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4IT-B

Using the updated database structure attached and the Order Searching process used in the demo, modify further your output.

If the user clicked the Open button inside the search result, the program should display, using a modal, the items connected to the order chosen. the table inside the modal should have the following columns: Item Name, Quantity, Unit Price, Total Price. The Total Amount Ordered must also be displayed inside the modal.

Take full screenshots of the codes of the following files and upload them (8 in total) in this post.

1. Web.php

```
routes > web.php
1  <?php
2
3  use Illuminate\Support\Facades\Route;
4  use App\Http\Controllers\OrderController;
5
6  Route::get('/', [OrderController::class, 'items']);
7
```

2. OrderController.php

```
app > Http > Controllers > OrderController.php > ...
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6  use App\Models\Items;
7  use App\Models\Order_items;
8  use App\Models\Orders;
9
10 2 references | 0 implementations
11 class OrderController
12 {
13     1 reference | 0 overrides
14     public function items(): mixed {
15         try {
16             $items = Order_items::with(['orders_id', 'items_id'])->get();
17
18             return view('index', compact('items'));
19         } catch (\Throwable $th) {
20             return response()->json(['message' => $th->getMessage()], 500);
21         }
22     }
23
24     0 references | 0 overrides
25     public function modal(): mixed {
26         try {
27             $items = Order_items::with(['orders_id', 'items_id'])->get();
28
29             return view('modal', compact('items'));
30         } catch (\Throwable $th) {
31             return response()->json(['message' => $th->getMessage()], 500);
32         }
33     }
34 }
```

3 Required Models

3. Items.php

```
app > Models > 🐾 Items.php > ...
1  <?php
2
3  namespace App\Models;
4
5  use Illuminate\Database\Eloquent\Model;
6  use Illuminate\Database\Eloquent\Factories\HasFactory;
7
8  6 references | 0 implementations
   class Items extends Model
9  {
10     use HasFactory;
11
12     0 references
   protected $primary_key = 'item_id';
13
14     0 references
   protected $fillable = [
15         'item_name',
16         'price',
17         'quantity',
18         'is_active'
19     ];
20 }
21
```

4. OrderItems.php

```
1  <?php
2
3  namespace App\Models;
4
5  use Illuminate\Database\Eloquent\Model;
6  use Illuminate\Database\Eloquent\Factories\HasFactory;
7
8  6 references | 0 implementations
9  class Order_items extends Model
10 {
11     use HasFactory;
12
13     0 references
14     protected $primary_key = 'id';
15
16     0 references
17     protected $fillable = [
18         'order_id',
19         'item_id',
20         'quantity',
21         'unit_price',
22     ];
23
24     0 references | 0 overrides
25     public function orders_id(): mixed {
26         return $this->belongsToMany(Orders::class, 'order_id', 'order_id');
27     }
28
29     0 references | 0 overrides
30     public function items_id(): mixed {
31         return $this->belongsToMany(Items::class, 'item_id', 'item_id');
32     }
33 }
```

5. Orders.php

```
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Model;
use Illuminate\Database\Eloquent\Factories\HasFactory;

7 references | 0 implementations
class Orders extends Model
{
    use HasFactory;

    0 references
    protected $primary_key = 'order_id';

    0 references
    protected $fillable = [
        'transaction_no',
        'customer_name',
        'order_status',
    ];

    0 references | 0 overrides
    public function getStateAttribute(): string {
        switch ($this->order_status) {
            case 0: return 'Cancelled';
            case 1: return 'Served';
            case 2: return 'Ready to Serve';
            case 3: return 'Pending';
            default: return '';
        }
    }
}
```

3 required views

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6.Data.blade.php

```
resources > views > data.blade.php 2--
1 <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/css/bootstrap.min.css" integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dHt1fQ784/j6cY/j6cY/j6cY/j6cY/j6cY/j6cY/j6cY/j6cY/j6cY/j6cY" crossorigin="anonymous">
2 <table class="table table-striped table-hover mt-4">
3   <thead>
4     <tr>
5       <th>#</th>
6       <th>Transaction No.</th>
7       <th>Customer Name</th>
8       <th>Status</th>
9       <th>Action</th>
10    </tr>
11  </thead>
12  <tbody>
13    @foreach($items as $order)
14      <tr>
15        <td>{{ $order->id }}</td>
16        <td>{{ $order->orders_id->transaction_no }}</td>
17        <td id="customer-name">{{ $order->orders_id->customer_name }}</td>
18        <td>{{ $order->orders_id->state }}</td>
19        <td><button class="btn btn-primary" data-toggle="modal" data-target="#exampleModalCenter">View</button></td>
20      </tr>
21    @endforeach
22  </tbody>
23 </table>
24
```

7. Index.blade.php

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/css/bootstrap.min.css" integrity="sha384-ggOyR0iXCbMQVtE/Wd+vqV1fQ784/j6cY11TQJhCw7x93voRkT2H2wIT" crossorigin="anonymous">
7     <title>Midterm_Lab_1</title>
8 </head>
9 <body class="container-fluid mt-4">
10
11     <form class="form-control" id="form">
12         <div class="d-flex flex-direction-column mx-5">
13             <input class="form-control" style="border-radius: 10px 0 0 10px" type="text" id="input-search" placeholder="Search by Customer Name">
14             <input class="btn btn-success br-0" style="border-radius: 0 10px 10px 0" type="submit" value="Search">
15         </div>
16     </form>
17
18     <div id="data-container">
19         <table class="table table-striped table-hover mt-4">
20             <thead>
21                 <tr>
22                     <th>#</th>
23                     <th>Transaction No.</th>
24                     <th>Customer Name</th>
25                     <th>Status</th>
26                     <th>Action</th>
27                 </tr>
28             </thead>
29             <tbody id="order-body">
30                 @foreach($items as $order)
31                     <tr>
32                         <td>{{ $order->id }}</td>
33                         <td>{{ $order->orders_id->transaction_no }}</td>
34                         <td class="customer-name">{{ $order->orders_id->customer_name }}</td>
35                         <td>{{ $order->orders_id->state }}</td>
36                         <td>
37                             <button class="btn btn-primary" data-toggle="modal" data-target="#exampleModalCenter" onclick="populateModal({{ json_encode(value: $order) }})">View</button>
38                         </td>
39                     </tr>
40                 @endforeach
41             </tbody>
42         </table>
43     </div>
44
45     @include('modal')
46
47     <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8l/X9950z00r17abX1kQVqVzpbz05smXp4YFRVH+8abTTE1Pi6jzo" crossorigin="anonymous"></script>
48     <script src="https://cdn.jsdelivr.net/npm/popper.js@1.14.7/dist/umd/popper.min.js" integrity="sha384-U02t8CpQb4S3Q6b7ty5KvPhPhM1c1HTNGa3302wmQq4sF86dIH028u1" crossorigin="anonymous"></script>
49     <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/js/bootstrap.min.js" integrity="sha384-1j5W4y9qDpR3X1bR1bZUAYoIY60Q0W-j1EaFf/n0GzIx7DsF4x8xIP4-B07jRM" crossorigin="anonymous"></script>
50
51     <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.7.1/jquery.min.js"></script>
52
53     <script type="text/javascript">
54         $(document).ready(function() {
55             const orders = @json(value: $items);
56
57             $('#form').submit(function(e) {
58                 e.preventDefault();
59
60                 const inputSearch = $('#input-search').val().toLowerCase();
61                 const filteredOrders = orders.filter(order =>
62                     order.orders_id.customer_name.toLowerCase().includes(inputSearch)
63                 );
64
65                 displayOrders(filteredOrders);
66             });
67
68             function displayOrders(filteredOrders) {
69                 const orderBody = $('#order-body');
70                 orderBody.empty();
71
72                 if (filteredOrders.length === 0) {
73                     orderBody.append('<tr><td colspan="5" class="text-center">No results found.</td></tr>');
74                     return;
75                 }
76
77                 filteredOrders.forEach(order => {
78                     const row = `
79                         <tr>
80                             <td>${order.id}</td>
81                             <td>${order.orders_id.transaction_no}</td>
82                             <td class="customer-name">${order.orders_id.customer_name}</td>
83                             <td>${order.orders_id.state}</td>
84                             <td>
85                                 <button class="btn btn-primary" data-toggle="modal" data-target="#exampleModalCenter" onclick="populateModal(${JSON.stringify(order)})">View</button>
86                             </td>
87                         </tr>
88                     `;
89                     orderBody.append(row);
90                 });
91             }
92
93             function populateModal(order) {
94                 const modalBody = document.getElementById('modal-body-content');
95                 modalBody.innerHTML = `
96
97                 order.items.forEach(item => {
98                     const row = `
99                         <tr>
100                             <td>${item.item_name}</td>
101                             <td>${item.price} pesos</td>
102                             <td>${item.quantity}</td>
103                             <td>${item.unit_price}</td>
104                         </tr>
105                     `;
106                     modalBody.innerHTML += row;
107                 });
108             }
109         });
110     </script>
111 </body>
112 </html>

```

8. Modal.blade.php

```
1 <div class="modal fade" id="exampleModalCenter" tabindex="-1" role="dialog" aria-labelledby="exampleModalCenterTitle" aria-hidden="true">
2   <div class="modal-dialog modal-dialog-centered" role="document">
3     <div class="modal-content">
4       <div class="modal-header">
5         <h5 class="modal-title" id="exampleModalLongTitle">Transaction Summary</h5>
6         <button type="button" class="close" data-dismiss="modal" aria-label="Close">
7           <span aria-hidden="true">&times;</span>
8         </button>
9       </div>
10
11       <div class="modal-body">
12         <div class="d-flex justify-content-between">
13           <table class="table-striped mt-0 table-hover" style="width: 100%; margin-top: 20px;">
14             <thead>
15               <tr>
16                 <th>Item Name</th>
17                 <th>Price</th>
18                 <th>Quantity</th>
19                 <th>Total Price</th>
20               </tr>
21             </thead>
22             <tbody>
23               @foreach($items as $order)
24                 <tr>
25                   <td>{{ $order->items_id->item_name }}</td>
26                   <td>{{ $order->items_id->price }} pesos</td>
27                   <td>{{ $order->items_id->quantity }}</td>
28                   <td>{{ $order->unit_price }}</td>
29                 </tr>
30               @endforeach
31             </tbody>
32           </table>
33         </div>
34       </div>
35       <div class="modal-footer">
36         <button type="button" class="btn btn-secondary" data-dismiss="modal" data-target="#exampleModalCenterClose">Close</button>
37       </div>
38     </div>
39   </div>
40 </div>
```