Order Processing System for a Shopping Mall - A Method

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Abstract: Malls always adopts the positive change and promoting the creativity in the people lifestyle. There are various determinants which help the customer on the selection of shopping mall. Important factors were studied to see the customer preference for the shopping mall with the help of the structured questionnaire. This paper proposed order processing system considering products of male, female and kid.

Keywords: Shopping Mall Services, Motivations, Purchase Intention and Customer Patronage

Introduction
In online shopping as well as offline shopping, order management system needs to develop to save a lot of time. It includes the process of tracking one or more orders from receiving to completion. The completion process means that the goods are received by the customer. An Order Management System (OMS) automates and streamlines order processing for businesses. An OMS provides constantly updated inventory information, a database of vendors, a database of customers, a record of customer returns and refunds, information on billing and payments, order processing records, and general ledger information. This paper shows how order processing is done in a shopping mall. Here it is assumed that each shop in the mall acts as a module and the proposed system can apply to other shops as well.

Literature Review
Researchers examined the shopping motives of shopping mall visitors to understand the shopping mall products [1-3]. Other researchers also examined the influence of hedonic and utilitarian shopping motives on shopping mall consumers’ attitudes towards shopping malls and the results revealed that shopping mall consumers visit malls for both hedonic and utilitarian shopping motives [4-6]. Researchers also examined consumers’ behaviour at the shopping malls and convenience as a shopping mall attribute has the largest impact on selecting which shopping mall to visit [7-9]. The availability of a wide selection of products at the shopping malls can reduce the perceived costs (for example, travel time and effort taken) associated with each shopping trip and ease the shopping task [10].

Proposed Method
Research objectives of this study can be summarized as follows:

a. Create form containing details of customer in the particular shop
b. Ask their requirements
c. Display availability of items and ask customer to select item (s)
d. Billing for Customer
e. Inventory of the stock management
f. Analyze after one day how much sale and profit.

Results
The results of screen shots are presented in the following ways while processing the order.
Analyze after one day how much sale and profit
Form for Customer Details HTML code

```
1 <html>
2   <head>
3     <meta charset="UTF-8">
4     <title>Customer Details</title>
5     <link rel="stylesheet" href="/css/main.css">
6   </head>
7
8   <body bgcolor="skyblue">
9     <h2 style="text-align: center">WELCOME! To our store.</h2>
10    <br>
11     <p>We are at your service.</p></br>
12   </center>
13   </body>
14 </html>
```

Form Output Window

```
WELCOME! To our store.

We are at your service.

Name: 
Address:
Mobile Number:
Email:

Submit
```
Menu page HTML code
Hope you have a nice Experience!

Menu Page output window: the selected option opens the next webpage
```
1  <!doctype html>
2  <html lang="en">
3  
4  <head>
5      <meta charset="UTF-8">
6      <title>Men\'s Dresses</title>
7      <link rel="stylesheet" href="men.css">
8  </head>
9  
10  <body>
11  
12  <table>
13      <caption><h2>Choose Your Brand</h2></caption>
14      <tr>
15          <th>Serial No.</th>
16          <th>Company</th>
17          <th>Choose</th>
18      </tr>
19      <tr>
20          <td>1</td>
21          <td>Levi\'s</td>
22          <td><a href="levi.html">Click Here</a></td>
23      </tr>
24      <tr>
25          <td>2</td>
26          <td>Peter England</td>
27          <td><a href="peter.html">Click Here</a></td>
28      </tr>
29      <tr>
30          <td>3</td>
31          <td>Killer</td>
32          <td><a href="killer.html">Click Here</a></td>
33      </tr>
34      
35  </table>
36  
37  </body>
38  
```

Men Dresses page HTML code
Choose Your Brand

<table>
<thead>
<tr>
<th>Serial No.</th>
<th>Company</th>
<th>Choose</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Levi's</td>
<td>Click Here</td>
</tr>
<tr>
<td>2.</td>
<td>Peter England</td>
<td>Click Here</td>
</tr>
<tr>
<td>3.</td>
<td>Killer</td>
<td>Click Here</td>
</tr>
</tbody>
</table>

Men Dresses page: Chosen the brand, products are shown related to the brand.
Items for Levi’s Brand and their Bill Calculation HTML code

```html
1. <html lang="en">
2.   <head>
3.     <title>Products</title>
4.     <link rel="stylesheet" href="/css/main.css"/>
5.   </head>
6.   <body bgcolor="skyblue">
7.     <table id="product">
8.       <caption>Choose From Your Favourite Levi's Items</caption>
9.       <tr>
10.         <th>Sr. No.</th>
11.         <th>Description</th>
12.         <th>Price</th>
13.       </tr>
14.       <tr>
15.         <td>1</td>
16.         <td>Red Cotton Shirt</td>
17.         <td>Rs. 999</td>
18.       </tr>
19.       <tr>
20.         <td>2</td>
21.         <td>Striped Jeans</td>
22.         <td>Rs. 2999</td>
23.       </tr>
24.       <tr>
25.         <td>3</td>
26.         <td>Green Denim Shirt</td>
27.         <td>Rs. 2499</td>
28.       </tr>
29.       <tr>
30.         <td>4</td>
31.         <td>Blue Denim Jacket</td>
32.         <td>Rs. 5999</td>
33.       </tr>
34.     </table>
35.     <center>
36.         <form name="listform">
37.           1(rs 999):<input type="checkbox" name="choice" value="999" onclick="total()"/>
38.           2(rs 599):<input type="checkbox" name="choice" value="599" onclick="total()"/>
39.           3(rs 2999):<input type="checkbox" name="choice" value="2999" onclick="total()"/>
40.         Total:<input type="text" size="4" name="ttl" value="0"></form>
41. <script type="text/javascript">
42.     function total()
43.     {
44.       document.listform.ttl.value = ' '; 
45.       var sum=0;
46.       for(i=0;i<document.listform.choice.length;i++)
47.       {
48.         if(document.listform.choice[i].checked==true)
49.         {
50.           sum=sum+parseInt(document.listform.choice[i].value);
51.         }
52.       }
53.       document.listform.ttl.value=sum;
54.     }
55. </script>
56. </center>
57. </body>
58. </html>
```
Choose From Your Favourite Levi's Items

<table>
<thead>
<tr>
<th>Serial No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Striped T-shirt</td>
<td>Rs.999</td>
</tr>
<tr>
<td>2.</td>
<td>Red Cotton Shirt</td>
<td>Rs.599</td>
</tr>
<tr>
<td>3.</td>
<td>Stripped Jeans</td>
<td>Rs.2999</td>
</tr>
</tbody>
</table>

1(Rs 999)  
2(Rs 599)  
3(Rs 2999) 
Total: 3998

Products from a specific Brand and the Bill calculation
Items for Peter England Brand and their Bill Calculation HTML code
Choose From Your Favourite Peter England Items

<table>
<thead>
<tr>
<th>Serial No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Ghostwhite Formal Shirt</td>
<td>Rs.799</td>
</tr>
<tr>
<td>2.</td>
<td>Cute Purple Shirt</td>
<td>Rs.1099</td>
</tr>
<tr>
<td>3.</td>
<td>Readymade black Formal Pants</td>
<td>Rs.1290</td>
</tr>
</tbody>
</table>

1(Rs 799): ✓
2(Rs 1099): ✓
3(Rs 1290):

Total: 1898

Products from a specific Brand and the Bill calculation
Items for Killer Brand and their Bill Calculation HTML code
Choose From Your Favourite Killer Items

<table>
<thead>
<tr>
<th>Serial No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Standard Blue Jeans</td>
<td>Rs.1499</td>
</tr>
<tr>
<td>2.</td>
<td>Easises(Blue Jeans)</td>
<td>Rs.1259</td>
</tr>
<tr>
<td>3.</td>
<td>Black Stripped Jeans</td>
<td>Rs.3109</td>
</tr>
</tbody>
</table>

1(Rs 1499):

2(Rs 1259):

3(Rs 3109):

Total: 4508

Products from a specific Brand and the Bill calculation
Women Dresses page HTML code
<table>
<thead>
<tr>
<th>Serial No.</th>
<th>Company</th>
<th>Choose</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Zara</td>
<td>Click Here</td>
</tr>
<tr>
<td>2.</td>
<td>Gucci</td>
<td>Click Here</td>
</tr>
<tr>
<td>3.</td>
<td>Calvin Klein</td>
<td>Click Here</td>
</tr>
</tbody>
</table>

Women Dresses page- Chosen the brand, products are shown related to the brand.
Items for Zara Brand and their Bill Calculation HTML code
Choose From Your Favourite Items

<table>
<thead>
<tr>
<th>Serial No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>High Neck Frill Top Emerald</td>
<td>Rs.5880</td>
</tr>
<tr>
<td>2.</td>
<td>Fitted Dress</td>
<td>Rs.7959</td>
</tr>
<tr>
<td>3.</td>
<td>Puff Sleeve Dress</td>
<td>Rs.6240</td>
</tr>
</tbody>
</table>

1(Rs 5880):

2(Rs 7959):

3(Rs 6240):

Total: Rs.7959

Products from a specific Brand and the Bill calculation
Items for Gucci Brand and their Bill Calculation HTML code
Choose From Your Favourite Items

<table>
<thead>
<tr>
<th>Serial No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Gucci Silk Dress</td>
<td>Rs.13380</td>
</tr>
<tr>
<td>2.</td>
<td>Black Belted Gown</td>
<td>Rs.16243</td>
</tr>
<tr>
<td>3.</td>
<td>Embellished Lace-Trimmed Dress</td>
<td>Rs.29240</td>
</tr>
</tbody>
</table>

1(Rs 13380): 
2(Rs 16243): 
3(Rs 29240): 
Total: 13380

Products from a specific Brand and the Bill calculation
Items for Calvin Klein Brand and their Bill Calculation HTML code
### Choose From Your Favourite Items

<table>
<thead>
<tr>
<th>Serial No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Bell Sleeve Piping Dress</td>
<td>Rs.6380</td>
</tr>
<tr>
<td>2.</td>
<td>Seam Front Scuba Grey Dress</td>
<td>Rs.12259</td>
</tr>
<tr>
<td>3.</td>
<td>Faux-Pearl Detailed</td>
<td>Rs.9240</td>
</tr>
</tbody>
</table>

1(Rs 6380); ☑

2(Rs 12259); ☑

3(Rs 9240); ☑

Total: 9240

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Products from a specific Brand and the Bill calculation
Items for Kids Accessories and their Bill Calculation HTML code
### Choose From Your Favourite Items

<table>
<thead>
<tr>
<th>Serial No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Girls Partywear Princess Dress</td>
<td>Rs. 709</td>
</tr>
<tr>
<td>2.</td>
<td>Monte-Carlo Designed Green Shirt</td>
<td>Rs. 859</td>
</tr>
<tr>
<td>3.</td>
<td>Polka Dotted Girl's Black Dress</td>
<td>Rs. 880</td>
</tr>
</tbody>
</table>

Your Bill: \( 2448 \)
Toy Items and their Bill Calculation HTML code

Products and their Bill calculation
Conclusions

It is recommended that multiple shopping malls can be considered for future research and the results regarding main shopping reasons of consumers and frequency of visits at different malls be compared to add more insight.

References