# Code for code inspection

**Team**: SAAS

**Meambers**:

Anvesh Athmakuri (11116468)

Srikanth Pusapati (11157128)

Sudhira Badugu(11157939)

Ashik shaik(11167689)

**Description**:

The Project has different modules in it, namely:

1. The Admin Module Key feature being: -
   1. Update the cakes that are available.
2. The Customer Module: -
   1. Once logged in, he can check the available cakes in the site.
   2. Place order for a cake.
   3. Provide shipping details which includes date of delivery, time of delivery and mailing address.
   4. Provide feedback of the site after placing the order.
3. The Deliverer Module: -
   1. Check all the orders that are available for delivery.
   2. Confirm he deliveries order within the time.

Code for the respective modules.

1. **Admin Module**
   1. This module is to Update the cake cakes in database.

/\*\*

\* Component name: “Update the cakes in database”

\*Component written by Srikanth.

\* This code if for the admin to upload a cake into the database, the respective cake details.

\* On November 14, 2016 Srikanth has committed the code for uploading a cake to the \*database.

\*On November 14,2016 Srikanth has updated the code for uploading a cake had changed \*updated session and variables according to the database.

\*On November 15, 2016 Sudhira has updated the code by intending and commenting the code.

\* In this component admin can add a cake by giving cake details like name,ingrediants,cost,image file so that it can be added into database.

\*\*/

**Code**:

<?php

/\*\*

\* function for "connect to database".

\*

\* @param servername - name of the server which is default localhost.

\* @param db\_username - database username, which is default root.

\* @param db\_password - database password, default is empty.

\* @param db\_name - database name, in this project it is 'onlinecakedelivery'.

\* @return conn - database connection object.

\* This method tries to connect to database with the provided details and if there is a connection error,

\* it prints out the error

\*\*/

function connectToDatabase($servername, $db\_username, $db\_password, $db\_name)

{

// Create connection to the database.

$conn = new mysqli ( $servername, $db\_username, $db\_password, $db\_name );

// Check connection

if ($conn->connect\_error) {

die ( "Connection failed: " . $conn->connect\_error );

}

//return the connection object.

return $conn;

}

?>

<?php

// variable for showcasing any error if produced during uploading the image.

$imageUploadError="";

// check if the submit button of the form for uploading the cake details is clicked or not.

if (isset ( $\_POST ["submit"] )) {

//check if cake name or cake price and the cake image is empty, proceed only if the fields are non-empty.

if(!empty($\_POST["cakeName"] ) ||!empty($\_POST["cakePrice"]) ||!empty($\_FILES["fileToUpload"])){

//declaring the target\_directory, initialized as 'img'; as img/ is the folder for all the images to be stored.

$target\_dir = "img/cakes/";

//declaring target\_file and then initlizing it with the path of the image that is to be uploaded.

$target\_file = $target\_dir . basename ( $\_FILES ["fileToUpload"] ["name"] );

//declaring a checking variable and initialized it to 0;

$uploadOk = 0;

$imageFileType = pathinfo ( $target\_file, PATHINFO\_EXTENSION );

// Check if image file is a actual image or fake image

if (getimagesize ( $\_FILES ["fileToUpload"] ["tmp\_name"] ) !== false) {

// Check if file already exists

if (file\_exists ( $target\_file )) {

$imageUploadError= "Sorry, file already exists.";

$uploadOk = 0;

//Check if the image file type is acceptable format or not.

} elseif ($imageFileType != "jpg" && $imageFileType != "png" && $imageFileType != "jpeg" && $imageFileType != "gif") {

$imageUploadError = "Sorry, only JPG, JPEG, PNG & GIF files are allowed.";

$uploadOk = 0;

} else {

//$imageUploadError = "File is an image - " . $check ["mime"] . ".";

$uploadOk = 1;

}

} else {

//updating file is not an image.

$imageUploadError = "File is not an image.";

$uploadOk = 0;

}

//variable cakeName is initialized to data given from the form feild .

$cakeName = $\_POST["cakeName"];

//variable cakeDetails is initialized.

$cakeDetails = $\_POST["cakeDetails"];

//variable cakeIngredients is initialized

$cakeIngredients= $\_POST["cakeIngredients"];

//variable cakePrice is initialized.

$cakePrice = $\_POST["cakePrice"];

// connection object is obtained.

$conn = connectToDatabase("localhost", "root", "","onlinecakedelivery");

// Execute sql query to insert image data into database

$stmt = $conn->prepare ( "INSERT INTO `cake\_details`(`cake\_name`,

`cake\_details`, `cake\_ingredients`, `cost\_item`, `cake\_image\_path`)

VALUES (?,?,?,?,?);");

// Bind the appropriate values that have to be inserted into db

$stmt->bind\_param ( "sssds", $cakeName, $cakeDetails, $cakeIngredients, $cakePrice, $cakeImagePath );

// Check if $uploadOk is set to 0 by an error

if ($uploadOk == 0) {

$imageUploadError = "Sorry, your file was not uploaded.";

} else {

// if everything is ok, try to upload file

if (move\_uploaded\_file ( $\_FILES ["fileToUpload"] ["tmp\_name"], $target\_file )) {

echo "The file " . basename ( $\_FILES ["fileToUpload"] ["name"] ) . " has been uploaded.";

//if image is uploaded to the desired database folder

$cakeImagePath = basename ( $target\_file );

//Execute the sql statment.

$stmt->execute ();

if(isset($\_SESSION["userType"])){

//displaying the success message.

echo "Sucessfully updated the cake.";

}

//close the connection.

$conn->close ();

} else {

$imageUploadError = "Sorry, there was an error uploading your file.";

}

}

}else{

//Display the error message.

$imageUploadError ="has error please check.";

}

}

/\*\*

\* redirectBrowser for updating the url the page has to redirect according to user type.

\*

\* @param userType The type of the user,i.e admin, customer, deliverer.

\* @return rediretpage The string to which the page has to be redirected.

\*\*/

function redirectBrowser($userType){

if($userType == 'admin'){

$redirectpage= "Location: admin\_control.php";

}else if($userType =='customer'){

$redirectpage="Location: index\_Customer\_logged.php";

}else if($userType == 'deliverer'){

$redirectpage = "Location: customerOrders.php";

}

return $redirectpage;

}

?>

1. **Customer module**
   1. Once logged in, customer can check the available cakes in the site and select one of them.

/\*\*

\*Component Name: “Customer Login Page”.

\* Component written by Srikanth.

\* This code is to view cakes and select according to his wish.

\* On November 14, 2016 Srikanth has committed the code for uploading a cake to the \*database.

\*On November 15, 2016 Srikanth has updated the code by intending and commenting the code.

\* This code contains a query to retrieve all the rows from “cake\_details” table and display each cake in a grid containing cake image and details. It also contain a order button so that it redirect to checkout page.

**Code:**

\*\*/

// Include Header

<?php include'header.php' ?>

<?php

/\*\*

\* function for "connect to database".

\*

\* @param servername - name of the server which is default localhost.

\* @param db\_username - database username, which is default root.

\* @param db\_password - database password, default is empty.

\* @param db\_name - database name, in this project it is 'onlinecakedelivery'.

\* @return conn - database connection object.

\* This method tries to connect to database with the provided details and if there is a connection error,

\* it prints out the error

\*\*/

function connectToDatabase($servername, $db\_username, $db\_password, $db\_name){

// Create connection to the database.

$conn = new mysqli ( $servername, $db\_username, $db\_password, $db\_name );

// Check connection

if ($conn->connect\_error) {

die ( "Connection failed: " . $conn->connect\_error );

}

//return the connection object.

return $conn;

}

?>

<?php

// connecting to the database.

$con = connectToDatabase("localhost", "root", "","onlinecakedelivery");

// declaring a variable for select query.

$sql = " SELECT `cakeid`, `cake\_name`, `cake\_details`, `cake\_ingredients`,

`cost\_item`, `cake\_image\_path` FROM `cake\_details`";

//cursor variable for selecting the rows in the database.

$result = $con->query( $sql);

// condition for checking whether the cursor variable have more than one row.

if ($result->num\_rows > 0)

{

//retriving rows form the database.

while($row = $result->fetch\_assoc())

//declaring the variable cakeid and storing the value from the database.

$cakeId = $row["cakeid"];

// declaring the variable cakeName and storing the value from the database.

$cakeName = $row["cake\_name"];

// declaring the variable cakeDetails and storing the value from the database.

$cakeDetails = $row["cake\_details"];

// declaring the variable cake ingredients and storing the value from the database.

$cakeIngredients = $row["cake\_ingredients"];

// declaring the variable cakeCost and storing the value from the database.

$cakeCost = $row["cost\_item"];

// declaring the variable cakeImage and storing the value from the database

$cakeImage = $row["cake\_image\_path"];

?>

// the following html code is select the cake image followed by the php code for retriving the image from the database.

<li>

<figure>

<a class="aa-product-img" name="cakeSelected" href="checkout.php?cakeId=<?php echo $cakeId; ?>" >

<img src ="img/cakes/<?php echo $cakeImage; ?>" alt = "<?php echo $cakeName; ?>" width= "230px" height= "300px" />

// TODO Retrive image from database

<img src="img/cakes/2.jpg" alt="cartoon cake img">

</a>

<a class="aa-add-card-btn" name="cakeSelected" href="checkout.php?cakeId=<?php echo $cakeId;

?>">

<span class="fa fa-shopping-cart"></span>Order</a>

<figcaption>

<h4 class="aa-product-title">

<p><?php echo $cakeName ?></p>

</h4> <span class="aa-product-price"> $ <?php echo $cakeCost; ?></span>

</figcaption> </figure>

// product badge

<span class="aa-badge aa-sale">

<a href="#">SALE!</a>

</span>-->

</li>

<?php }

}

//if no cakes are avaialable the following code works

else{

echo " <li> No Cakes available. </li>" ;

}

?>

1. **Customer module**
2. Provide shipping details which includes date of delivery, time of delivery and mailing address.

/\*\*

\* Component Name: “Checkout Page”.

\* Component written by Sudhira Badugu

\* This code if for the customer to enter his shipping details..

\* On November 14, 2016 Sudhira has committed the code for uploading a cake to the \*database.

\*On November 15, 2016 Sudhira has updated the code by intending and commenting the code.

\* This code contains a query to insert a order into “order\_details” table. It contains two pages one HTML page to take shipping details and Submit button was clicked it redirects to “buy.php” where insert statement is written.

\*\*/

**Code**:

<?php

// includes the header file

include "header.php";

/\*\*

\* function for "connect to database".

\* @param servername - name of the server which is default localhost.

\* @param db\_username - database username, which is default root.

\* @param db\_password - database password, default is empty.

\* @param db\_name - database name, in this project it is 'onlinecakedelivery'.

\* @return conn - database connection object.

\* This method tries to connect to database with the provided details and if there is a connection error,

\* it prints out the error

\*\*/

function connectToDatabase($servername, $db\_username, $db\_password, $db\_name)

{

// Create connection to the database.

$conn = new mysqli ( $servername, $db\_username, $db\_password, $db\_name );

// Check connection

if ($conn->connect\_error) {

die ( "Connection failed: " . $conn->connect\_error );

}

//return the connection object.

return $conn;

}

// // check if the submit button of the form for the deliverer details is clicked or not.

if(isset($\_POST["submit"])){

//declaring a variable date\_Of\_Delivery for retrieving the customer cake delivery date.

$date\_Of\_Delivery = $\_POST['Date\_Of\_Delivery'];

//declaring a variable time\_Of\_DeliveryDelivery for retrieving the customer cake delivery time.

$time\_Of\_Delivery = $\_POST['Time\_Of\_Delivery'];

//declaring a variable email\_Address for retrieving the customer email.

$email\_Address = $\_POST['Email\_Address'];

//declaring a variable phone for retrieving the customer phone.

$phone = $\_POST['Phone'];

//declaring a variable address for retrieving the customer address.

$address = $\_POST['Address'];

//declaring a variable country for retrieving the customer country.

$country=$\_POST['country'];

//declaring a variable city for retrieving the customer city.

$city=$\_POST['city'];

//declaring a variable zip for retrieving the customer zip.

$zip=$\_POST['zip'];

//declaring a variable userid for retrieving the customer id.

$userid=$\_SESSION["userID"];

//declaring a variable cakeId for retrieving the cakeId.

$cakeId=$\_POST['cakeId'];

//initializing a variable order\_status for storing the status of order.

$order\_status="pending";

//initializing a variable payment\_status for storing the payment\_status .

$payment\_status="not\_yet\_paid";

//declaring a variable error\_message for storing error message.

$error\_message = "";

echo "Cake id ".$cakeId." userID ".$userid ." is printed";

// validation for date and time

$now =new DateTime();

if($now>=$date\_Of\_Delivery){

$error\_message="Invalid date of delivery and time of delivery.<br/>";

}

// declaring variable con to call function connectToDatabase and storing in it

$con= connectToDatabase("localhost", "root", "","onlinecakedelivery");

//Execute sql query to insert customer order details into database

$stmt1 = $con->prepare("INSERT INTO customer\_order(`userid`, `cakeid`, `deliverer\_id`, `date\_of\_delivery`,

`time\_of\_delivery`, `order\_status`, `order\_mailing\_address`, `city`, `zip`, `phone\_no`,

`payment\_status`) values (?,?,null,?,?,?,?,?,?,?,?)");

//Bind the appropriate values that have to be inserted into db

$stmt1->bind\_param("iissssssss",$userid,$cakeId,$date\_Of\_Delivery,$time\_Of\_Delivery,$order\_status,$address,$city,$zip,$phone,$payment\_status);

//execute sql statement

$stmt1->execute();

//redirect to feedback page when place order button is clicked

header("location: feedback.php");

}

//includes footer file

include 'footer.php';

?>

1. **Customer module**
   1. Provide feedback of the site after placing the order.

/\*\*

\* Component Name:”Feedback”

\*Component written by Ashik.

\*This file stores the feedback of the customer regarding the website in the database.

\* On November 15, 2016 Ashik has committed the feedback.php.

\* On November 15, 2016 Ashik has solved the merge issues.

\* On November 15,2016 Sudhira has formatted the code with comments

\* this code contain two pages one HTML page to take feedback regarding website. After clicking the submit button it redirects to “feedback\_script.php” where it contains insert query to insert feedback into feedback table.

\*\*/

**Code:**

<?php

/\*\*

\* function for "connect to database".

\*

\* @param servername - name of the server which is default localhost.

\* @param db\_username - database username, which is default root.

\* @param db\_password - database password, default is empty.

\* @param db\_name - database name, in this project it is 'onlinecakedelivery'.

\* @return conn - database connection object.

\* This method tries to connect to database with the provided details and if there is a connection error,

\* it prints out the error

\*\*/

function connectToDatabase($servername, $db\_username, $db\_password, $db\_name){

// Create connection to the database.

$conn = new mysqli ( $servername, $db\_username, $db\_password, $db\_name );

// Check connection

if ($conn->connect\_error) {

die ( "Connection failed: " . $conn->connect\_error );

}

//return the connection object.

return $conn;

}

//variable UI\_rating is initialized to data given from the form feild

$UI\_rating = $\_POST['UI\_rating'];

//variable cake\_available is initialized to data given from the form feild

$cake\_available=$\_POST['cake\_available'];

//variable suggest is initialized to data given from the form feild

$suggest= $\_POST['suggest'];

//variable worth is initialized to data given from the form feild

$worth = $\_POST['worth'];

//variable comment is initialized to data given from the form feild

$comment= $\_POST['comment'];

// connection object is obtained.

$conn =connectToDatabase("localhost", "root", "","onlinecakedelivery");

//Execute sql query to insert feedback data into database

$sql = "INSERT INTO feedback (UI\_rating,cake\_available,suggest,worth,comment) VALUES

('".$UI\_rating."', '".$cake\_available."','".$suggest."','".$worth."','".$comment."')";

//results are stored

$result = $conn->query($sql);

header("location: success.php");

mysql\_close($conn);

?>

3) **Deliverer Module**

a) Check all the orders that are available for delivery.

/\*\*

\*Component Name: “Display Available Orders”

\*Component written by Anvesh Athmakuri

\*This component is used when deliverer logins to the system.

\*On 4th November, 2016 Anvesh has written the code

\*On 6th November, 2016 Srikanth reviewed the code and suggested to change local variable names, to use coding standards

\* On 9th November, 2016 Anvesh updated the code according to Srikanth suggestions.

\* On 10th November, 2016 Database tables have been updated by Srikanth.

\* On 12th November, 2016 Anvesh updated the code according to updated database.

\* On 13th November, 2016 Srikanth reviewed the code and got approved.

\* This component used to display all available orders of all customers where deliverer is not assigned.

\* Here we are writing a query to retrieve all orders having “order\_status” as "pending". These rows are displayed in table format and containing a “Pickup order” button so that logged in deliverer can confirm that he is going to deliver that order.

\*\*/

**Code**:

// Create connection

$conn = new mysqli ( $servername, $db\_username, $db\_password, $dbname );

// Check connection

if ($conn->connect\_error) {

die ( "Connection failed: " . $conn->connect\_error );

}

// Retreiving all orders having order\_staus as "pending"

$stmt1 = "SELECT o.orderid, o.date\_of\_delivery, o.time\_of\_delivery, o.order\_mailing\_address, o.city, o.zip, c.cake\_name, c.cost\_item FROM `cake\_details` c JOIN `customer\_order` o ON o.cakeid = c.cakeid WHERE o.order\_status='pending' ";

$result = $conn->query ( $stmt1 );

// Displaying orders logic

<?php

if ($result->num\_rows > 0) {

// Fetching all the rows in orders table having order\_status as "pending" and here we are displaying in //table

while ( $row = $result->fetch\_assoc () ) {

?>

<tr>

<td><?php echo($row["date\_of\_delivery"]); ?></td>

<td><?php echo($row["time\_of\_delivery"]); ?></td>

<td><?php echo $row["order\_mailing\_address"]." ".$row["city"]." ".$row["zip"]; ?></td>

<td><?php echo($row["cake\_name"]); ?></td>

<td><?php echo($row["cost\_item"]); ?></td>

<!-- This "Pick customer order" button is used to confirm that current logged in deliverer is gooing to deliver that order -->

<td><input type="submit" name="selectcustomer\_order" value ="Pick Customer Order" /></td>

<!-- Here orderid is hidden item the main purpose is to send orderid value to "deliverer\_selectedOrder.php" file -->

<td><input type="hidden" name = "orderid" value="<?php echo($row["orderid"]); ?>" /></td>

</tr>

<?php

} // end of while loop

}//end of if block

else {

// If there are no current orders this message would be dispplayed

echo "There are no orders to be displayed";

} // end of else block

?>

3) Deliverer Module:

b) Confirm he deliveries order within the time & displaying all orders he has to deliver

/\*\*

\*Component Name: “Display all orders that current logged in deliverer should deliver”

\*Component written by Anvesh Athmakuri

\*This component is used when deliverer clicks pick up order button of any specific available orders.

\*On 5th November, 2016 Anvesh has written the code

\*On 7th November, 2016 Ashik reviewed the code and suggested to change local variable names, query logic

\* On 10th November, 2016 Anvesh updated the code according to Ashik suggestions.

\* On 11th November, 2016 Database tables have been updated by Srikanth.

\* On 12th November, 2016 Anvesh updated the code according to updated database.

\* On 13th November, 2016 Ashik reviewed the code and got approved.

\* This component used to display all orders that current logged in deliverer should deliver.

\* Here we are writing two query, one to update the “deliver\_id” to the specific order selected by deliverer. Second query is used to retrieve all orders that current logged in deliverer should deliver based on deliverer id. Here we display all rows retrieved by second query in table format.

\*\*/

Code:

<?php

// getting deliverid from sesssion

$deliverer\_id=$\_SESSION["userID"];

// This condition is used to check whether it is redirected from "deliverer\_customerOrders.php"

If (isset($\_POST["orderid"]))

{

//getting orderid from "deliverer\_customerOrders.php" page

$selected\_orderid= (int)$\_POST["orderid"];

// This query is used to update deliver\_id of specific selected order

$stmt2 = $conn->prepare("UPDATE `customer\_order` SET order\_status='confirmed',deliverer\_id=? WHERE orderid = ?");

// Taking values from local declared variables

$stmt2->bind\_param("ii", $deliverer\_id,$selected\_orderid);

$stmt2->execute();

} // end of if block

// This query is used to display all orders that logged in deliverer has to deliver

$stmt1 = $conn->prepare(" SELECT u.user\_name, o.date\_of\_delivery, o.time\_of\_delivery, o.order\_mailing\_address, o.city, o.zip, o.phone\_no,c.cake\_name, c.cost\_item FROM `customer\_order` o JOIN `cake\_details` c ON o.cakeid = c.cakeid JOIN `registration` u ON o.userid=u.userid WHERE o.order\_status = 'confirmed' and o.deliverer\_id=?");

$stmt1->bind\_param("i", $deliverer\_id);

$stmt1->execute();

$result = $stmt1->get\_result();

// this condition is used to check whether there are any orders that logged in deliverer has to deliver

if ($result->num\_rows > 0) {

?> //end of php code

<?php

// This is used to fetch each row retreived by query to get all orders that logged in deliverer has to deliver

while ( $row = $result->fetch\_assoc () ) {

?> // end of php code

<tr>

<td><?php echo($row["user\_name"]); ?></td>

<td><?php echo($row["date\_of\_delivery"]); ?></td>

<td><?php echo($row["time\_of\_delivery"]); ?></td>

<td><?php echo $row["order\_mailing\_address"]." ".$row["city"]." ".$row["zip"]; ?></td>

<td><?php echo($row["phone\_no"]); ?></td>

<td><?php echo($row["cake\_name"]); ?></td>

<td><?php echo($row["cost\_item"]); ?></td>

</tr>

<?php

} // end of while loop

} // end of if block

else {

// this is displayed if there are no orders that logged in deliverer has to deliver

echo "0 results";

} // end of else block

?>