

# LAPORAN PRAKTIKUM PEMROGRAMAN BERBASIS FRAMEWORK GENAP 2023 / 2024

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1. Implementasikan penggunaan JQuery Data table Pada project UTS sebelumnya. Adapun Fitur-fitur yang perlu anda kembangkan sebagai berikut:
  - a. Pengelolaan Data Master User.

The image shows a screenshot of a web application interface for managing users, titled "Data User". The interface includes a table with columns: No, Name, Email, No HP, Kota, Role, Status, and Action. The table contains three entries. Above the table are buttons for "Copy", "CSV", "Excel", "PDF", and "Print". A search bar is located to the right of the table. Below the table, it says "Showing 1 to 3 of 3 entries".

Below the screenshot, the jQuery DataTables code is displayed, showing the initialization of the table with various options like dom, buttons, paging, and searching.

```
112 <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/5.3.0/css/bootstrap.min.css">
113 <link rel="stylesheet" href="https://cdn.datatables.net/1.13.5/css/dataTables.bootstrap5.min.css">
114 <link rel="stylesheet" href="https://cdn.datatables.net/buttons/2.4.1/css/buttons.bootstrap5.min.css">
115
116 <script src="https://code.jquery.com/jquery-3.7.1.min.js"></script>
117 <script src="https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/5.3.0/js/bootstrap.bundle.min.js"></script>
118 <script src="https://cdn.datatables.net/1.13.5/js/jquery.dataTables.min.js"></script>
119 <script src="https://cdn.datatables.net/1.13.5/js/dataTables.bootstrap5.min.js"></script>
120 <script src="https://cdn.datatables.net/buttons/2.4.1/js/dataTables.buttons.min.js"></script>
121 <script src="https://cdn.datatables.net/buttons/2.4.1/js/buttons.bootstrap5.min.js"></script>
122 <script src="https://cdnjs.cloudflare.com/ajax/libs/jszip/3.10.1/jszip.min.js"></script>
123 <script src="https://cdnjs.cloudflare.com/ajax/libs/pdfmake/0.2.7/pdfmake.min.js"></script>
124 <script src="https://cdnjs.cloudflare.com/ajax/libs/pdfmake/0.2.7/vfs_fonts.js"></script>
125 <script src="https://cdn.datatables.net/buttons/2.4.1/js/buttons.html5.min.js"></script>
126 <script src="https://cdn.datatables.net/buttons/2.4.1/js/buttons.print.min.js"></script>
127 <script src="https://cdn.datatables.net/buttons/2.4.1/js/buttons.colVis.min.js"></script>
128
129
130 <script>
131 $(document).ready(function() {
132     $('#userTable').DataTable({
133         dom: 'Bfrtip',
134         buttons: [
135             'copy', 'csv', 'excel', 'pdf', 'print'
136         ],
137         paging: true,
138         lengthChange: true,
139         searching: true,
140         ordering: true,
141         info: true,
142         autoWidth: false,
143         responsive: true
144     });
145 });
146 </script>
```

- b. Pengelolaan Master Menu.

The image shows a screenshot of a web application interface for managing menus, titled "Data Menu". The interface includes a table with columns: Nama, Link, Icon, and Action. The table contains five entries. Above the table are buttons for "Copy", "CSV", "Excel", "PDF", and "Print". A search bar is located to the right of the table. Below the table, it says "Showing 1 to 5 of 5 entries".

```

72 <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/5.3.0/css/bootstrap.min.css">
73 <link rel="stylesheet" href="https://cdn.datatables.net/1.13.5/css/dataTables.bootstrap5.min.css">
74 <link rel="stylesheet" href="https://cdn.datatables.net/buttons/2.4.1/css/buttons.bootstrap5.min.css">
75
76 <script src="https://code.jquery.com/jquery-3.7.1.min.js"></script>
77 <script src="https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/5.3.0/js/bootstrap.bundle.min.js"></script>
78 <script src="https://cdn.datatables.net/1.13.5/js/jquery.dataTables.min.js"></script>
79 <script src="https://cdn.datatables.net/1.13.5/js/dataTables.bootstrap5.min.js"></script>
80 <script src="https://cdn.datatables.net/buttons/2.4.1/js/dataTables.buttons.min.js"></script>
81 <script src="https://cdn.datatables.net/buttons/2.4.1/js/buttons.bootstrap5.min.js"></script>
82 <script src="https://cdnjs.cloudflare.com/ajax/libs/jszip/3.10.1/jszip.min.js"></script>
83 <script src="https://cdnjs.cloudflare.com/ajax/libs/pdfmake/0.2.7/pdfmake.min.js"></script>
84 <script src="https://cdnjs.cloudflare.com/ajax/libs/pdfmake/0.2.7/vfs_fonts.js"></script>
85 <script src="https://cdn.datatables.net/buttons/2.4.1/js/buttons.html5.min.js"></script>
86 <script src="https://cdn.datatables.net/buttons/2.4.1/js/buttons.print.min.js"></script>
87 <script src="https://cdn.datatables.net/buttons/2.4.1/js/buttons.colVis.min.js"></script>
88
89
90 <script>
91 $(document).ready(function() {
92     $('#menu_table').DataTable({
93         dom: 'Bfrtip',
94         buttons: [
95             'copy', 'csv', 'excel', 'pdf', 'print'
96         ],
97         paging: true,
98         lengthChange: true,
99         searching: true,
100         ordering: true,
101         info: true,
102         autoWidth: false,
103         responsive: true
104     });
105 });
106 </script>

```

c. Setting menu masin-masing Role atau jenis user (optional)

**Data Role**

Copy CSV Excel PDF Print

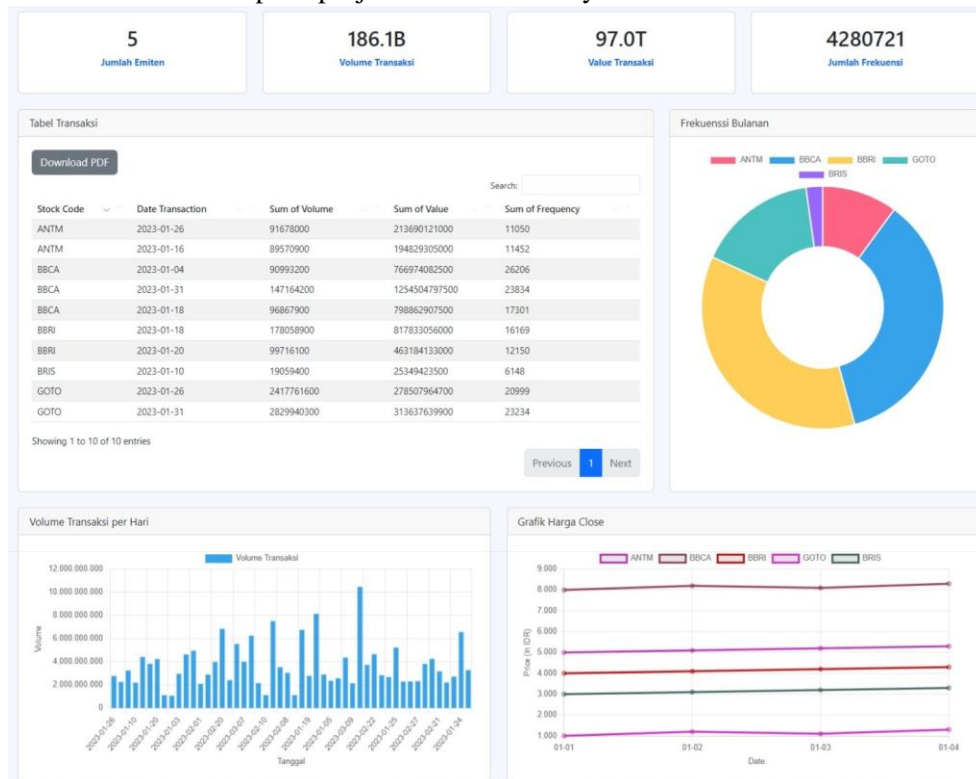
Search:

No	Nama Role	Action
1	admin	<a href="#">Edit</a> <a href="#">Delete</a>
2	staff	<a href="#">Edit</a> <a href="#">Delete</a>
3	pengguna	<a href="#">Edit</a> <a href="#">Delete</a>
4	test	<a href="#">Edit</a> <a href="#">Delete</a>

Showing 1 to 4 of 4 entries

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2. Membuat Fitur dashboard pada project UTS sebelumnya.



```

153 <script src="https://cdn.jsdelivr.net/npm/chart.js"></script>
154 <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
155
156 <script>
157 // Pie Chart Data from Blade
158 var pieData = @json($pie_data);
159
160 // Prepare labels and values for the pie chart
161 var pieLabels = Object.keys(pieData);
162 var pieValues = Object.values(pieData);
163
164 // Create Pie Chart
165 var ctxPie = document.getElementById('pieChart').getContext('2d');
166 var pieChart = new Chart(ctxPie, {
167   type: 'doughnut',
168   data: {
169     labels: pieLabels,
170     datasets: [{
171       data: pieValues,
172       backgroundColor: ['FF6384', '36A2EB', 'FFCE56', '48C0CB', '9966FF']
173     }]
174   }
175 });
176
177 // Line Chart Data from Blade
178 var lineLabels = @json($dotes);
179 var prices = @json($prices);
180
181 // Prepare datasets for the line chart
182 var lineDatasets = [];
183 Object.keys(prices).forEach(function(emiten) {
184   lineDatasets.push({
185     label: emiten,
186     data: prices[emiten],
187     fill: false,
188     borderColor: getRandomColor(),
189   });
190 });
191

```

3. Membuat Fitur Downloads Laporan Transaksi Saham  
membuat laporan transaksi saham sesuai dengan inspirasi yang anda dapatkan berdasarkan PDM dan data yang telah diberikan. Berikut merupakan contoh laporan transaksi sederhana yang mungkin dapat anda buat berdasarkan data tersebut:

Laporan Transaksi Saham				
Skydash Admin				
Stock Code	Date Transaction	Sum of Volume	Sum of Value	Sum of Frequency
ANTM	2023-01-25	91678000	213690121000	11050
ANTM	2023-01-16	89570900	194829305000	11452
BBCA	2023-01-04	90993200	766974082500	26206
BBCA	2023-01-31	147164200	1254504797500	23834
BBCA	2023-01-18	96867900	798862907500	17301
BBRI	2023-01-18	178058900	817833056000	16169
BBRI	2023-01-20	99716100	463184133000	12150
BRIS	2023-01-10	19059400	25349423500	6148
GOTO	2023-01-26	2417761600	278507964700	20999
GOTO	2023-01-31	2829940300	313637639900	23234