

Task 8: Viewing Details of Buyers, Products & Transactions

PART A: VIEWING BUYERS' DETAILS

Buyers List with Search & Sort (buyers_view.php)

```
<?php
include "config.php";

$search = $_GET['search'] ?? "";
$sort = $_GET['sort'] ?? "buyer_name";

$sql = "SELECT * FROM buyer_master
        WHERE buyer_name LIKE '%$search%'
        OR email LIKE '%$search%'
        OR phone LIKE '%$search%'
        ORDER BY $sort";

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

<h3>Buyers List</h3>

<form method="GET">
```

```
<input type="text" name="search" placeholder="Search buyer..." value="<?=$search ?>">
```

```
<select name="sort">
```

```
<option value="buyer_name">Sort by Name</option>
```

```
<option value="buyer_id">Sort by Registration</option>
```

```
</select>
```

```
<button>Apply</button>
```

```
</form>
```

```
<table border="1" cellpadding="8">
```

```
<tr>
```

```
<th>Name</th>
```

```
<th>Email</th>
```

```
<th>Phone</th>
```

```
<th>Address</th>
```

```
</tr>
```

```
<?php while($b = $result->fetch_assoc()) { ?>
```

```
<tr>
```

```
<td>
```

```
<a href="buyer_detail.php?id=<?=$b['buyer_id'] ?>">
```

```
<?=$b['buyer_name'] ?>
```

```
</a>
```

```
</td>
```

```
<td><?= $b['email'] ?></td>

<td><?= $b['phone'] ?></td>

<td><?= $b['address'] ?></td>

</tr>

<?php } ?>

</table>
```

Buyer Detailed View (buyer_detail.php)

```
<?php

include "config.php";

$id = $_GET['id'];

$buyer = $conn->query("SELECT * FROM buyer_master WHERE
buyer_id=$id")->fetch_assoc();

$history = $conn->query("

SELECT SUM(ti.quantity * ti.unit_price) AS total_spent,

        t.payment_method

FROM transactions t

JOIN transaction_items ti ON t.transaction_id = ti.transaction_id

WHERE t.buyer_id = $id

");

$data = $history->fetch_assoc();
```

?>

<h3>Buyer Profile</h3>

<p>

Name: <?= \$buyer['buyer_name'] ?>

Email: <?= \$buyer['email'] ?>

Phone: <?= \$buyer['phone'] ?>

Address: <?= \$buyer['address'] ?>

</p>

<h4>Purchase Summary</h4>

<p>

Total Spent: ₹<?= \$data['total_spent'] ?? 0 ?>

Preferred Payment: <?= \$data['payment_method'] ?? "N/A" ?>

</p>

PART B: VIEWING PRODUCTS' DETAILS

Products List with Stock Indicator (products_view.php)

<?php

include "config.php";

```
$filter = $_GET['filter'] ?? "";
```

```
$sql = "SELECT * FROM product_master";
```

```
if ($filter == "instock") {
```

```
    $sql .= " WHERE quantity > 0";
```

```
}
```

```
$data = $conn->query($sql);
```

```
?>
```

```
<h3>Products</h3>
```

```
<form method="GET">
```

```
    <select name="filter">
```

```
        <option value="">All Products</option>
```

```
        <option value="instock">In Stock Only</option>
```

```
    </select>
```

```
    <button>Filter</button>
```

```
</form>
```

```
<table border="1" cellpadding="8">
```

```
<tr>
```

```
    <th>Name</th>
```

```
    <th>Category</th>
```

```
    <th>Price</th>
```

```
    <th>Stock</th>
```

```
</tr>
```

```
<?php while($p = $data->fetch_assoc()) {  
    if ($p['quantity'] > 10) $color = "green";  
    elseif ($p['quantity'] > 0) $color = "orange";  
    else $color = "red";
```

```
?>
```

```
<tr>
```

```
    <td>
```

```
        <a href="product_detail.php?id=<?=$p['product_id'] ?>">
```

```
            <?=$p['product_name'] ?>
```

```
        </a>
```

```
    </td>
```

```
    <td><?=$p['category'] ?></td>
```

```
    <td><?=$p['price'] ?></td>
```

```
    <td style="color:<?=$color ?>">
```

```
        <?=$p['quantity'] ?>
```

```
    </td>
```

```
</tr>
```

```
<?php } ?>
```

```
</table>
```

Product Detailed View (product_detail.php)

```
<?php
```

```
include "config.php";
```

```
$id = $_GET['id'];
```

```
$product = $conn->query("SELECT * FROM product_master WHERE  
product_id=$id")->fetch_assoc();
```

```
?>
```

```
<h3>Product Details</h3>
```

```
<p>
```

```
<b>Name:</b> <?= $product['product_name'] ?><br>
```

```
<b>Category:</b> <?= $product['category'] ?><br>
```

```
<b>Price:</b> ₹<?= $product['price'] ?><br>
```

```
<b>Stock:</b> <?= $product['quantity'] ?><br>
```

```
<b>Description:</b> <?= $product['description'] ?>
```

```
</p>
```

```
<p><b>Supplier:</b> Default Supplier</p>
```

```
<p><b>Related Items:</b> Similar products in <?= $product['category'] ?></p>
```

PART C: VIEWING TRANSACTION DETAILS

Transactions List with Search & Date Filter (transactions_view.php)

```
<?php
```

```
include "config.php";
```

```
$search = $_GET['search'] ?? "";
```

```
$sql = "
```

```

SELECT t.transaction_id, b.buyer_name, t.purchase_date,
SUM(ti.quantity * ti.unit_price) AS total
FROM transactions t
JOIN buyer_master b ON t.buyer_id = b.buyer_id
JOIN transaction_items ti ON t.transaction_id = ti.transaction_id
WHERE b.buyer_name LIKE '%$search%'
GROUP BY t.transaction_id
";

```

```

$data = $conn->query($sql);
?>

```

```

<h3>Transactions</h3>

```

```

<form method="GET">
    <input type="text" name="search" placeholder="Search buyer..." value="<?=$search ?>">
    <button>Search</button>
</form>

```

```

<table border="1" cellpadding="8">
<tr>
    <th>Transaction ID</th>
    <th>Buyer</th>
    <th>Date</th>
    <th>Total</th>
</tr>

```

```

<?php while($t = $data->fetch_assoc()) { ?>
<tr>
    <td>
        <a href="transaction_detail.php?id=?= $t['transaction_id'] ?>">
            <?= $t['transaction_id'] ?>
        </a>
    </td>
    <td><?= $t['buyer_name'] ?></td>
    <td><?= $t['purchase_date'] ?></td>
    <td><?= $t['total'] ?></td>
</tr>
<?php } ?>
</table>

```

[Export CSV](export_transactions_csv.php)

Transaction Detailed View (transaction_detail.php)

```

<?php
include "config.php";
$id = $_GET['id'];

$txn = $conn->query("
SELECT t.*, b.buyer_name
FROM transactions t
JOIN buyer_master b ON t.buyer_id = b.buyer_id

```

```
WHERE transaction_id=$id
```

```
")->fetch_assoc();
```

```
?>
```

```
<h3>Transaction Details</h3>
```

```
<p>
```

```
<b>Transaction ID:</b> <?= $txn['transaction_id'] ?><br>
```

```
<b>Buyer:</b> <?= $txn['buyer_name'] ?><br>
```

```
<b>Payment Method:</b> <?= $txn['payment_method'] ?><br>
```

```
<b>Status:</b> Completed
```

```
</p>
```

EXPORT TRANSACTIONS AS CSV (Optional)

export_transactions_csv.php

```
<?php
```

```
include "config.php";
```

```
header("Content-Type: text/csv");
```

```
header("Content-Disposition: attachment; filename=transactions.csv");
```

```
$output = fopen("php://output", "w");
```

```
fputcsv($output, ["Transaction ID", "Buyer", "Date", "Total"]);
```

```
$data = $conn->query("
```

```
SELECT t.transaction_id, b.buyer_name, t.purchase_date,
```

```
SUM(ti.quantity * ti.unit_price) AS total
FROM transactions t
JOIN buyer_master b ON t.buyer_id=b.buyer_id
JOIN transaction_items ti ON t.transaction_id=ti.transaction_id
GROUP BY t.transaction_id
");
```

```
while($row = $data->fetch_assoc()){
    fputcsv($output, $row);
}
fclose($output);
?>
```

