><table class='table'><tr>
<th>ID</th><th>Name</th><th>Mobile</th><th>Email</th></tr>";
        $count=1;
        while($row = mysqli_fetch_assoc($result))
        {
            echo "<tr><td>".$count."</td><td>".$row['cust_name']."</td><td>".$row['cust_mob'].
            "</td><td>".$row['cust_email']."</td></tr>";
            $count++;
        }
        echo "</table><center></div>";
    }
?>
</div>
```

PRODUCT SHORTHAND

```
<div class="col-sm-5">
  <?php
  $value=$_SESSION['user_id'];
  $sql="SELECT * FROM products WHERE user_id='$value'";
  $result = mysqli_query($conn,$sql);
  $num_rows = mysqli_num_rows($result);
  if ($num_rows>= 1) {
    echo "<center><table class='table'><tr><th>ID</th><th>Code</th><th>Item Name</th><th>Price</th></tr>";
    $count=1;
    while($num_rows!=0)
    {
        $row = mysqli_fetch_assoc($result);
        echo "<tr><td>".$count."</td><td>".$row['code']."</td><td>".$row['prod_name']."</td><td>".$row['price']."</td></tr>";
        $num_rows--;
        $count++;
    }
    echo "</table><center>";
  }else{
    echo "<center><h3>Database is empty!!</h3></center>";
  }
?>
</div>
</div>
</div>
```

RETRIEVE BILLS

```
retrieve.php > ...
1 <?php
2 include 'connect.php';
3 if (!isset($_SESSION['email'])) {
4     header('location: login.php');
5 }
6 if(isset($_GET['codeval'])){
7     $item=$_GET['codeval'];
8     $query = "SELECT prod_name FROM products WHERE user_id=".$_SESSION['user_id']." AND code='$item'";
9     $result = mysqli_query($conn, $query)or die(mysqli_error($conn));
10    while($row = mysqli_fetch_assoc($result))
11    {
12        echo $row['prod_name'];
13    }
14 }
15 if(isset($_GET['priceval'])){
16     $item=$_GET['priceval'];
17     $query = "SELECT price FROM products WHERE user_id=".$_SESSION['user_id']." AND code='$item'";
18     $result = mysqli_query($conn, $query)or die(mysqli_error($conn));
19     while($row = mysqli_fetch_assoc($result))
20     {
21         echo $row['price'];
22     }
23 }
24 ?>
```

CONNECTION PHP CODE

```
connect.php > ...
1 <?php
2 $conn = mysqli_connect("127.0.0.1", "root", "", "billing")or die(mysqli_error($conn));
3 if(!isset($_SESSION))
4 {
5     session_start();
6 }
7 ?>
```

REQUIRED CSS

```
1 body {
2     background-color: #485461;
3     background-image: linear-gradient(315deg, #485461 0%, #28313b 74%);
4     min-height: 100vh;
5     overflow-x: hidden;
6 }
7 .vertical-nav {
8     min-width: 17rem;
9     width: 17rem;
10    height: 100vh;
11    position: fixed;
12    top: 0;
13    left: 0;
14    box-shadow: 3px 3px 10px rgba(0, 0, 0, 0.1);
15    transition: all 0.4s;
16 }
17 .page-content {
18     width: calc(100% - 17rem);
19     margin-left: 17rem;
20     transition: all 0.4s;
21 }
22
23 #sidebar.active {
24     margin-left: -17rem;
25 }
26
27 #content.active {
28     width: 100%;
29     margin: 0;
30 }
31
32 .separator {
33     margin: 3rem 0;
34     border-bottom: 1px dashed #fff;
35 }
36
37 .text-uppercase {
38     letter-spacing: 0.1em;
39 }
40 .text-gray {
41     color: #aaa;
42 }
```