<!DOCTYPE>

<html>

<head>

<style>

body {

background-color: #CFB87C;

}

h1 {

text-align: center;

font-family: "Arial";

font-weight: bold;

text-transform: uppercase;

}

p {

text-align: center;

font-family: "Arial";

}

</style>

<title>Welcome to your Database Page</title>

</head>

<body>

<h1>Welcome to your Database Page for CSCI 3287</h1>

<p>You will eventually edit this file or replace it completely as a part of your classwork. </p>

<p>If you are trying to reach your Company webpage, navigate to https://csci3287.cse.ucdenver.edu/~username/username\_COMPANY. </p>

<p>If you require technical assistance or would like to report an issue with this server, please contact cedchelp@ucdenver.edu.</p>

<?php

$link = mysqli\_connect("localhost", "tranjimm", "kuuiRZRaoT9K", "tranjimm\_DB");

// VIEW 1

$sql = " SELECT APARTMENT.AptID, TENANT.FName, TENANT.LName, TENANT.PhoneNumber, TENANT.Email FROM TENANT JOIN LEASE ON TENANT.LeaseID=LEASE.LeaseID JOIN APARTMENT ON LEASE.AptID=APARTMENT.AptID;";

if ($result = mysqli\_query($link, $sql)) {

if (mysqli\_num\_rows($result) > 0) {

echo "<table class='table-dark' style='width:50%; margin: 0 auto;'>";

echo "<caption><h2>Apartment Numbers & Tenant Contact Info</h2></caption>";

echo "<thead>";

echo "<tr style='text-align: left;'>";

echo "<th> Apartment Number </th>";

echo "<th> First Name </th>";

echo "<th> Last Name </th>";

echo "<th> Phone Number </th>";

echo "<th> Email </th>";

echo "</tr>";

echo "</thead>";

echo "<tbody>"; // Move this line outside the while loop

while ($row = mysqli\_fetch\_array($result)) {

echo "<tr>";

echo "<td>" . $row['AptID'] . "</td>";

echo "<td>" . $row['FName'] . "</td>";

echo "<td>" . $row['LName'] . "</td>";

echo "<td>" . $row['PhoneNumber'] . "</td>";

echo "<td>" . $row['Email'] . "</td>";

echo "</tr>";

}

echo "</tbody>"; // Move this line outside the while loop

echo "</table>";

} else {

echo "No records matching your query were found. ";

}

} else {

echo "ERROR: was not able to execute SQL query. " . mysqli\_error($link);

}

// VIEW 2

$sql = "SELECT LEASE.LeaseID, LEASE.Term, TENANT.FName, TENANT.LName, TENANT.PhoneNumber, TENANT.Email, PAYMENT.DueDate, PAYMENT.PaidDate FROM TENANT NATURAL JOIN LEASE NATURAL JOIN PAYMENT WHERE PAYMENT.DueDate < PAYMENT.PaidDate";

if ($result = mysqli\_query($link, $sql)) {

if (mysqli\_num\_rows($result) > 0) {

echo "<table class='table-dark' style='width:75%; margin: 0 auto;'>";

echo "<caption><h2>Late Payments & Tenant Contact Info</h2></caption>";

echo "<thead>";

echo "<tr style='text-align: left'>";

echo "<th> Lease ID </th>";

echo "<th> Term (Months) </th>";

echo "<th> First Name </th>";

echo "<th> Last Name </th>";

echo "<th> Phone Number </th>";

echo "<th> Email </th>";

echo "<th> Due Date </th>";

echo "<th> Paid Date </th>";

echo "</tr>";

echo "</thead>";

echo "<tbody>";

while ($row = mysqli\_fetch\_array($result)) {

echo "<tr>";

echo "<td>" . $row['LeaseID'] . "</td>";

echo "<td>" . $row['Term'] . "</td>";

echo "<td>" . $row['FName'] . "</td>";

echo "<td>" . $row['LName'] . "</td>";

echo "<td>" . $row['PhoneNumber'] . "</td>";

echo "<td>" . $row['Email'] . "</td>";

echo "<td>" . $row['DueDate'] . "</td>";

echo "<td>" . $row['PaidDate'] . "</td>";

echo "</tr>";

}

echo "</tbody>";

echo "</table>";

} else {

echo "No records matching your query were found. ";

}

} else {

echo "ERROR: was not able to execute SQL query. " . mysqli\_error($link);

}

// VIEW 3

$sql = "SELECT DISTINCT LEASE.LeaseID, TENANT.FName, TENANT.LName, TENANT.PhoneNumber, LEASE.StartDate, LEASE.EndDate, AMENITY.AmenityName

FROM LEASE

JOIN TENANT ON LEASE.LeaseID = TENANT.LeaseID

JOIN USED\_AMENITY ON TENANT.TenantID = USED\_AMENITY.TenantID

JOIN AMENITY ON USED\_AMENITY.AmenityID = AMENITY.AmenityID

WHERE LEASE.EndDate >= CURDATE() AND LEASE.EndDate <= DATE\_ADD(CURDATE(), INTERVAL 90 DAY) AND AMENITY.FlagType = 'RENTAL'";

if ($result = mysqli\_query($link, $sql)) {

if (mysqli\_num\_rows($result) > 0) {

echo "<table class='table-dark' style='width:75%; margin: 0 auto;'>";

echo "<caption><h2>Leases Expiring in 3 Months</h2></caption>";

echo "<thead>";

echo "<tr style='text-align: left'>";

echo "<th> Lease ID </th>";

echo "<th> First Name </th>";

echo "<th> Last Name </th>";

echo "<th> Phone Number </th>";

echo "<th> Lease Start Date </th>";

echo "<th> Lease Expiration Date</th>";

echo "<th> Amenity Name </th>";

echo "</tr>";

echo "</thead>";

echo "<tbody>";

while ($row = mysqli\_fetch\_array($result)) {

echo "<tr>";

echo "<td>" . $row['LeaseID'] . "</td>";

echo "<td>" . $row['FName'] . "</td>";

echo "<td>" . $row['LName'] . "</td>";

echo "<td>" . $row['PhoneNumber'] . "</td>";

echo "<td>" . $row['StartDate'] . "</td>";

echo "<td>" . $row['EndDate'] . "</td>";

echo "<td>" . $row['AmenityName'] . "</td>";

echo "</tr>";

}

echo "</tbody>";

echo "</table>";

} else {

echo "No records matching your query were found. ";

}

} else {

echo "ERROR: was not able to execute SQL query. " . mysqli\_error($link);

}

// VIEW 4

$sql = "SELECT

AMENITY.FlagType,

YEAR(USED\_AMENITY.StartDate) AS StartYear,

MONTH(USED\_AMENITY.StartDate) AS StartMonth,

SUM(AMENITY.Cost \* COALESCE(USED\_AMENITY.ReturnDate - USED\_AMENITY.StartDate, 1)) AS TotalAmount

FROM

AMENITY

JOIN

USED\_AMENITY ON AMENITY.AmenityID = USED\_AMENITY.AmenityID

WHERE

USED\_AMENITY.StartDate >= DATE\_FORMAT(DATE\_SUB(CURDATE(), INTERVAL 365 DAY), '%Y-%m-01')

AND (AMENITY.FlagType = 'LOAN' OR AMENITY.FlagType = 'SALE')

GROUP BY

AMENITY.FlagType, StartYear, StartMonth

ORDER BY

StartYear, StartMonth, AMENITY.FlagType;";

if ($result = mysqli\_query($link, $sql)) {

if (mysqli\_num\_rows($result) > 0) {

echo "<table class='table-dark' style='width:50%; margin: 0 auto;'>";

echo "<caption><h2>Total Sales & Loans Profit By Month </h2></caption>";

echo "<thead>";

echo "<tr style='text-align: left'>";

echo "<th> Type </th>";

echo "<th> Year </th>";

echo "<th> Month </th>";

echo "<th> Profit </th>";

echo "</tr>";

echo "</thead>";

echo "<tbody>";

while ($row = mysqli\_fetch\_array($result)) {

echo "<tr>";

echo "<td>" . $row['FlagType'] . "</td>";

echo "<td>" . $row['StartYear'] . "</td>";

echo "<td>" . $row['StartMonth'] . "</td>";

echo "<td>" . $row['TotalAmount'] . "</td>";

echo "</tr>";

}

echo "</tbody>";

echo "</table>";

} else {

echo "No records matching your query were found. ";

}

} else {

echo "ERROR: was not able to execute SQL query. " . mysqli\_error($link);

}

// VIEW 5

$sql = "SELECT MAINTENANCE.Category, MAINTENANCE.RequestedDate, MAINTENANCE.ScheduledDate, MAINTENANCE.CompletedDate FROM MAINTENANCE ORDER BY MAINTENANCE.Category, MAINTENANCE.RequestedDate";

if ($result = mysqli\_query($link, $sql)) {

if (mysqli\_num\_rows($result) > 0) {

echo "<table class='table-dark' style='width:50%; margin: 0 auto;'>"; // Centering using margin: 0 auto;

echo "<caption><h2>Maintenance Projects</h2></caption>";

echo "<thead>";

echo "<tr style='text-align:left;'>";

echo "<th> Category</th>";

echo "<th> Date Requested </th>";

echo "<th> Date Scheduled</th>";

echo "<th> Date Completed</th>";

echo "</tr>";

echo "</thead>";

echo "<tbody>";

while ($row = mysqli\_fetch\_array($result)) {

echo "<tr>";

echo "<td>" . $row['Category'] . "</td>";

echo "<td>" . $row['RequestedDate'] . "</td>";

echo "<td>" . $row['ScheduledDate'] . "</td>";

echo "<td>" . $row['CompletedDate'] . "</td>";

echo "</tr>";

}

echo "</tbody>";

echo "</table>";

} else {

echo "No records matching your query were found. ";

}

} else {

echo "ERROR: was not able to execute SQL query. " . mysqli\_error($link);

}

// VIEW 6

$sql = "SELECT MAINTENANCE.Category, MAINTENANCE.Quarter,

COUNT(MAINTENANCE.CompletedDate) AS CompletedProjects,

(COUNT(MAINTENANCE.CompletedDate) / COUNT(MAINTENANCE.RequestedDate) \* 100) AS PercentageComplete,

AVG(MAINTENANCE.CompletionTime) AS AverageTime

FROM MAINTENANCE

GROUP BY MAINTENANCE.Category, MAINTENANCE.Quarter;";

if ($result = mysqli\_query($link, $sql)) {

if (mysqli\_num\_rows($result) > 0) {

echo "<table class='center table-dark' style='width:75%; margin: 0 auto;'>";

echo "<caption><h2>Quarterly Report of Maintenance Projects</h2></caption>";

echo "<thead>";

echo "<tr style='text-align:left;'>";

echo "<th> Category</th>";

echo "<th> Quarter </th>";

echo "<th> Number of Completed Projects</th>";

echo "<th> Percentage of Completed Projects</th>";

echo "<th> Average Completion Time (Hours)</th>";

echo "</tr>";

echo "</thead>";

echo "<tbody>";

while ($row = mysqli\_fetch\_array($result)) {

echo "<tr>";

echo "<td>" . $row['Category'] . "</td>";

echo "<td>" . $row['Quarter'] . "</td>";

echo "<td>" . $row['CompletedProjects'] . "</td>";

echo "<td>" . number\_format($row['PercentageComplete'], 2) . "%</td>";

echo "<td>" . $row['AverageTime'] . "</td>";

echo "</tr>";

}

echo "</tbody>";

echo "</table>";

} else {

echo "No records matching your query were found. ";

}

} else {

echo "ERROR: was not able to execute SQL query. " . mysqli\_error($link);

}

?>

</body>

</html>