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CSIT355 Database Systems

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Application Design Documentation

## Usernames & Passwords

The E-commerce website developed, called ‘Crocoshop’, is accessible to multiple users with different views. The two main roles a user can be are a customer and admin. Below find some examples of login credentials from both parties.

- Admin:
  - Username: **Bob Good**; Password: **password123**
  - Username: **Betty White**; Password: **g0ld3ng1rl**
- Customer:
  - Username: **Jane MacGyver**; Password: **oldhab1t\$D13H4RD**
  - Username: **Peter Parker**; Password: **wheresuncleben**

## Summary

The purpose of this website is to implement an e-commerce website to be hosted on the university (Montclair State University) server. The site's theme is based on the recently released children's movie *Lyle, Lyle, Crocodile* (2022) which was originally written by Bernard Waber in 1965, please note that the movie is rated PG. After some development, the name 'Crocoshop' was coined as the site's title. Approximately 30 items either themed on the movie or based on crocodiles are available to be purchased on the site by customers. New users are also able to register on the site and begin browsing the storefront. Whenever a customer purchases a cart, a receipt is generated that would be used to fulfill the order from a warehouse. Overall, despite its simplicity, the site is functional and capable of storing information in a SQL database.

The inspiration from the site comes from other sites like Amazon, Ebay, Etsy, and others. The biggest shared characteristic between the Crocoshop and other sites is a general search and items listed in a tabular format (tabular being a list, details, tiles, content, etc). The credibility of these sites are granted since they have a lot of traffic from hundreds of millions of users.

## Client Analysis

The many different concepts analyzed from our client can be represented in anchor concepts (Assumptions & Requirements). Firstly, there are customers on the site. Customers have a password. A customer account tracks the address, birthdate, and sex of the user. On the site, customers may select from a wide variety of items to add to a cart. They may also remove items from the cart. If a customer is ready to purchase the contents of their cart, they simply checkout, and a receipt (containing all relevant order information) will be generated for the warehouse team. Additionally, admins have all the same functionality as a customer; however, they have an admin page to manipulate the items displayed. Admins may either list new items or delist current ones. When logging into the site, a different view is displayed for admins than the user.

## Business Plan

The Business plan addresses many different steps in the development process. Below find the plan and its respective milestones.

- Who is your client?
  - The client is a very enthusiastic entrepreneur with a love for crocodiles, hopefully.  
(Requirements for project delivered via Canvas)
- What is the contact information for your client?
  - Clarifications were made in person
- Why does this client want this website?
  - To fulfill all their crocodile lover needs.
- What are your products?
  - 1, 'Lyle Lyle The Crocodile Shirt'
  - 2, 'Chocolate Covered Cherries'
  - 3, 'Inflatable Crocodile'
  - 4, 'Lyle Mug'
  - 5, 'Lyle Puzzle'
  - 6, 'Lyle Calendar'
  - 7, 'Lyle Throw Pillow'
  - 8, 'Lyle Hoodie'
  - 9, 'Lyle Phone Case'
  - 10, 'Lyle Towel'
  - 11, 'Lyle Lyle The Crocodile 1965 Book'

- - 12, 'Lyle Lyle The Crocodile 2022 DVD'
  - 13, 'Lyle Lyle The Crocodile Poster'
  - 14, 'Lyle Pint Glass'
  - 15, 'Lyle Wine Glass'
  - 16, 'Lyle Shot Glass'
  - 17, 'Lyle Mouse Pad'
  - 18, 'Lyle Plushie'
  - 19, 'Lyle Throw Blanket'
  - 20, 'Lyle Rubix Cube'
  - 21, 'Lyle Stickers'
  - 22, 'Lyle Underwear'
  - 23, 'Lyle Beanie'
  - 24, 'Lyle 8.5x11 Watermarked Paper'
  - 25, 'Lyle Pants'
  - 26, 'Lyle Rug'
  - 27, 'Lyle Lyle The Crocodile Skirt'
  - 28, 'Lyle Baseball Cap'
  - 29, 'Lyle Backpack'
  - 30, 'Lyle Lyle The Crocodile Pencil Case'
- Who do you expect your client to be? Discuss what you think your client's expectations are going to be:

- The client would be a naive end user who would follow the displayed prompts to navigate through the website.
- What access do your various users have to your product? What are your users?
  - The current two user roles are an admin and shopper. The shopper is only able to add items to a cart to generate a new order; however, the admins have more functionality, for they can add and delete items from the site.
- Who is in the group?
  - N/A (Myself)
- Who is doing what?
  - N/A (Me - everything)

## Data Views

To implement the different data views, in my design, I utilized a concept from the Enhanced Entity Relational (EER) Diagram. In theoretical terms, the role of admin has partial participation in the role of customer. This implies that all admins are also customers, but not all customers are admins. Below find a picture of what this looks like in a relational model

**CUSTOMER**

CID	Name	Password	Address	Date of Birth	Sex
-----	------	----------	---------	---------------	-----

**ADMINS**

AID	CID
-----	-----

The implementation of this in PHP & MySQL is quite straightforward. Firstly, after logging in, the following PHP MySQL query & PHP 'If' statement will check if you are present in the ADMINS table.

```
$checkForAdmin = "SELECT * FROM ADMINS A WHERE A.CID ='" . $resRow['CID']."'";

$checkResult = $db->query($checkForAdmin);

$isAdmin = mysqli_num_rows($checkResult);

if($isAdmin == 1){

    echo "<p><br></p>";
    echo "<p style='text-align:center'> Admin Page:</p>";
    echo "<form action='adminpage.php' method='POST' target='_blank'>";
    echo "<input type='hidden' name='UserID' value='".$resRow['CID']."'>";
    echo "<input type='hidden' name='UserName' value='".$SESSION['userName']."'>";
    echo "<input type='submit' name='submit' value='Admin Page'>";
    echo "</form>";

}
```

If you are found present in the admins table, you will see the following views

- Customer (not in ADMINS)

**Crocoshop**  
Supporting crocodiles since the dawn of time  
[Return to Login](#)

Signed in as: Peter Parker  
Type: All  Number of items found: 30  
Search:  Go [View Cart](#)

Item Name	Type	Item Description	Price	Add to Cart
Lyle Lyle The Crocodile Shirt	Clothing	Super soft t-shirt with everyone's favorite crocodile on it!	24.99	<input type="button" value="Add"/>
Chocolate Covered Cherries	Drinkware	Chocolate covered cherries! Great to pair with a beverage served in Lyle drinkware!	4.99	<input type="button" value="Add"/>
Inflatable Crocodile	Toys	Inflatable crocodile pool toy!	32.99	<input type="button" value="Add"/>
Drinking mug with everyone's favorite crocodile on it!	Drinkware	Drinking mug with everyone's favorite crocodile on it!	14.99	<input type="button" value="Add"/>

- Admin (in ADMINS)

**Crocoshop**  
Supporting crocodiles since the dawn of time  
[Return to Login](#)

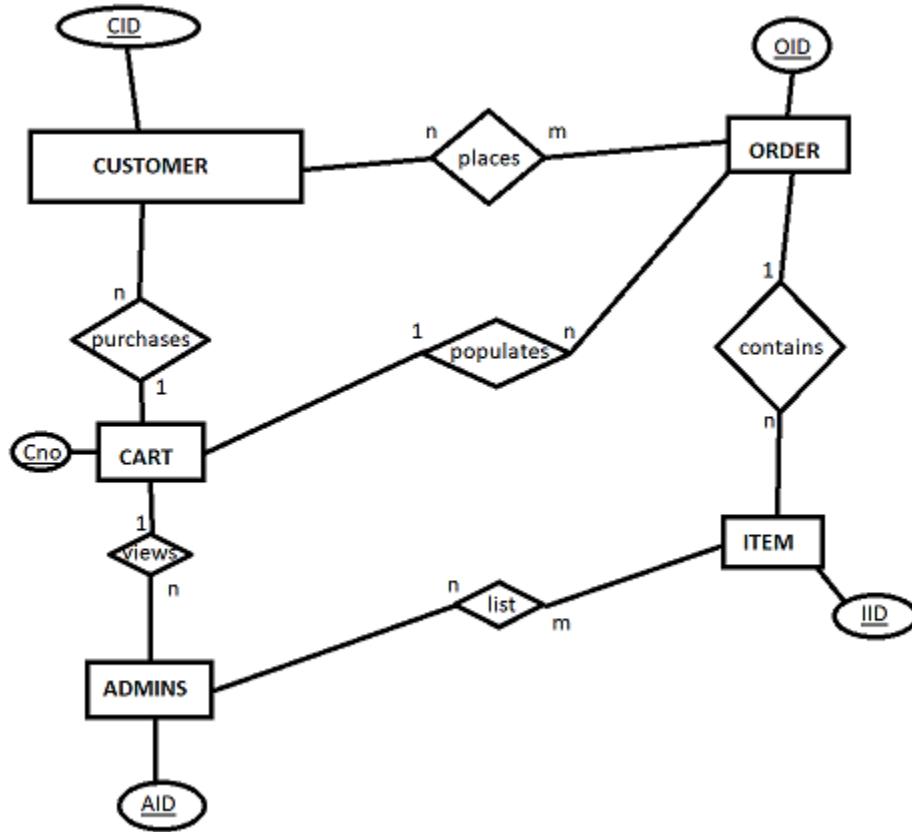
Signed in as: Bob Good  
Admin Page: [Admin Page](#) Number of items found: 30  
Type: All  Search:  Go [View Cart](#)

Item Name	Type	Item Description	Price	Add to Cart
Lyle Lyle The Crocodile Shirt	Clothing	Super soft t-shirt with everyone's favorite crocodile on it!	24.99	<input type="button" value="Add"/>
Chocolate Covered Cherries	Drinkware	Chocolate covered cherries! Great to pair with a beverage served in Lyle drinkware!	4.99	<input type="button" value="Add"/>
Inflatable Crocodile	Toys	Inflatable crocodile pool toy!	32.99	<input type="button" value="Add"/>

After clicking on the 'Admin Page' the respective admin will pull up a page that allows for the insertion and deletion of items, with its own GUI.

## Data Model

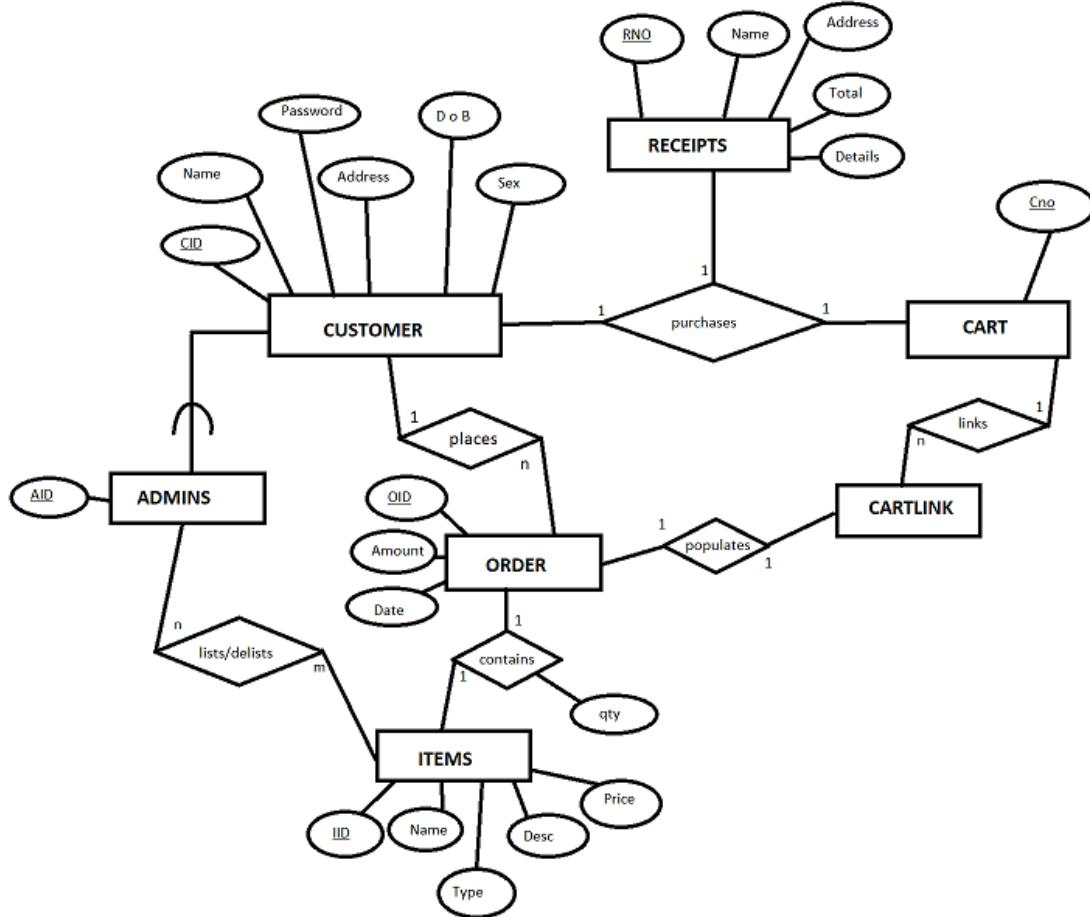
Throughout the course of the site's development, the conceptual model has evolved a few times. Below find the original intended implementation. Note that only primary keys are shown, simple attributes are not all shown.



This design helped begin the development of the site; however, many changes were made during the development. Some of the key errors in this design are as follows

- No Receipt Generated
- Bad representation of 'ADMINS' implementation
- Small tweaking of some constraints and their relationships

As development continued here's what the end model ended up looking like (including attributes)



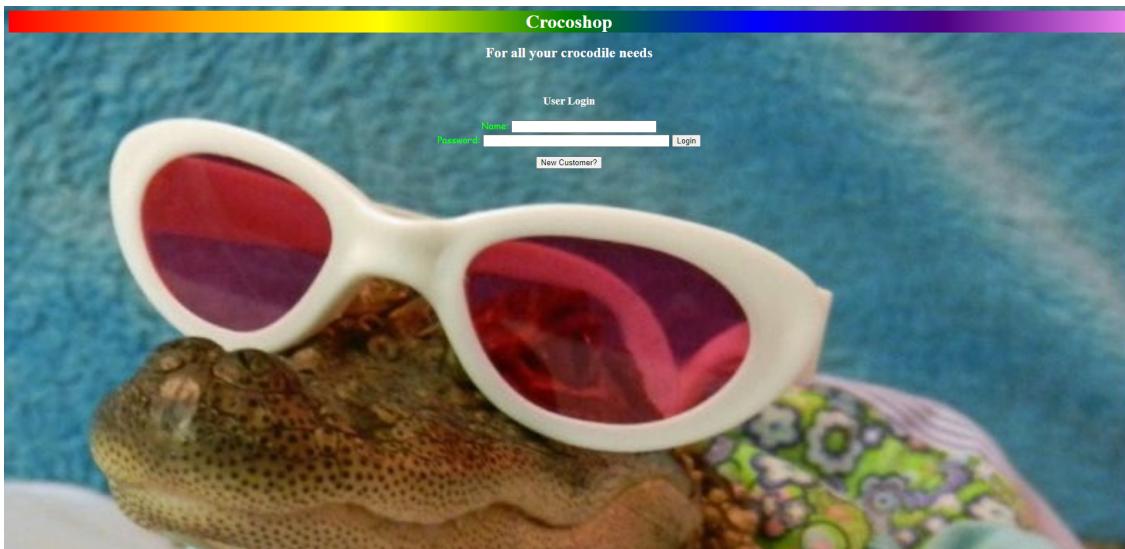
Once this model was developed, a relational schema was created to show how the tables of data directly interacted with one another. This is the foundation of the sites SQL

CUSTOMER					
CID   Name   Password   Address   DateOfBirth   Sex					
ADMINS					
AID   CID					
ITEMS					
IID   Name   Type   Description   Price					
ORDERS					
OID   CID   IID   Qty   Amount   Date					
CART					
CartNo   CID					
CARTLINK					
CartNo   OID					
RECEIPTS					
RNO   Name   Address   Total   Details					

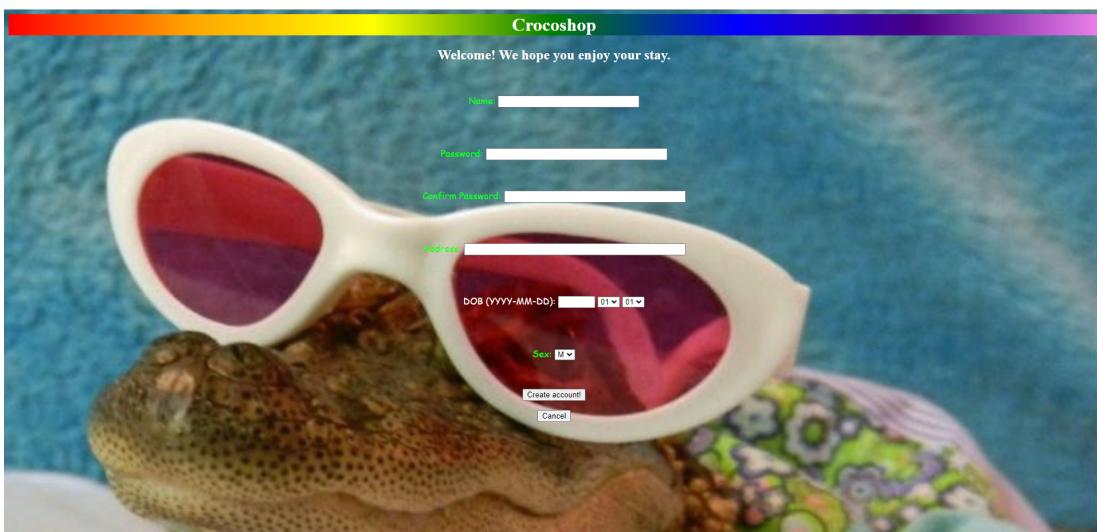
## Implementation

Once the SQL was fully written to create the tables above and populate them to some extent. The site began development with HTML, PHP, and PHP MySQL. Most of the information from the user is implemented with PHP scripts that primarily update/insert into the database. From a basic customers view this is how the data is input.

- User Login (form checks if user has account, if not they may create one)



- Account Creation (grabs information from user with constraints, creates user accounts (insertion))



- Storefront page (if user has account, and is logged in):

**Crocoshop**  
Supporting crocodiles since the dawn of time  
[Return to Login](#)

Signed in as: Peter Parker  
Type: All  Number of items found: 30

Search:  Go

Item Name	Type	Item Description	Price	Add to Cart
Lyle Lyle The Crocodile Shirt	Clothing	Super soft t-shirt with everyone's favorite crocodile on it!	\$24.99	<input type="button" value="Add"/>
Chocolate Covered Cherries	Drinkware	Chocolate covered cherries! Great to pair with a beverage served in Lyle drinkware!	\$4.99	<input type="button" value="Add"/>
Inflatable Crocodile	Toys	Inflatable crocodile pool toy!	\$32.99	<input type="button" value="Add"/>
	Pin/Insignia	Drinking mug with everyone's favorite crocodile on it!	\$19.99	<input type="button" value="Add"/>

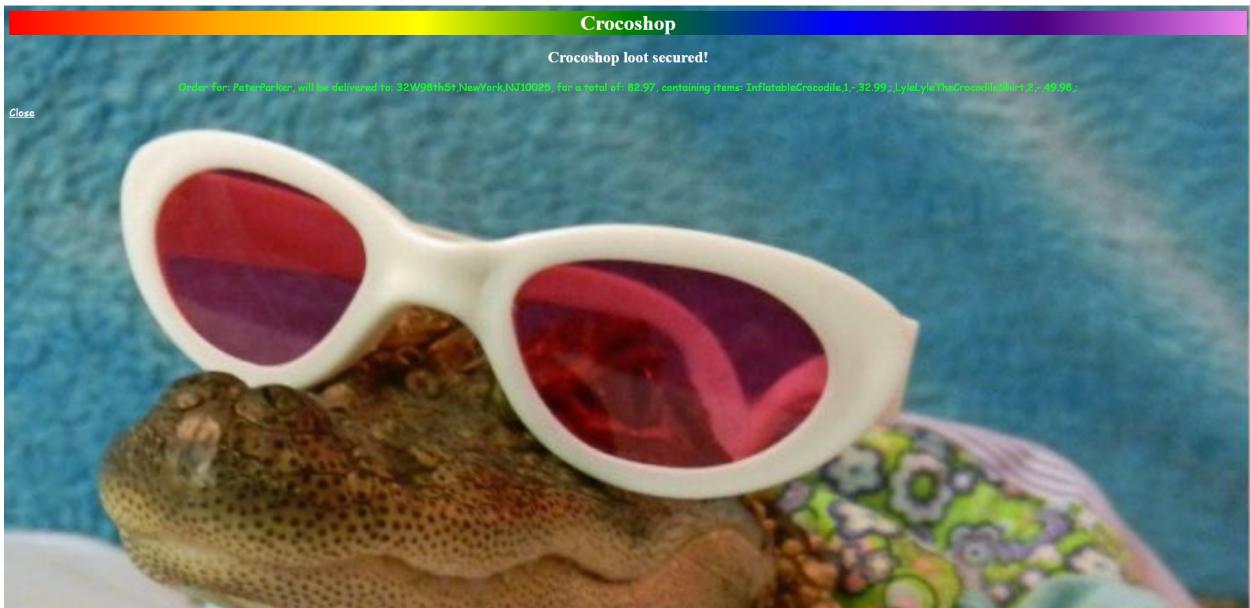
This is where users place orders and view cart/place cart/remove items from their cart, if desired

- View cart (this is where users are able to remove items from cart or place their cart)

**Crocoshop**  
Enthusiastic Crocodile Connoisseur Emporium  
Cart of Peter Parker

Item Name	Quantity	Price	
Inflatable Crocodile	1	\$32.99	<input type="button" value="Delete"/>
Lyle Lyle The Crocodile Shirt	2	\$49.98	<input type="button" value="Delete"/>
<b>Total:</b>		<b>\$82.97</b>	

- Receipt creation (once an order has been placed, a receipt will be generated)

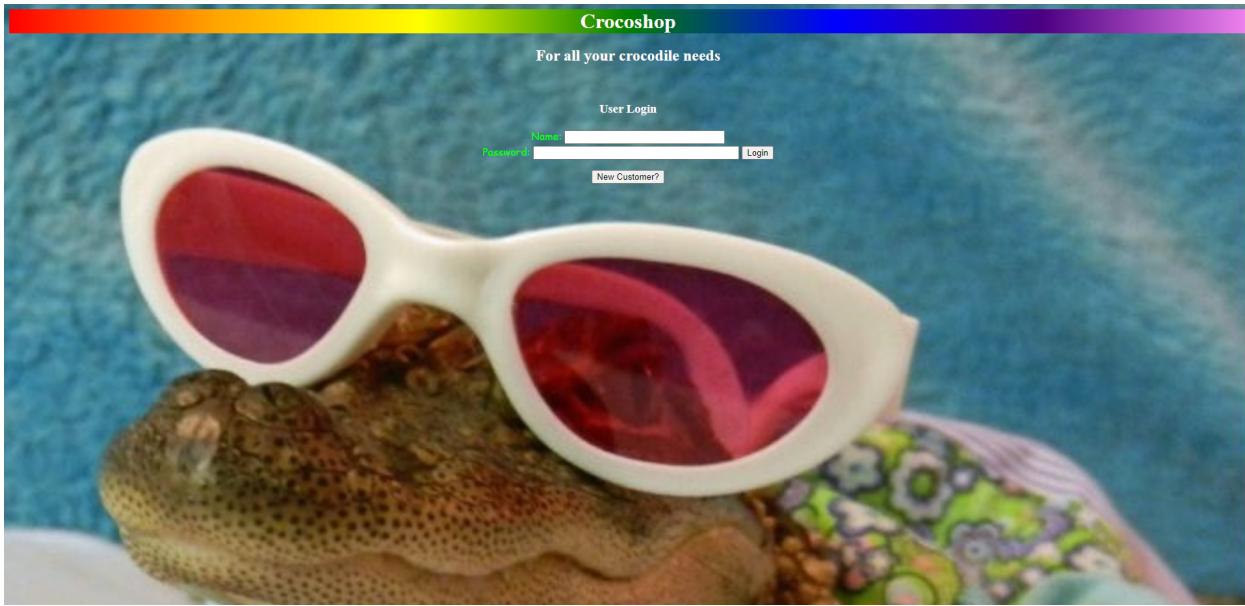


## Possible Issues

Most data on the site is accessible; however, there is no file upload for a new item's picture. If you want to upload a picture, you must have access to the /images folder. As for this database forms, the relational model (p.11) accounts for all keys, both primary and foreign, with no redundancy. There is no duplication in the database design.

## Security

The site is mostly secure. It prevents any SQL injection by ensuring all database connections are closed at the end of their respective script and any entered in a form will be taken as basic VARCHAR (strings) elements. The first page an end user will encounter is the log in page, they are unable to access the database without an account. Multiple times in the session will the site check if a user is logged in. See below, the login screen.



## Conclusion

Overall, as someone with absolutely no experience in web development, this project served as a great hand-on experience to learn more about HTML, PHP, servers, SQL, and data storage. In the future, if I were to create another e-commerce site, the first thing I would do is go step by step and refine the website's schema before getting right into the project.

## Code Appendix

Below find the raw HTML, PHP, and CSS files used to create the website (as of 5/7/2023):

### 1.) enter.html

<HTML>

<head>

<title>Crocoshop</title>

<link rel="stylesheet" href="styles.css">

</head>

<body>

<h1 class="rainbow-text">Crocoshop</h1>

<h2>For all your crocodile needs</h2>

<p><br></p>

<h3>User Login</h3>

<form action="landingpage.php" method="post">

<label for="userName" class='sansMan'>Name:</label>

<input name="userName" type="text" size="30">

```
<br>

<label for="passWord" class='sansMan'>Password: </label>
<input name="passWord" type="password" size="40">

<input type="submit" name="submit" value="Login">

</form>

<a href="newcustomer.html" class="center"><button>New Customer?</button></a>

</body>

</HTML>
```

## 2.) newcustomer.html

```
<html>
```

```
<head>
```

```
<title>Crocoshop</title>

<link rel="stylesheet" href="styles.css">

</head>

<body>

<h1 class="rainbow-text">Crocoshop</h1>

<h2>Welcome! We hope you enjoy your stay.</h2>

<p><br></p>

<form action="createuser.php" method="post">

    <label for="name" class='sansMan'>Name:</label>
    <input name="name" id="name" type="text" size="30">

    <p><br><br></p>

    <label for="pWord" class='sansMan'>Password: </label>
    <input name="pWord" type="password" size="40">
    <p><br></p>
    <label for="cpWord" class='sansMan'>Confirm Password: </label>
```

```
<input name="cpWord" type="password" size="40">
```

```
<p><br><br></p>
```

```
<label for="Addy" class='sansMan'>Address: </label>
```

```
<input name="Addy" type="text" size="50">
```

```
<p><br><br></p>
```

```
<label for="year" class='sansMan' style="color:Snow">DOB (YYYY-MM-DD): </label>
```

```
<input name="year" type="text" size="4">
```

```
<select name="month">
```

```
    <option value="01">01</option>
```

```
    <option value="02">02</option>
```

```
    <option value="03">03</option>
```

```
    <option value="04">04</option>
```

```
    <option value="05">05</option>
```

```
    <option value="06">06</option>
```

```
    <option value="07">07</option>
```

```
    <option value="08">08</option>
```

```
    <option value="09">09</option>
```

```
    <option value="10">10</option>
```

```
    <option value="11">11</option>
```

```
<option value="12">12</option>

</select>

<select name="day">

    <option value="01">01</option>

    <option value="02">02</option>

    <option value="03">03</option>

    <option value="04">04</option>

    <option value="05">05</option>

    <option value="06">06</option>

    <option value="07">07</option>

    <option value="08">08</option>

    <option value="09">09</option>

    <option value="10">10</option>

    <option value="11">11</option>

    <option value="12">12</option>

    <option value="13">13</option>

    <option value="14">14</option>

    <option value="15">15</option>

    <option value="16">16</option>

    <option value="17">17</option>

    <option value="18">18</option>

    <option value="19">19</option>

    <option value="20">20</option>
```

```
<option value="21">21</option>  
<option value="22">22</option>  
<option value="23">23</option>  
<option value="24">24</option>  
<option value="25">25</option>  
<option value="26">26</option>  
<option value="27">27</option>  
<option value="28">28</option>  
<option value="29">29</option>  
<option value="30">30</option>  
<option value="31">31</option>  
</select>
```

```
<p><br><br></p>
```

```
<label for="Sex" class='sansMan'>Sex: </label>  
<select name="Sex">  
  <option value="M">M</option>  
  <option value="F">F</option>  
</select>
```

```
<p><br></p>
```

```
<input type="submit" name="submit" value="Create account!">

</form>

<a href="enter.html" class=center><button>Cancel</button></a>

</body>

</html>
```

### 3.) styles.css

```
body {
    font-family: Futara;
    color:white;
    background-image: url('images/background.jpg');
    background-size: cover;
    background-repeat: repeat;
}

h1{color: Snow;text-align:center;}.rainbow-text {
    background-image: linear-gradient(to left, violet, indigo, blue, green, yellow, orange, red);
}

h2{color: Snow;text-align:center;}
```

```
h3{color: Snow;text-align:center;}  
p{color: Snow;text-align:center;}  
.sansMan{  
    font-family: Comic Sans MS;  
    color:lime;  
    text-align:center;  
}  
  
table,th,td{  
    border:1px solid White; color:white;  
}  
  
form{  
    color: Snow;text-align:center;  
}  
  
a{  
    color: Snow;  
}  
  
.center {  
    display: flex;  
    justify-content: center;  
    align-items: center;  
}  
  
.left {  
    float:left;
```

```
}
```

#### 4.) createuser.php

```
<?php
```

```
@ $db = new mysqli('localhost', 'degesej1_defaultuser', 'defuser1232!', 'degesej1_project');
```

```
if (mysqli_connect_errno()) {
```

```
    echo 'Error connecting to database. Please try again later.';
```

```
    echo "<br/><a
```

```
href='http://cyan.csam.montclair.edu/~degesej1/project/enter.html'>Home</a>";
```

```
    exit;
```

```
}
```

```
?>
```

```
<html>
```

```
<head>
```

```
<title>Crocoshop</title>
```

```
<link rel="stylesheet" href="styles.css">  
</head>
```

```
<body>
```

```
<h1 class="rainbow-text">Crocoshop</h1>
```

```
<h2>Welcome to da club!</h2>
```

```
<?php
```

```
$User = $_POST['name'];
```

```
$PassWord = $_POST['pWord'];
```

```
$ConfPassWord = $_POST['cpWord'];
```

```
$Address = $_POST['Addy'];
```

```
$Year = $_POST['year'];
```

```
$Month = $_POST['month'];
```

```
$Day = $_POST['day'];
```

```
$Sex = $_POST['Sex'];
```

```
if(empty($User) OR empty($Address) OR empty($Year) OR empty($PassWord)){
```

```
echo "<p>There is an empty field<br></p>";
```

```
echo "<a href='newcustomer.html' class='center' style='color:white'>Return</a>";  
exit;  
  
}  
  
if($PassWord != $ConfPassWord){  
  
echo "<p>Passwords do not match<br></p>";  
echo "<a href='newcustomer.html' class='center'>Return</a>";  
exit;  
  
}  
  
if(!($Year <= 2023 OR $Year >= 1910)){  
  
echo "<p>Invalid Year<br></p>";  
echo "<a href='newcustomer.html' class='center'>Return</a>";  
exit;  
  
}  
  
$queryLength = "SELECT MAX(C.CID) AS MAXCID FROM CUSTOMER C";
```

```
$qLR = $db->query("$queryLength");

$maxCID = $qLR->fetch_assoc();

$newCID = $maxCID['MAXCID'] + 1;

$queryInsert = "INSERT INTO CUSTOMER
VALUES('".$newCID."','".$_User."','".$_PassWord."','".$_Address."','".$_Year."-
".$_Month."-
".$_Day."-
".$_Sex."');

$result = $db->query($queryInsert);

echo "Account Created!<br>";

echo "<a href='enter.html' class='center'>Login</a>";

exit;

$db->close();

?>

</body>
```

```
</html>
```

### 5.) landingpage.php

```
<?php session_start();  
  
@ $db = new mysqli('localhost', 'degesej1_defaultuser', 'defuser1232!', 'degesej1_project');  
  
  
if (mysqli_connect_errno()) {  
    echo 'Error connecting to database. Please try again later.';  
    echo "<br/><a href='http://cyan.csam.montclair.edu/~degesej1/project/enter.html'>Home</a>";  
    exit;  
}  
  
?  
  
<html>  
  
<head>  
  
<title>Crocoshop</title>  
<link rel="stylesheet" href="styles.css">  
  
</head>
```

```
<body>

<h1 class='rainbow-text'>Crocoshop</h1>
<h2>Supporting crocodiles since the dawn of time</h2>
<p><a href="enter.html" style='color:white'><strong>Return to Login</strong></a></p>

<?php

if(isset($_POST['userName']) && isset($_POST['passWord'])){

    $_SESSION['userName'] = $_POST['userName'];
    $_SESSION['passWord'] = $_POST['passWord'];

}

$query1 = "select * from CUSTOMER C where C.Name='".$SESSION['userName']."'"
AND C.Password='".$SESSION['passWord']."'";

$result1 = $db->query($query1);

$resRow = $result1->fetch_assoc();

if(mysqli_num_rows($result1) == 0){
```

```
echo "<p class='center'>You are not logged in!<br></p>";  
$signedIn = False;  
exit;  
  
} else if (isset($_POST['noUser'])){  
  
echo "You are not logged in!<br>";  
$_SESSION['userName'] = "";  
$_SESSION['passWord'] = "";  
$signedIn = False;  
exit;  
  
} else {  
  
echo "Signed in as: <strong>".$_SESSION['userName']. "</strong><br>";  
$signedIn = True;  
  
$checkForAdmin = "SELECT * FROM ADMINS A WHERE A.CID  
=". $resRow['CID']. "";  
  
$checkResult = $db->query($checkForAdmin);
```

```
$isAdmin = mysqli_num_rows($checkResult);

if($isAdmin == 1){

    echo "<p><br></p>";

    echo "<p style='text-align:center'> Admin Page:</p>";

    echo "<form action='adminpage.php' method='POST' target='_blank'>";

    echo "<input type='hidden' name='UserID' value='".$resRow['CID']."'>";

    echo "<input type='hidden' name='UserName' value='".$SESSION['userName']."'>";

    echo "<input type='submit' name='submit' value='Admin Page'>";

    echo "</form>";

}

if($signedIn){

    $cartUser = stripslashes($resRow['Name']);

    $cartCID = $resRow['CID'];

}
```

```
echo "<form action='viewcart.php' method='POST' target='_blank'>";  
echo "<input type='hidden' name='UserID' value='".$cartCID.">";  
echo "<input type='hidden' name='UserName' value='".$cartUser.">";  
echo "<input type='submit' name='submit' value='View Cart' style='float:right;'>";  
echo "</form>";  
  
}  
  
?>
```

```
<form method="GET" class='left'>  
    <label for="Type">Type:</label>  
    <select name="Type">  
        <option value="All">All</option>  
        <option value="Bedding">Bedding</option>  
        <option value="Clothing">Clothing</option>  
        <option value="Drinkware">Drinkware</option>  
        <option value="Media">Media</option>  
        <option value="Office">Office</option>  
        <option value="Stationary">Stationary</option>
```

```
<option value="Toys">Toys</option>
</select>

<button type="submit">Search</button>

</form>

<br>

<form method="GET" style='clear: left' class='left'>

<label for="text">Search:</label>

<input type="text" name="search">

<button type="submit">Go</button>

</form>

<?php

if($signedIn){

    $query2 = "SELECT C.CID FROM CUSTOMER C WHERE

C.Name='".$SESSION['userName']."' AND C.Password='".$SESSION['passWord']."'";

    $result3 = $db->query($query2);

    $row = $result3->fetch_assoc();

    $UserID = stripslashes($row['CID']);

}
```

```
}
```

```
if(empty($_GET['Type'])) {
```

```
    $query = "select * from ITEMS";
```

```
} else if(isset($_GET['Type'])) {
```

```
    if($_GET['Type'] == 'All') {
```

```
        $query = "select * from ITEMS";
```

```
} else {
```

```
    $query = "select * from ITEMS where Type=". $_GET['Type']. "";
```

```
}
```

```
}
```

```
if(!empty($_GET['search'])) {
```

```
$query = "select * from ITEMS where ItemName like '%".$_GET['search']."%' OR
ItemDescription like '%".$_GET['search']."%'";
}

$result = $db->query($query);

$num_results = mysqli_num_rows($result);

echo "<p>Number of items found: ".$num_results."</p>";

echo "<table style='border: 1px solid black;' class='sansMan'>";
echo "<tr style='background-color:green'><th>Item Name</th><th>Type</th><th>Item
Description</th><th>Price</th><th>Add to Cart</th></tr>";
echo "<tr><td>".htmlspecialchars(stripslashes($row['ItemName']))."</td><td>".html
specialchars(stripslashes($row['Type']))."</td><td>".htmlspecialchars(stripslashes($row['
Description']))."</td><td>".htmlspecialchars(stripslashes($row['Price']))."</td><td>
Add to Cart</td></tr>";

for ($i=0; $i <$num_results; $i++) {

$row = $result->fetch_assoc();

echo "<td>".htmlspecialchars(stripslashes($row['ItemName']))."</td><td>".html
specialchars(stripslashes($row['Type']))."</td><td>".htmlspecialchars(stripslashes($row['
Description']))."</td><td>".htmlspecialchars(stripslashes($row['Price']))."</td><td>
Add to Cart</td></tr>";

}

echo "</table>";

$filePath = "images/".$row['IID'].".png";
```

```
if(file_exists($filePath)) {  
  
    echo "<img src='images/".$row['IID'].".png' alt='Image failed to load'  
        style='width:200;';  
  
}  
  
echo "</td>";  
echo "<td>".stripslashes($row['Type'])."</td>";  
echo "<td>".stripslashes($row['ItemDescription'])."</td>";  
echo "<td>".stripslashes($row['Price'])."</td>";  
  
if($signedIn){  
  
    $curItem = $row['IID'];  
  
    echo "<td><form method='post' action='addorder.php' target='_blank'>";  
    echo "<input type='hidden' name='UserID' value='".$UserID."'>";  
    echo "<input type='hidden' name='ItemID' value='".$curItem."'>";  
    echo "<input type='number' name='qty'><input type='submit' name='submit'  
        value='Add'></form></td></tr>";  
  
} else {
```

```
echo "<td>User Not Signed In</td></tr>";  
  
}  
  
}  
  
echo "</table>";  
  
  
  
$result->free();  
$result1->free();  
$db->close();  
  
?>  
  
</body>  
  
</html>
```

## 6.) addorder.php

```
<?php
```

```
@ $db = new mysqli('localhost', 'degesej1_defaultuser', 'defuser1232!', 'degesej1_project');
```

```
if (mysqli_connect_errno()) {  
    echo "Error: Could not connect to database. Please try again later.";  
    echo "<br><a href='http://cyan.csam.montclair.edu/~degesej1/project/enter.html'>Return</a>";  
    exit;  
}  
?>
```

```
<HTML>
```

```
<script>  
function killTab(){  
    window.close()  
}
```

```
</script>
```

```
<head>  
    <title>Crocoshop</title>  
    <link rel="stylesheet" href="styles.css">  
</head>
```

```
<body>
```

```
<h1 class='rainbow-text'>Crocoshop</h1>
<h2>Supporting crocodiles since the dawn of time</h2>
```

```
<?php
```

```
$UserID = $_POST['UserID'];
$ItemID = $_POST['ItemID'];
$qty = $_POST['qty'];
```

```
if($qty < 0){
    echo "Nice try bucko";
    $db->close();
}

exit;
```

```
$que = "select * from ORDERS";
$curOrders = $db->query($que);
```

```
$newQuery = "SELECT MAX(OID) AS MAXOID FROM ORDERS";  
  
$bigResult = $db->query($newQuery);  
  
$databasetime = $bigResult->fetch_assoc();  
  
$maxOID = $databasetime['MAXOID'];  
  
$numrows = $maxOID + 1;  
  
$que = "select I.Price from ITEMS I where I.IID=\"$ItemID.\"";  
  
$amtStored = $db->query($que);  
  
$row = $amtStored->fetch_assoc();  
  
$price = stripslashes($row['Price']);  
  
$price = $price * $qty;  
  
$date = date("Y-m-d");
```

```
$que1 = "insert into ORDERS values(\".$numrows.\", \".$UserID.\",
\".$ItemID.\",\".$qty.\",\".$price.\", \".$date.\")";

$result = $db->query($que1);

if ($result) {
    echo "Order for item ".$ItemID." with a quantity of ".$qty." for a total of ".$price."
placed!";
    echo "<br> Date: ".$date;

} else {
    echo "An error has occurred. Item was not added to cart .";
    $db->close();

    exit;
}

$que2 = "select CR.CartNo FROM CART CR WHERE CR.CID =".$UserID;

$result2 = $db->query($que2);

$hasCart = mysqli_num_rows($result2);
```

```
if($hasCart == 0){

    $que3 = "select * from CART";

    $result3 = $db->query($que3);

    $newCartNum = mysqli_num_rows($result3) + 1;

    $insertCart = "insert into CART values ('".$newCartNum."','".$$.UserID."')";

    $insertTime = $db->query($insertCart);

    $newCartLink = "insert into CARTLINK values ('".$numrows."','".$$.newCartNum."')";

    $insertTime2 = $db->query($newCartLink);

} else {

    $row2 = $result2->fetch_assoc();

    $cartNumber = $row2['CartNo'];

    $newCartLink2 = "insert into CARTLINK values ('".$numrows."','".$$.cartNumber."')";
```

```
$insertTime3 = $db->query($newCartLink2);

}

$curOrders->free();
$amtStored->free();
$db->close();

?>
<br>
<a href=javascript:killTab(); style='color:white;'>Close</a>

</body>

</HTML>
```

## 7.) deleteorder.php

```
<html>
```

```
<?php
```

```
@ $db = new mysqli('localhost', 'degesej1_defaultuser', 'defuser1232!', 'degesej1_project');
```

```
if (mysqli_connect_errno()) {  
    echo 'Error connecting to database. Please try again later.';  
    echo "<br/><a  
href='http://cyan.csam.montclair.edu/~degesej1/project/enter.html'>Home</a>";  
    exit;  
}
```

```
?>
```

```
<script>  
function killTab(){  
    window.close()  
}
```

```
</script>
```

```
<head>
```

```
    <title>Crocoshop</title>
```

```
    <link rel="stylesheet" href="styles.css">
```

```
</head>
```

```
<body>
```

```
    <h1 class='rainbow-text'>Crocoshop</h1>
```

```
    <h2>See you in a while, crocodile!<br></h2>
```

```
    <p>Item Removed from cart!</p>
```

```
<?php
```

```
OID = $_POST['OID'];
```

```
$delLink = "DELETE FROM CARTLINK WHERE OID =".$OID;
```

```
$newquery = "DELETE FROM ORDERS WHERE OID =".$OID;
```

```
$result = $db->query($delLink);

$result2 = $db->query($newquery);

$db->close();

?>

<a href=javascript:killTab(); style='color:white;'>Close</a>

</body>

</html>
```

### 8.) viewcart.php

```
<?php

$UserID = $_POST['UserID'];

$UserName = $_POST['UserName'];

@ $db = new mysqli('localhost', 'degesej1_defaultuser', 'defuser1232!', 'degesej1_project');
```

```
if (mysqli_connect_errno()) {  
    echo 'Error connecting to database. Please try again later.';  
    echo "<br/><a href='http://cyan.csam.montclair.edu/~degesej1/project/enter.html'>Home</a>";  
    exit;  
}  
?>
```

```
<html>
```

```
<script>  
function killTab(){  
    window.close()  
}
```

```
</script>
```

```
<head>
```

```
<title>Crocoshop</title>  
<link rel="stylesheet" href="styles.css">
```

```
</head>
```

```
<body>
```

```
    <h1 class='rainbow-text'>Crocoshop</h1>
    <h2>Enthusiastic Crocodile Connoisseur Emporium<br></h2>
```

```
<?php
```

```
    $listedOrders = array();
```

```
    echo "<h3>Cart of: <strong>".$UserName."</strong><br></h3>";
```

```
    echo "<table style='border: 1px solid black;' class='sansMan'>";
```

```
    echo "<tr style='background-color:green;'><th>Item
```

```
        Name</th><th>Quantity</th><th>Price</th><th></th></tr>";
```

```
    $query5 = "SELECT C.CartNo, O.OID, C.CID, I.ItemName, O.qty, O.Amount FROM
    CART C JOIN CARTLINK CL ON C.CartNo = CL.CartNo JOIN ORDERS O ON CL.OID =
    O.OID JOIN ITEMS I ON O.IID = I.IID WHERE C.CID ="".$UserID."""";
```

```
$cart = $db->query($query5);
```

```
$numOrders = $cart->num_rows;

$total;

$checkSize = 0;

for ($i=0; $i <$numOrders; $i++) {

$row = $cart->fetch_assoc();

echo "<tr>";

echo "<td>".stripslashes($row['ItemName'])."</td>";

echo "<td>".stripslashes($row['qty'])."</td>";

$total += $row['Amount'];

echo "<td>".stripslashes($row['Amount'])."</td>";

echo "<td><form method='POST' action='deleteorder.php'><input type='hidden' name='OID' value='".$row['OID']."'><input type='submit' name='submit' value='Delete'></form></td>";

echo "</tr>";

array_push($listedOrders, $row['ItemName']);

array_push($listedOrders, $row['qty']);
```

```
array_push($listedOrders, "-");
array_push($listedOrders, $row['Amount']);
array_push($listedOrders, ":");

$checkSize += 1;

}

echo "<tr><td></td><td>Total: </td><td>".$total."</td></tr>";

echo "</table>";

if($checkSize == 0){

$db->close();

echo "<a href=javascript:killTab();>Close</a>";

exit;

}

$listReceipt = str_replace(" ", "", implode(", ", $listedOrders));

$queryAddress = "SELECT C.ADDRESS FROM CUSTOMER C WHERE
C.CID='".$UserID."'";
```

```
$addressTable = $db->query($queryAddress);

$rowAddress = $addressTable->fetch_assoc();

$address = str_replace(" ", "", $rowAddress['ADDRESS']);

echo "<form action='placecart.php' method='POST' class='left'>";
echo "<input type='hidden' name='UserID' value='".$UserID.">";
echo "<input type='hidden' name='Name' value='".$str_replace(" ", "", $UserName).">";
echo "<input type='hidden' name='Address' value='".$address.">";
echo "<input type='hidden' name='Total' value='".$total.">";
echo "<input type='hidden' name='Details' value='".$listReceipt.">";
echo "<input type='submit' name='submit' value='Place Order'>";
echo "</form>";

$db->close();

?>
<p><br></p>
```

```
<a style='color: white;' href=javascript:killTab();>Close</a>

</body>

</html>
```

### 9.) placecart.php

```
<html>

<?php

@ $db = new mysqli('localhost', 'degesej1_defaultuser', 'defuser1232!', 'degesej1_project');

if (mysqli_connect_errno()) {

    echo 'Error connecting to database. Please try again later.';

    echo "<br/><a

href='http://cyan.csam.montclair.edu/~degesej1/project/enter.html'>Home</a>";

    exit;

}

?>
```

```
<script>

function killTab(){

window.close()

}
```

```
</script>
```

```
<head>
```

```
<title>Crocoshop</title>

<link rel="stylesheet" href="styles.css">
```

```
</head>
```

```
<body>
```

```
<h1 class='rainbow-text'>Crocoshop</h1>

<h2>Crocoshop loot secured!</h2>
```

```
<?php
```

```
$UserID = $_POST['UserID'];  
$Name = $_POST['Name'];  
$Address = $_POST['Address'];  
$Total = $_POST['Total'];  
$Details = $_POST['Details'];  
  
$CartIDQuery = "SELECT * FROM RECEIPTS";  
  
$newCartID = $db->query($CartIDQuery);  
  
$CartNo = mysqli_num_rows($newCartID) + 1;  
  
$queryCart = "SELECT C.CartNo, O.OID, C.CID, I.ItemName, O.qty, O.Amount FROM  
CART C JOIN CARTLINK CL ON C.CartNo = CL.CartNo JOIN ORDERS O ON CL.OID =  
O.OID JOIN ITEMS I ON O.IID = I.IID WHERE C.CID = '".$UserID."'";  
  
$cart = $db->query($queryCart);  
  
$iterations = $cart->num_rows;  
  
for ($i=0; $i<$iterations; $i++){
```

```
$curItem = $cart->fetch_assoc();

$OID = $curItem['OID'];

$delLink = "DELETE FROM CARTLINK WHERE OID ='".$OID."'";
$delOrdr = "DELETE FROM ORDERS WHERE OID ='".$OID."'";
$result = $db->query($delLink);
$result2 = $db->query($delOrdr);

}

$delCart = "DELETE FROM CART WHERE CID ='".$UserID."'";
$result = $db->query($delCart);

$newReceipt = "INSERT INTO RECEIPTS VALUES
('".$CartNo."','".$Name."','".$Address."','".$Total."','".$Details."')";

$addReceipt = $db->query($newReceipt);
```

```
$db->close();
```

```
echo "<p class='sansMan'>Order for: $Name, will be delivered to: $Address, for a total of:  
$Total, containing items: $Details</p>";
```

```
?>
```

```
<a href=javascript:killTab(); style='color:white' class='sansMan'>Close</a>
```

```
</body>
```

```
</html>
```

## 10.) adminpage.php

```
<?php
```

```
@ $db = new mysqli('localhost', 'degesej1_defaultuser', 'defuser1232!', 'degesej1_project');
```

```
if (mysqli_connect_errno()) {
```

```
echo 'Error connecting to database. Please try again later.';  
echo "<br/><a  
href='http://cyan.csam.montclair.edu/~degesej1/project/enter.html'>Home</a>";  
exit;  
}
```

?>

```
<html>
```

```
<script>  
function killTab(){  
    window.close()  
}
```

```
</script>
```

```
<head>
```

```
<title>Crocoshop</title>
```

```
</head>
```

```
<body>
```

```
<h1>Crocoshop</h1>
```

```
<h2>Admin Page</h2>
```

```
<a href=javascript:killTab();>Close</a>
```

```
<p><br></p>
```

```
<?php
```

```
$UserID = $_POST['UserID'];
```

```
$UserName = $_POST['UserName'];
```

```
echo "<strong>Admin, ".$UserName."</strong><p><br></p>";
```

```
echo "<p><br></p>";
```

```
echo "<strong>Create Item</strong><br>";
```

```
echo "<form method='post' action='additem.php'>";
```

```
echo "<label for='ItemID'>ItemID:</label>";
echo "<input name='ItemID' type='text' size='2'>";
echo "<br>";

echo "<label for='ItemName'>ItemName:</label>";
echo "<input name='ItemName' type='text' size='50'>";
echo "<br>";

echo "<label for='Type'>Type:</label>";
echo "<select name='Type'>";
echo "<option value='All'>All</option>";
echo "<option value='Bedding'>Bedding</option>";
echo "<option value='Clothing'>Clothing</option>";
echo "<option value='Drinkware'>Drinkware</option>";
echo "<option value='Media'>Media</option>";
echo "<option value='Office'>Office</option>";
echo "<option value='Stationary'>Stationary</option>";
echo "<option value='Toys'>Toys</option>";
echo "</select>";
echo "<br>";

echo "<label for='ItemDesc'>Description:</label>";
```

```
echo "<input name='ItemDesc' type='text' size=100>";  
echo "<br>";  
  
echo "<label for='ItemPrice'>Price:</label>";  
echo "<input name='ItemPrice' type='text' size=6>";  
echo "<br>";  
  
echo "<input type='submit' name='submit' value='Create item'>";  
  
echo "</form>";  
  
echo "<p><br></p>";  
  
echo "<strong>Current Existing Items:</strong>";  
  
$findSize = "SELECT * FROM ITEMS";  
  
$result11 = $db->query($findSize);  
  
$numRows = mysqli_num_rows($result11);  
  
echo "<table>";
```

```
for ($i=0; $i <$numRows; $i++) {  
  
    $row = $result11->fetch_assoc();  
  
    echo "<tr>";  
    echo "<td>".stripslashes($row['IID'])."</td>";  
  
    echo "<td>".htmlspecialchars(stripslashes($row['ItemName']))."</td>";  
    echo "<td>".stripslashes($row['Type'])."</td>";  
    echo "<td>".stripslashes($row['ItemDescription'])."</td>";  
    echo "<td>".stripslashes($row['Price'])."</td>";  
  
    $curItem = $row['IID'];  
  
    echo "<td><form method='post' action='delitem.php'>";  
    echo "<input type='hidden' name='ItemID' value='".$curItem."'>";  
    echo "<input type='submit' name='submit' value='Delete'></form></td></tr>";  
    echo "</tr>";  
  
}  
  
echo "</table>";
```

```
$result11->free();  
  
$db->close();  
  
?>  
  
</body>  
  
</html>
```

### 11.) delitem.php

```
<?php  
  
@ $db = new mysqli('localhost', 'degesej1_defaultuser', 'defuser1232!', 'degesej1_project');  
  
if (mysqli_connect_errno()) {  
    echo "Error: Could not connect to database. Please try again later.";  
    echo "<br/><a href='http://cyan.csam.montclair.edu/~degesej1/project/enter.html'>Return</a>";  
    exit;
```

```
}
```

```
?>
```

```
<HTML>
```

```
<script>
```

```
function killTab(){
```

```
    window.close()
```

```
}
```

```
</script>
```

```
<head>
```

```
    <title>Crocoshop</title>
```

```
</head>
```

```
<body>
```

```
    <h1>Crocoshop</h1>
```

```
    <h2>Delete</h2>
```

```
<?php
```

```
$IID = $_POST['ItemID'];
```

```
$delQ = "DELETE FROM ITEMS WHERE IID=\".$IID.\"";
```

```
$qTime = $db->query($delQ);
```

```
echo "Item Deleted!";
```

```
$qTiem->free();
```

```
$db->close();
```

```
?>
```

```
<a href=javascript:killTab();>Close</a>
```

```
</body>
```

```
</HTML>
```

## 12.) additem.php

```
<?php
```

```
@ $db = new mysqli('localhost', 'degesej1_defaultuser', 'defuser1232!', 'degesej1_project');
```

```
if (mysqli_connect_errno()) {  
    echo 'Error connecting to database. Please try again later.';  
    echo "<br/><a  
href='http://cyan.csam.montclair.edu/~degesej1/project/enter.html'>Home</a>";  
    exit;  
}  
  
?>
```

<HTML>

```
<script>  
function killTab(){  
    window.close()  
}
```

</script>

<head>

<title>Crocoshop</title>

```
</head>
```

```
<body>
```

```
    <h1>Crocoshop</h1>
```

```
    <h2>Item Creation</h2>
```

```
    <?php
```

```
        $IID = $_POST['ItemID'];
```

```
        $ItemName = $_POST['ItemName'];
```

```
        $Type = $_POST['Type'];
```

```
        $ItemDesc = $_POST['ItemDesc'];
```

```
        $ItemPrice = $_POST['ItemPrice'];
```

```
        $isPresent = "SELECT I.IID FROM ITEMS I";
```

```
        $resultingSearch = $db->query($isPresent);
```

```
        $numItems = mysqli_num_rows($resultingSearch);
```

```
        for($i=0; $i <$numItems; $i++){
```

```
$curIID = $resultingSearch->fetch_assoc();  
  
if($curIID['IID'] == $IID){  
  
    echo "ITEM ALREADY EXISTS";  
  
    echo "<a href=javascript:killTab();>Close</a>";  
  
    $resultingSearch->free();  
  
    $db->close();  
  
    exit;  
  
}  
  
}  
  
if(empty($IID) || empty($ItemName) || empty($Type) || empty($ItemDesc) ||  
empty($ItemPrice)){  
  
    echo "EMPTY FIELD DETECTED";  
  
    echo "<a href=javascript:killTab();>Close</a>";  
  
    $resultingSearch->free();  
  
    $db->close();  
  
    exit;
```

```
}
```

```
$insertQuery = "INSERT INTO ITEMS  
VALUES(\"$IID.\",\"$ItemName.\",\"$Type.\",\"$ItemDesc.\",\"$ItemPrice.\")";
```

```
$newItem = $db->query($insertQuery);
```

```
echo "New Item Created!";
```

```
echo "<a href=javascript:killTab();>Close</a>";
```

```
$resultingSearch->free();
```

```
$db->close();
```

```
?>
```

```
<a href=javascript:killTab();>Close</a>
```

```
</body>
```

```
</HTML>
```

**SQL Dump**

As of 5/7/2023

-- phpMyAdmin SQL Dump

-- version 5.2.1

-- https://www.phpmyadmin.net/

--

-- Host: localhost:3306

-- Generation Time: May 07, 2023 at 05:06 PM

-- Server version: 5.7.42

-- PHP Version: 8.1.16

SET SQL\_MODE = "NO\_AUTO\_VALUE\_ON\_ZERO";

START TRANSACTION;

SET time\_zone = "+00:00";

/\*!40101 SET @OLD\_CHARACTER\_SET\_CLIENT=@@CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET @OLD\_CHARACTER\_SET\_RESULTS=@@CHARACTER\_SET\_RESULTS

\*/;

/\*!40101 SET @OLD\_COLLATION\_CONNECTION=@@COLLATION\_CONNECTION \*/;

/\*!40101 SET NAMES utf8mb4 \*/;

--

```
-- Database: `degesej1_project`
```

```
--
```

```
-----
```

```
--
```

```
-- Table structure for table `ADMINS`
```

```
--
```

```
CREATE TABLE `ADMINS` (  
    `AID` int(10) UNSIGNED NOT NULL,  
    `CID` int(10) UNSIGNED NOT NULL  
) ENGINE=MyISAM DEFAULT CHARSET=latin1;
```

```
--
```

```
-- Dumping data for table `ADMINS`
```

```
--
```

```
INSERT INTO `ADMINS` (`AID`, `CID`) VALUES  
(1, 4),  
(2, 6);
```

```
-----
```

--

-- Table structure for table `CART`

--

CREATE TABLE `CART` (

  `CartNo` int(10) UNSIGNED NOT NULL,

  `CID` int(10) UNSIGNED NOT NULL

) ENGINE=MyISAM DEFAULT CHARSET=latin1;

-- -----

-- Table structure for table `CARTLINK`

--

CREATE TABLE `CARTLINK` (

  `OID` int(10) UNSIGNED NOT NULL,

  `CartNo` int(10) UNSIGNED NOT NULL

) ENGINE=MyISAM DEFAULT CHARSET=latin1;

-- -----

--  
-- Table structure for table `CUSTOMER`

--  
  
CREATE TABLE `CUSTOMER` (  
  `CID` int(10) UNSIGNED NOT NULL,  
  `Name` varchar(30) NOT NULL,  
  `Password` varchar(40) NOT NULL,  
  `Address` varchar(50) DEFAULT NULL,  
  `Bdate` date DEFAULT NULL,  
  `Sex` char(1) DEFAULT NULL  
) ENGINE=MyISAM DEFAULT CHARSET=latin1;

--  
-- Dumping data for table `CUSTOMER`

--  
  
INSERT INTO `CUSTOMER` (`CID`, `Name`, `Password`, `Address`, `Bdate`, `Sex`) VALUES  
(1, 'Johnathan Green', 'doUlikewafflez!11!', '447 Sunset Blvd, Princeton, NJ 08544',  
'2000-05-14', 'M'),  
(2, 'Jane MacGyver', 'oldhab1t\$D13H4RD', '123 Clove Road, Montclair, NJ 07043',  
'1998-12-31', 'W'),  
(3, 'Peter Parker', 'wheresuncleben', '32 W 98th St, New York, NJ 10025', '1999-08-15', 'M');

```
(4, 'Bob Good', 'password123', '123 Main St, Newton, NJ 07860', '1992-03-05', 'M'),  
(5, 'Bootsy Collins', 'asuygfe8732eg07g8', '520 Riddle Road, Cincinnati, OH 45220',  
'1951-10-31', 'M'),  
(6, 'Betty White', 'g0ld3ng1rl', '408 W Vine St, Belle Center, OH 43310', '1922-01-17', 'W'),  
(7, 'Jabinga Boringa', '123', '123 Cumberland', '1985-04-29', 'F');
```

```
-- -----
```

```
--
```

```
-- Table structure for table `ITEMS`
```

```
--
```

```
CREATE TABLE `ITEMS` (  
    `IID` int(10) UNSIGNED NOT NULL,  
    `ItemName` varchar(50) DEFAULT NULL,  
    `Type` char(10) DEFAULT NULL,  
    `ItemDescription` varchar(100) DEFAULT NULL,  
    `Price` float(4,2) DEFAULT NULL  
) ENGINE=MyISAM DEFAULT CHARSET=latin1;
```

```
--
```

```
-- Dumping data for table `ITEMS`
```

```
--
```

```
INSERT INTO `ITEMS` ('IID', 'ItemName', 'Type', 'ItemDescription', 'Price') VALUES  
(1, 'Lyle Lyle The Crocodile Shirt', 'Clothing', 'Super soft t-shirt with everyones favorite  
crocodile on it!', 24.99),  
(2, 'Chocolate Covered Cherries', 'Drinkware', 'Chocolate covered cherries! Great to pair with a  
beverage served in Lyle drinkware!', 4.99),  
(3, 'Inflatable Crocodile', 'Toys', 'Inflatable crocodile pool toy!', 32.99),  
(4, 'Lyle Mug', 'Drinkware', 'Drinking mug with everyones favorite crocodile on it!', 19.99),  
(5, 'Lyle Puzzle', 'Toys', 'Puzzle with everyones favorite crocodile on it!', 18.99),  
(6, 'Lyle Calendar', 'Stationary', 'Track time with everyones favorite crocodile!', 9.99),  
(7, 'Lyle Throw Pillow', 'Bedding', 'Throw pillow with everyones favorite crocodile on it!',  
14.99),  
(8, 'Lyle Hoodie', 'Clothing', 'High quality hoodie with everyones favorite crocodile on it!',  
34.99),  
(9, 'Lyle Phone Case', 'Office', 'Phone case with everyones favorite crocodile on it!', 4.99),  
(10, 'Lyle Towel', 'Bedding', 'Absorbent towel with everyones favorite crocodile on it!', 14.99),  
(11, 'Lyle Lyle The Crocodile 1965 Book', 'Media', 'Everyones favorite childrens book', 24.99),  
(12, 'Lyle Lyle The Crocodile 2022 DVD', 'Media', '2022 childrens movie feat Shawn Mendes',  
24.99),  
(13, 'Lyle Lyle The Crocodile Poster', 'Stationary', 'Poster with everyones favorite crocodile on  
it!', 19.99),  
(14, 'Lyle Pint Glass', 'Drinkware', 'Pint glass with everyones favorite crocodile on it!', 14.99),  
(15, 'Lyle Wine Glass', 'Drinkware', 'Wine glass with everyones favorite crocodile on it!', 14.99),
```

- (16, 'Lyle Shot Glass', 'Drinkware', 'Shot glass with everyones favorite crocodile on it!', 12.99),
- (17, 'Lyle Mouse Pad', 'Office', 'Mouse Pad with everyones favorite crocodile on it!', 12.99),
- (18, 'Lyle Plushie', 'Toys', 'Plush doll of everyones favorite crocodile!', 24.99),
- (19, 'Lyle Throw Blanket', 'Bedding', 'Super soft throw blanket with everyones favorite crocodile on it!', 24.99),
- (20, 'Lyle Rubix Cube', 'Toys', 'Rubix cube with everyones favorite crocodile on it!', 11.99),
- (21, 'Lyle Stickers', 'Stationary', 'Stickers with everyones favorite crocodile on them!', 24.99),
- (22, 'Lyle Underwear', 'Clothing', 'Underwear with everyones favorite crocodile on it!', 19.99),
- (23, 'Lyle Beanie', 'Clothing', 'Beanie with everyones favorite crocodile on it!', 19.99),
- (24, 'Lyle 8.5x11 Watermarked Paper', 'Office', 'Everyones favorite crocodile watermarked on paper! (CT: 500/order)', 24.99),
- (25, 'Lyle Pants', 'Clothing', 'Pants with everyones favorite crocodile on it!', 29.99),
- (26, 'Lyle Rug', 'Office', 'Rug with everyones favorite crocodile on it!', 49.99),
- (27, 'Lyle Lyle The Crocodile Skirt', 'Clothing', 'Skirt with everyones favorite crocodile on it!', 24.99),
- (28, 'Lyle Baseball Cap', 'Clothing', 'Baseball cap with everyones favorite crocodile on it!', 24.99),
- (29, 'Lyle Backpack', 'Office', 'Backpack with everyones favorite crocodile on it!', 34.99),
- (30, 'Lyle Lyle The Crocodile Pencil Case', 'Offfce', 'Pencil Case with everyones favorite crocodile on it!', 24.99);
-

```
--  
-- Table structure for table `ORDERS`  
  
--  
  
CREATE TABLE `ORDERS` (  
    `OID` int(10) UNSIGNED NOT NULL,  
    `CID` int(10) UNSIGNED NOT NULL,  
    `IID` int(10) UNSIGNED NOT NULL,  
    `Qty` int(5) NOT NULL,  
    `Amount` float(6,2) NOT NULL,  
    `Date` date DEFAULT NULL  
) ENGINE=MyISAM DEFAULT CHARSET=latin1;
```

---

```
--  
-- Table structure for table `RECEIPTS`  
  
--
```

```
CREATE TABLE `RECEIPTS` (  
    `RNO` int(10) UNSIGNED NOT NULL,  
    `Name` varchar(30) NOT NULL,  
    `Address` varchar(50) NOT NULL,
```

```
`Total` float NOT NULL,  
'Details' varchar(1000) DEFAULT NULL  
) ENGINE=MyISAM DEFAULT CHARSET=latin1;
```

--

```
-- Dumping data for table `RECEIPTS`
```

--

```
INSERT INTO `RECEIPTS` ('RNO', 'Name', 'Address', 'Total', 'Details') VALUES  
(1, 'JabingaBoringa', '123Cucumberland', 3086.73,  
'LyleLyleTheCrocodile1965Book,50,-,1249.50,;,LyleLyleTheCrocodile1965Book,50,-,1249.50,;,  
LyleMousePad,2,-,25.98,;,LyleThrowBlanket,3,-,74.97,;,LyleUnderwear,2,-,39.98,;,LyleBeanie,1  
,-,19.99,;,Lyle8.5x11WatermarkedPaper,17,-,424.83,;,egg,1,-,0.99,;,egg,1,-,0.99,;'),  
(2, 'PeterParker', '32W98thSt,NewYork,NJ10025', 82.97,  
'InflatableCrocodile,1,-,32.99,;,LyleLyleTheCrocodileShirt,2,-,49.98,;');
```

--

```
-- Indexes for dumped tables
```

--

--

```
-- Indexes for table `ADMINS`
```

--

```
ALTER TABLE `ADMINS`  
    ADD PRIMARY KEY (`AID`),  
    ADD KEY `Adm_cus` (`CID`);
```

--

```
-- Indexes for table `CART`
```

--

```
ALTER TABLE `CART`  
    ADD PRIMARY KEY (`CartNo`),  
    ADD KEY `Cart_cus` (`CID`);
```

--

```
-- Indexes for table `CARTLINK`
```

--

```
ALTER TABLE `CARTLINK`  
    ADD KEY `Cli_ord` (`OID`),  
    ADD KEY `Cli_cart` (`CartNo`);
```

--

```
-- Indexes for table `CUSTOMER`
```

--

```
ALTER TABLE `CUSTOMER`  
    ADD PRIMARY KEY (`CID`);
```

--

-- Indexes for table `ITEMS`

--

ALTER TABLE `ITEMS`

ADD PRIMARY KEY (`IID`);

--

-- Indexes for table `ORDERS`

--

ALTER TABLE `ORDERS`

ADD PRIMARY KEY (`OID`),

ADD KEY `Ord\_cus` (`CID`),

ADD KEY `Ord\_itm` (`IID`);

--

-- Indexes for table `RECEIPTS`

--

ALTER TABLE `RECEIPTS`

ADD PRIMARY KEY (`RNO`);

--

-- AUTO\_INCREMENT for dumped tables

--

--

-- AUTO\_INCREMENT for table `ADMINS`

--

ALTER TABLE `ADMINS`

  MODIFY `AID` int(10) UNSIGNED NOT NULL AUTO\_INCREMENT,  
  AUTO\_INCREMENT=3;

--

-- AUTO\_INCREMENT for table `CUSTOMER`

--

ALTER TABLE `CUSTOMER`

  MODIFY `CID` int(10) UNSIGNED NOT NULL AUTO\_INCREMENT,  
  AUTO\_INCREMENT=8;

--

-- AUTO\_INCREMENT for table `ITEMS`

--

ALTER TABLE `ITEMS`

  MODIFY `IID` int(10) UNSIGNED NOT NULL AUTO\_INCREMENT,  
  AUTO\_INCREMENT=32;

```
--  
-- AUTO_INCREMENT for table `ORDERS`  
  
--  
  
ALTER TABLE `ORDERS`  
  
    MODIFY `OID` int(10) UNSIGNED NOT NULL AUTO_INCREMENT,  
    AUTO_INCREMENT=8;  
  
--  
  
-- AUTO_INCREMENT for table `RECEIPTS`  
  
--  
  
ALTER TABLE `RECEIPTS`  
  
    MODIFY `RNO` int(10) UNSIGNED NOT NULL AUTO_INCREMENT,  
    AUTO_INCREMENT=3;  
  
COMMIT;  
  
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;  
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;  
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```