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<!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>Apartment Complex Database</h1>
    <?php
$link = mysqli_connect("localhost", "hokr", "bXPDpLaNvJdU",
"hokr_DB");

// VIEW 1
$sql = "SELECT APARTMENT.ApartmentNo, TENANT.FName, TENANT.LName,
TENANT.PhoneNumber, TENANT.Email FROM TENANT JOIN LEASE ON
TENANT.LeaseID=LEASE.LeaseID JOIN APARTMENT ON
ApartmentID=ApartmentNo";
if ($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>";
        while ($row = mysqli_fetch_array($result)) {
            echo "<tr>";
            echo "<td>" . $row['ApartmentNo'] . "</td>";

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        echo "<td>" . $row['FName'] . "</td>";
        echo "<td>" . $row['LName'] . "</td>";
        echo "<td>" . $row['PhoneNumber'] . "</td>";
        echo "<td>" . $row['Email'] . "</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 2
$sql = "SELECT LEASE.LeaseID, LEASE.Term, TENANT.FName, TENANT.LName,
TENANT.PhoneNumber, TENANT.Email, PAYMENT.DueDate, PAYMENT.PaidDate,
PAYMENT.Amount FROM TENANT NATURAL JOIN LEASE NATURAL JOIN PAYMENT
WHERE PAYMENT.DueDate < PAYMENT.PaidDate";
if ($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 "<th> Payment Amount </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>";

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        echo "<td>" . $row['DueDate'] . "</td>";
        echo "<td>" . $row['PaidDate'] . "</td>";
        echo "<td>" . $row['Amount'] . "</td>";
        echo "</tr>";
    }
    echo "</tbody>";
    echo "</table>";
} else {
    echo "No records matching your query were found. ";
}
} else {
    echo "ERROR: was not able to execute SQL query. " .
mysqli_error($link);
}

// VIEW 3
$sql = "SELECT DISTINCT LEASE.LeaseID, TENANT.FName, TENANT.LName,
TENANT.PhoneNumber, LEASE.StartDate, LEASE.ExpirationDate,
AMENITIES.AmenityName
FROM LEASE
JOIN TENANT ON LEASE.LeaseID = TENANT.LeaseID
JOIN AMENITY_USED ON TENANT.TenantID = AMENITY_USED.TenantID
JOIN AMENITIES ON AMENITY_USED.AmenityID = AMENITIES.AmenityID
WHERE LEASE.ExpirationDate >= CURDATE() AND LEASE.ExpirationDate <=
DATE_ADD(CURDATE(), INTERVAL 90 DAY) AND AMENITIES.FlagType =
'RENTAL'";
if ($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>";

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        echo "<td>" . $row['PhoneNumber'] . "</td>";
        echo "<td>" . $row['StartDate'] . "</td>";
        echo "<td>" . $row['ExpirationDate'] . "</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
$sql = "SELECT
    AMENITIES.FlagType, YEAR(AMENITY_USED.StartDate) AS StartYear,
    MONTH(AMENITY_USED.StartDate) AS StartMonth,
    SUM(AMENITIES.Price * COALESCE((AMENITY_USED.ReturnDate -
AMENITY_USED.StartDate), 1)) AS TotalAmount
FROM
    AMENITIES
JOIN
    AMENITY_USED ON AMENITIES.AmenityID = AMENITY_USED.AmenityID
WHERE
    AMENITY_USED.StartDate >= DATE_FORMAT(DATE_SUB(CURDATE(), INTERVAL
365 DAY), '%Y-%m-01')
    AND (AMENITIES.FlagType = 'LOAN' OR AMENITIES.FlagType = 'SALE')
GROUP BY
    AMENITIES.FlagType, StartMonth, StartYear
ORDER BY
    StartYear, StartMonth, AMENITIES.FlagType;";
if ($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>";
    }
}

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        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);
}

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// VIEW 5
$sql = "SELECT MAINTENANCE_JOB.Category,
MAINTENANCE_JOB.DateRequested, MAINTENANCE_JOB.DateScheduled,
MAINTENANCE_JOB.DateCompleted FROM MAINTENANCE_JOB ORDER BY
MAINTENANCE_JOB.Category, MAINTENANCE_JOB.DateRequested;";
if ($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>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['DateRequested'] . "</td>";
            echo "<td>" . $row['DateScheduled'] . "</td>";
            echo "<td>" . $row['DateCompleted'] . "</td>";
            echo "</tr>";
        }
        echo "</tbody>";
        echo "</table>";
    } else {

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        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_JOB.Category, MAINTENANCE_JOB.Quarter,
COUNT(MAINTENANCE_JOB.DateCompleted) AS
CompletedProjects,
(COUNT(MAINTENANCE_JOB.DateCompleted) /
COUNT(MAINTENANCE_JOB.DateRequested) * 100) AS PercentageComplete,
AVG(MAINTENANCE_JOB.CompletionTime) AS AverageTime
FROM MAINTENANCE_JOB
GROUP BY MAINTENANCE_JOB.Category, MAINTENANCE_JOB.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 {

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```
        echo "ERROR: was not able to execute SQL query. " .  
mysqli_error($link);  
}
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?>
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</body>  
</html>
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