

<?php

```
function getFoodTrucksAtLocation($locationID) {
    $db = new mysqli('localhost', 'gmorancr_phpuser', 'fcb5296', 'gmorancr_FoodTrucks');

    if ($db->connect_errno > 0) {
        die('Unable to connect to database [' . $db->connect_error . ']');
    }
    //$user = $db -> escape_string($user);
    $sql = "SELECT locationID, truckName FROM FoodTruckLocation, FoodTruck where
FoodTruckLocation.truckID = FoodTruck.truckID and '$locationID' =
FoodTruckLocation.locationID";

    if (!$result = $db->query($sql)) {
        die('There was an error running the query [' . $db->error . ']');
    }
    while($row = $result->fetch_assoc()) {
        echo $row['truckName'] . '<br />';
    }
    $result->free();
}
```

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function getFoodTruckMenuItems($truckName){
    $db = new mysqli('localhost', 'gmorancr_phpuser', 'fcb5296', 'gmorancr_FoodTrucks');

    if ($db->connect_errno > 0) {
        die('Unable to connect to database [' . $db->connect_error . ']');
    }
    //$user = $db -> escape_string($user);
    $sql = "SELECT menuitemName, menuitemPrice from Menu, FoodTruck where
Menu.truckID = FoodTruck.truckID and FoodTruck.truckName = '$truckName'";

    if (!$result = $db->query($sql)) {
        die('There was an error running the query [' . $db->error . ']');
    }

    while($row = $result->fetch_assoc()) {
        echo $row['menuitemName'];
        //echo $row['menuitemPrice'] . '<br />';
    }

    $result->free();
}
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function getFoodTruckHours($truckName){
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$db = new mysqli('localhost', 'gmorancr_phpuser', 'fcb5296', 'gmorancr_FoodTrucks');

if ($db->connect_errno > 0) {
    die('Unable to connect to database [' . $db->connect_error . ']');
}
// $user = $db -> escape_string($user);
$sql = "SELECT openingTime, closingTime, daysOpen from Hours, FoodTruck where
Hours.hoursID = FoodTruck.hoursID and FoodTruck.truckName = '$truckName'";

if (!$result = $db->query($sql)) {
    die('There was an error running the query [' . $db->error . ']');
}

while($row = $result->fetch_assoc()) {
    echo $row['openingTime'];
    echo $row['closingTime'];
    echo $row['daysOpen']. '<br />';
}

$result->free();
}

function getFoodTruckRating($truckName){
    $db = new mysqli('localhost', 'gmorancr_phpuser', 'fcb5296', 'gmorancr_FoodTrucks');

    if ($db->connect_errno > 0) {
        die('Unable to connect to database [' . $db->connect_error . ']');
    }
    // $user = $db -> escape_string($user);
    $sql = "SELECT ratingNumber, customerName from Rating, CustomerRating, Customer,
FoodTruck where Rating.ratingID = CustomerRating.ratingID and Customer.customerID =
CustomerRating.customerID and Rating.truckID = FoodTruck.truckID and
FoodTruck.truckName = '$truckName'";

    if (!$result = $db->query($sql)) {
        die('There was an error running the query [' . $db->error . ']');
    }

    while($row = $result->fetch_assoc()) {
        echo $row['ratingNumber'];
        echo $row['customerName'] . '<br />';
    }

    $result->free();
}

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function getFoodTruckContact($truckName){
    $db = new mysqli('localhost', 'gmorancr_phpuser', 'fcb5296', 'gmorancr_FoodTrucks');

    if ($db->connect_errno > 0) {
        die('Unable to connect to database [' . $db->connect_error . ']');
    }
    //$user = $db -> escape_string($user);
    $sql = "SELECT truckPhone, truckEmail from FoodTruck where truckName = '$truckName'";

    if (!$result = $db->query($sql)) {
        die('There was an error running the query [' . $db->error . ']');
    }

    while($row = $result->fetch_assoc()) {
        echo $row['truckPhone'];
        echo $row['truckEmail'] . '<br />';
    }

    $result->free();
}

```

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function addNewFoodTruck($hoursID, $openingTime, $closingTime, $daysOpen, $truckID,
$truckName, $truckPhone, $truckEmail){

    $db = new mysqli('localhost', 'gmorancr_phpuser', 'fcb5296', 'gmorancr_FoodTrucks');

    if ($db->connect_errno > 0) {
        die('Unable to connect to database [' . $db->connect_error . ']');
    }

    $hoursID    = $db -> escape_string($hoursID);
    $openingTime = $db -> escape_string($openingTime);
    $closingTime = $db -> escape_string($closingTime);
    $daysOpen   = $db -> escape_string($daysOpen);

    $truckName  = $db -> escape_string($truckName);
    $truckPhone = $db -> escape_string($truckPhone);
    $truckEmail = $db -> escape_string($truckEmail);

    $menuID      = $db -> escape_string($menuID);
    $menuItemName = $db -> escape_string($menuItemName);
    $menuItemPrice = $db -> escape_string($menuItemPrice);

    //insert into Hours values(hoursID, openingTime , closingTime, daysOpen);
    //insert into FoodTruck values(truckID, truckName, truckPhone, truckEmail, hoursID);
    //insert into Menu values(menuID, menuItemName, menuItemPrice, truckID);
}

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    $sql = "SELECT truckName, truckPhone, truckEmail from FoodTruck where truckName
= '$truckName'";

    if(!$result = $db->query($sql)) {
        die('There was an error running the query [' . $db->error . ']');
    }

    while($row = $result->fetch_assoc()) {
        $dbTruckName = $row['truckName'];
        $dbTruckPhone = $row['truckPhone'];
        $dbTruckEmail = $row['truckEmail'];
    }

    if ($dbTruckName == $truckName) {
        echo "Error: This entry already exists";

    }

    else {
        $newID = null;
        $sql1 = "INSERT INTO FoodTruck (truckID, truckName, truckPhone, truckEmail,
hoursID) VALUES (?, ?, ?, ?, ?)";
        $statement1 = $db->prepare($sql1);
        $statement1->bind_param('issss', $newID, $truckName, $truckPhone,
$truckEmail);

        if ($statement1->execute()) {
            //print 'Success! ID of last inserted record is : ' . $statement->insert_id . '<br />';
            //print "New Entry successfully submitted";
        }
        else {
            //die('Error : (' . $db->errno . ') ' . $db->error);
            echo "An error occurred while attempting to add an entry.";
            return;
        }
    }

    $sql2 = "INSERT INTO Hours (hoursID, openingTime, closingTime, daysOpen)
VALUES (?, ?, ?, ?)";
    $statement2 = $db->prepare($sql2);
    $statement1->bind_param('issss', $newID, $hoursID, $openingTime,
$closingTime, $daysOpen);

    if ($statement2->execute()) {
        //print 'Success! ID of last inserted record is : ' . $statement->insert_id . '<br />';
        //print "New Entry successfully submitted";
    }
    else {
        //die('Error : (' . $db->errno . ') ' . $db->error);
        echo "An error occurred while attempting to add an entry.";
    }

```

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    }
  }
}

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function addNewRating($customerName, $customerEmail, $ratingNumber, $truckID) {

    $db = new mysqli('localhost', 'gmorancr_phpuser', 'fcb5296', 'gmorancr_FoodTrucks');

    if ($db->connect_errno > 0) {
        die("Unable to connect to database [' . $db->connect_error . ']");
    }

    //Check if customer exists in database

    $sql = "SELECT customerName, customerEmail, customerID from Customer where
customerName = '$customerName'";

    if(!$result = $db->query($sql)) {
        die("There was an error running the query [' . $db->error . ']");
    }

    while($row = $result->fetch_assoc()) {
        $dbCustomerName = $row['customerName'];
        $dbCustomerEmail = $row['customerEmail'];
        $customerID = $row['customerID'];
    }

    if ($dbCustomerName != $customerName && $dbCustomerEmail != $customerEmail) {
        echo "Error: This account does not exist";
    }
    else { //Account exists

        //Insert rating into system

        $newRatingID = rand(0,9999999999);

        $sql = "INSERT INTO Rating (ratingID, ratingNumber, truckID) VALUES
(?, ?, ?)";

        $statement = $db->prepare($sql);
        $statement->bind_param('iss', $newRatingID, $ratingNumber, $truckID);

        if ($statement->execute()) {
            //print 'Success! ID of last inserted record is : ' . $statement->insert_id . '<br
/>';

            print "New Entry successfully submitted";
        }
        else {
            //die('Error : ('. $db->errno . ') '. $db->error);

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        echo "An error occurred while attempting to add an entry.";
    }

    //Insert rating into CustomerRating

    $sql = "INSERT INTO CustomerRating (customerID, ratingID) VALUES (?, ?)";
    $statement = $db->prepare($sql);
    $statement->bind_param('ii', $customerID, $newRatingID);

    if ($statement->execute()) {
        //print 'Success! ID of last inserted record is : ' . $statement->insert_id . '<br
/>';

        print "New Entry successfully submitted";
    }
    else {
        //die('Error : (' . $db->errno . ') ' . $db->error);
        echo "An error occurred while attempting to add an entry.";
    }
}

```

```

}

```

```

function obfuscatePassword($password) {
    return hash('sha512', $password);
}

```

```

function registerNewCustomer($customerName, $customerEmail, $customerPassword) {

    $db = new mysqli('localhost', 'gmorancr_phpuser', 'fcb5296', 'gmorancr_FoodTrucks');

    if ($db->connect_errno > 0) {
        die('Unable to connect to database [' . $db->connect_error . ']');
    }

    //Check if customer exists in database

    $sql = "SELECT customerName, customerEmail from Customer where customerName = '$customerName'";

    if (!$result = $db->query($sql)) {
        die('There was an error running the query [' . $db->error . ']');
    }

    while($row = $result->fetch_assoc()) {
        $dbCustomerName = $row['customerName'];
    }
}

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    }

    if ($dbCustomerName == $customerName) {
        echo "Error: This account already exists.";
    }

    else {

        $hashedPass = obfuscatePassword($customerPassword);

        $sql = "INSERT INTO Customer (customerID, customerName, customerEmail,
customerPassword) VALUES (?, ?, ?, ?)";
        $statement = $db->prepare($sql);
        $statement->bind_param('iss', null, $customerID, $customerName,
$customerEmail, $hashedPass);

        if ($statement->execute()) {
            //print 'Success! ID of last inserted record is : ' . $statement->insert_id . '<br
/>';

            print "New user has been registered";
        }
        else {
            //die('Error : ('. $db->errno .') '. $db->error);
            echo "An error occurred while attempting to add an entry.";
        }
    }
}

function login($email, $password) {

    $hashedPass = obfuscatePassword($password);

    $db = new mysqli('localhost', 'gmorancr_phpuser', 'fcb5296', 'gmorancr_FoodTrucks');

    if ($db->connect_errno > 0) {
        die('Unable to connect to database [' . $db->connect_error . ']');
    }

    //Check if customer exists in database

    $sql = "SELECT customerEmail, customerPassword from Customer where
customerName = '$customerName'";

    if (!$result = $db->query($sql)) {
        die('There was an error running the query [' . $db->error . ']');
    }
}

```

```
while($row = $result->fetch_assoc()) {  
    $dbCustomerPassword = $row['customerPassword'];  
}  
  
if ($hashedPass == $dbCustomerPassword) {  
    echo "Log in successful";  
}  
else {  
    echo "Wrong username/password.";  
}  
}
```

```
//getFoodTrucksAtLocation("6th Street");  
//  
//getFoodTruckMenuItems("Tacos");
```

```
//getFoodTruckHours("Tacos");
```

```
//getFoodTruckRating("Tacos");  
//getFoodTruckContact("Tacos");
```

```
    //addNewFoodTruck($hoursID, $openingTime, $closingTime, $daysOpen, $truckID,  
    $truckName, $truckPhone, $truckEmail, $menuID, $menuItemName, $menuItemPrice)
```

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?>
```