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

# CSE1005 : SOFTWARE ENGINEERING

# Web based Billing Software (WBS)

## Team Members

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# CODE SNAPSHOTS

## USER SIGN UP

```php
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-vcard-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

```php
<form method="post" action="" class="login">
    <header>LOGIN</header>
    <div class="field">
        <span class="fa fa-user"></span>
        <input type="email" name="email" placeholder="Email ID">
    </div>
    <div class="field">
      <span class="fa fa-lock"></span>
      <input type="password" name="pass" placeholder="Password">
    </div>
    <div class="forgot-password">
        <a href="#">Forgot password?</a>
    </div>
    <input type="submit" class="submit" value="LOGIN">
    <span class="logn-form-copy">Don't have an account? <a href="signup.php" class="login-form__sign-up">Sign up</a></span>
</form>
<?php
    if ($_SERVER["REQUEST_METHOD"] == "POST")
    {
        $email=$_POST['email'];
        $pass=$_POST['pass'];
        $query = "SELECT * FROM details WHERE email='$email' AND password='$pass'";
        $result = mysqli_query($conn, $query)or die($mysqli_error($conn));
        $num = mysqli_num_rows($result);
        if ($num==0) {
          echo '<script>alert("Invalid Credentials")</script>';
        } else {
          $row = mysqli_fetch_array($result);
          $_SESSION['email'] = $row['email'];
          $_SESSION['user_id'] = $row['id'];
          $_SESSION['name']=$row['name'];
          header('location: index.php');
        }
    }
?>
```

# USER LOGOUT

```php
<?php
  require("connect.php");
  session_unset();
  session_destroy();
  header('location: login.php');
?>
```

# USER OPERATIONS

```html
<!-- 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">
      <img loading="lazy" src="pic.jpg" alt="..." width="80" height="80" class="mr-3 rounded-circle img-thumbnail shadow-sm">
      <div class="media-body">
        <h4 class="m-0"><?php echo $_SESSION['name']; ?></h4>

      </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>
```

```html
<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
<?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','$billi
     $result = mysqli_query($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</t
         $count=1;
         while($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['pr
             $count++;
         }
         echo "<tr><td></td><td></td><td></td><td></td><td><b>Total: RS ".$row1['TOTAL']."</b></td></tr>";
         echo "</table><center></div>";
?>
```

```php
     $prod_code=$_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','$billi
     $result = mysqli_query($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</t
         $count=1;
         while($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['pr
             $count++;
         }
         echo "<tr><td></td><td></td><td></td><td></td><td><b>Total: RS ".$row1['TOTAL']."</b></td></tr>";
         echo "</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
<?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><?= $row['bill_id']; ?></td>
                    <td><?= $row['mode']; ?></td>
                    <td><?= $row['cust_name']; ?></td>
                    <td><?= $row['cust_mob']; ?></td>
                    <td><?= $row['prod_quantity']; ?></td>
                    <td><?= $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">
```

```php
<?php
    include 'connect.php';
    require_once('./tcpdf/tcpdf.php');
    $obj_pdf = new TCPDF('P', PDF_UNIT, PDF_PAGE_FORMAT, true, 'UTF-8', false);
    $obj_pdf->SetCreator(PDF_CREATOR);
    $obj_pdf->SetTitle("YOUR BILL REPORT");
    $obj_pdf->SetHeaderData('', '', PDF_HEADER_TITLE, PDF_HEADER_STRING);
    $obj_pdf->setHeaderFont(array(PDF_FONT_NAME_MAIN, '', PDF_FONT_SIZE_MAIN));
    $obj_pdf->setFooterFont(array(PDF_FONT_NAME_DATA, '', PDF_FONT_SIZE_DATA));
    $obj_pdf->setDefaultMonospacedFont('helvetica');
    $obj_pdf->SetFooterMargin(PDF_MARGIN_FOOTER);

    $obj_pdf->SetMargins(PDF_MARGIN_LEFT,'0',PDF_MARGIN_RIGHT);
    $obj_pdf->setPrintHeader(false);
    $obj_pdf->setPrintFooter(false);
    $obj_pdf->SetAutoPageBreak(TRUE, 10);
    $obj_pdf->SetFont('helvetica', '', 12);
    $obj_pdf->setPrintHeader(false);
    $obj_pdf->AddPage();

    $content = "";
    $content .= "
    <center><h3>Your Bill Report</h3></center><br><hr><br><br>
    <table class='table text-white table-border'>
        <thead>
            <tr>
                <th>Id</th>
                <th>Bill Id</th>
                <th>Mode</th>
                <th>Name</th>
                <th>Mobile</th>
                <th>Quantity</th>
                <th>Total Cost</th>
            </tr>
        </thead>
        <tbody>";
```

## GENERATE GIVEAWAY

```php
            <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>
        </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

```php
<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

```php
<?php
    include 'connect.php';
    if (!isset($_SESSION['email'])) {
        header('location: login.php');
    }
    if(isset($_GET['codeval'])){
        $item=$_GET['codeval'];
        $query = "SELECT prod_name FROM products WHERE user_id=".$_SESSION['user_id']." AND code='$item'";
        $result = mysqli_query($conn, $query)or die($mysqli_error($conn));
        while($row = mysqli_fetch_assoc($result))
        {
            echo $row['prod_name'];
        }
    }
    if(isset($_GET['priceval'])){
        $item=$_GET['priceval'];
        $query = "SELECT price FROM products WHERE user_id=".$_SESSION['user_id']." AND code='$item'";
        $result = mysqli_query($conn, $query)or die($mysqli_error($conn));
        while($row = mysqli_fetch_assoc($result))
        {
            echo $row['price'];
        }
    }
?>
```

## CONNECTION PHP CODE

```php
<?php
$conn = mysqli_connect("127.0.0.1", "root", "", "billing")or die($mysqli_error($conn));
if(!isset($_SESSION))
{
    session_start();
}
?>
```

## REQUIRED CSS

```css
body {
    background-color: #485461;
    background-image: linear-gradient(315deg, #485461 0%, #28313b 74%);
    min-height: 100vh;
    overflow-x: hidden;
}
.vertical-nav {
    min-width: 17rem;
    width: 17rem;
    height: 100vh;
    position: fixed;
    top: 0;
    left: 0;
    box-shadow: 3px 3px 10px rgba(0, 0, 0, 0.1);
    transition: all 0.4s;
}
.page-content {
    width: calc(100% - 17rem);
    margin-left: 17rem;
    transition: all 0.4s;
}

#sidebar.active {
    margin-left: -17rem;
}

#content.active {
    width: 100%;
    margin: 0;
}

.separator {
    margin: 3rem 0;
    border-bottom: 1px dashed #fff;
}

.text-uppercase {
    letter-spacing: 0.1em;
}
.text-gray {
    color: #aaa;
}
```

# OUTPUT SNAPSHOTS

## LOGIN PAGE



## HOME PAGE

# CREATE BILL PAGE

## Hydra

- Home

**OPERATIONS**

- Create Bill
- Manage Bill
- Generate Report
- Product Shorthand
- Giveaway Generator

Logout

☰ MENU

# CREATE BILL

+ NEW BILL

Bill no. | 164 | Mode | UPI

Name | OLIV Store | Address | VITAP Campus
Mobile No. | 7846301229 | Email | oliv@gmail.com

Code | | Item | | Quantity | | Price |

**Add**

| ID | Item Name | Quantity | Price | Amount |
|----|-----------|----------|-------|--------|
| 1 | SILK | 5 | 100 | 500 |
| 2 | A70 | 3 | 29000 | 87000 |
| 3 | PB | 2 | 1000 | 2000 |
| | | | | **Total: RS 89500** |

# REPORT GENERATION PAGE

- Home

**OPERATIONS**

- Create Bill
- Manage Bill
- Generate Report
- Product Shorthand
- Giveaway Generator

Logout

From Date
01/11/2021

To Date
15/11/2021

Click to Filter
Submit

| Id | Bill Id | Mode | Customer Name | Customer Mobile | Quantity | Total Cost |
|----|---------|------|---------------|-----------------|----------|------------|
| 1 | 150 | UPI | Shivaji | 6768221479 | 2 | 340 |
| 2 | 160 | Cash | Sai | 7676767676 | 2 | 40 |
| 3 | 164 | UPI | OLIV Store | 7846301229 | 5 | 500 |
| 4 | 163 | UPI | Nikki | 8309908635 | 2 | 58000 |
| 5 | 151 | UPI | Prasad | 8787878787 | 2 | 40 |
| 6 | 157 | Cash | Gudi | 9398589364 | 5 | 500 |
| 7 | 156 | Cash | Raju | 9785463211 | 4 | 80 |
| 8 | 154 | Cash | Seshank | 9898989898 | 2 | 40 |

Print | Download

# PDF REPORT GENERATED

1 / 1 | 100% +

**Your Bill Report**

| Id | Bill Id | Mode | Name | Mobile | Quantity | Total Cost |
|----|---------|------|------|--------|----------|------------|
| 1 | 150 | UPI | Shivaji | 6768221479 | 2 | 340 |
| 2 | 160 | Cash | Sai | 7676767676 | 2 | 40 |
| 3 | 164 | UPI | OLIV Store | 7846301229 | 5 | 500 |
| 4 | 163 | UPI | Nikki | 8309908635 | 2 | 58000 |
| 5 | 151 | UPI | Prasad | 8787878787 | 2 | 40 |
| 6 | 157 | Cash | Gudi | 9398589364 | 5 | 500 |
| 7 | 156 | Cash | Raju | 9785463211 | 4 | 80 |
| 8 | 154 | Cash | Seshank | 9898989898 | 2 | 40 |

# PRODUCT SHORTHAND PAGE

**Hydra**

Home

OPERATIONS

Create Bill
Manage Bill
Generate Report
Product Shorthand
Giveaway Generator

Logout

≡ MENU

## PRODUCT SHORTHAND

Product Code: NCS

Product Name: Nachos

Product Price: 30

**Add Record**

| ID | Code | Item Name | Price |
|----|------|-----------|-------|
| 1 | SILK | Dairy Milk | 100 |
| 2 | A70 | Samsung A70 | 29000 |
| 3 | PB | Powerbank | 1000 |
| 4 | NCS | Nachos | 30 |

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# GIVEAWAY PAGE

**Hydra**

- Home

**OPERATIONS**

- Create Bill
- Manage Bill
- Generate Report
- Product Shorthand
- Giveaway Generator

Logout

## GIVEAWAY GENERATOR

☰ MENU

Number of records: 2

Generate

| ID | Name | Mobile | Email |
|----|------|--------|-------|
| 1 | Prasad | 8787878787 | prasad@gmail.com |
| 2 | Harshith | 8787878787 | k@gmail.com |

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