```
 1    /**
 2     * @fileOverview JavaScript Event Handler Module.
 3     * @author <a href="https://github.com/richardhenyash">Richard Ash</a>
 4     * @version 1.1.1
 5     */
 6    /*jshint esversion: 6 */
 7
 8    // Initialisation Event Handlers //
 9
10    // DataTables event handlers
11
12    // Products Table
13    $(document).ready(function() {
14        $("#productsTable").DataTable({
15            // Fix width of rating column
16            "columnDefs": [
17                { "width": "6rem", "targets": 3 }
18            ]
19        });
20    });
21    // Reviews Table
22    $(document).ready(function() {
23        $("#reviewsTable").DataTable({
24            "columnDefs": [
25                // Fix width of rating column
26                { "width": "6rem", "targets": 1 },
27                // Fix width of user name column
28                { "width": "25%", "targets": 0 }
29            ]
30        });
31    });
32
33    // On load event handler for product view form to update rating stars
34    $("#product-view-form").ready(function() {
35        let rating = $('input[name="rating"]');
36        if (rating) {
37            let ratingval = parseInt(rating.val());
38            if (ratingval == 1) {
39                $("#star-1").removeClass("far fa-star").addClass("fas fa-star");
40                $("#star-2").removeClass("far fa-star").addClass("far fa-star");
41                $("#star-3").removeClass("far fa-star").addClass("far fa-star");
42                $("#star-4").removeClass("far fa-star").addClass("far fa-star");
43                $("#star-5").removeClass("far fa-star").addClass("far fa-star");
44            } else if (ratingval == 2) {
45                $("#star-1").removeClass("far fa-star").addClass("fas fa-star");
46                $("#star-2").removeClass("far fa-star").addClass("fas fa-star");
47                $("#star-3").removeClass("far fa-star").addClass("far fa-star");
```

CONFIGURE

Metrics

There are 8 functions in this file.

Function with the largest signature take 0 arguments, while the median is 0.

Largest function has 29 statements in it, while the median is 6.

The most complex function has a cyclomatic complexity value of 7 while the median is 1.

JS Hint

version 2.13.0
(https://github.com/jshint/j

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```
48              $("#star-4").removeClass("far fa-star").addClass("far fa-star");
49              $("#star-5").removeClass("far fa-star").addClass("far fa-star");
50          } else if (ratingval == 3) {
51              $("#star-1").removeClass("far fa-star").addClass("fas fa-star");
52              $("#star-2").removeClass("far fa-star").addClass("fas fa-star");
53              $("#star-3").removeClass("far fa-star").addClass("fas fa-star");
54              $("#star-4").removeClass("far fa-star").addClass("far fa-star");
55              $("#star-5").removeClass("far fa-star").addClass("far fa-star");
56          } else if (ratingval == 4) {
57              $("#star-1").removeClass("far fa-star").addClass("fas fa-star");
58              $("#star-2").removeClass("far fa-star").addClass("fas fa-star");
59              $("#star-3").removeClass("far fa-star").addClass("fas fa-star");
60              $("#star-4").removeClass("far fa-star").addClass("fas fa-star");
61              $("#star-5").removeClass("far fa-star").addClass("far fa-star");
62          } else if (ratingval == 5) {
63              $("#star-1").removeClass("far fa-star").addClass("fas fa-star");
64              $("#star-2").removeClass("far fa-star").addClass("fas fa-star");
65              $("#star-3").removeClass("far fa-star").addClass("fas fa-star");
66              $("#star-4").removeClass("far fa-star").addClass("fas fa-star");
67              $("#star-5").removeClass("far fa-star").addClass("fas fa-star");
68          }
69      }
70  });
71
72  // On Click Event Handlers //
73
74  // On click event added to rating stars //
75  $("#star-5").click(function() {
76      $("#star-1").removeClass("far fa-star").addClass("fas fa-star");
77      $("#star-2").removeClass("far fa-star").addClass("fas fa-star");
78      $("#star-3").removeClass("far fa-star").addClass("fas fa-star");
79      $("#star-4").removeClass("far fa-star").addClass("fas fa-star");
80      $("#star-5").removeClass("far fa-star").addClass("fas fa-star");
81      $('input[name="rating"]').val(5);
82  });
83
84  $("#star-4").click(function() {
85      $("#star-1").removeClass("far fa-star").addClass("fas fa-star");
86      $("#star-2").removeClass("far fa-star").addClass("fas fa-star");
87      $("#star-3").removeClass("far fa-star").addClass("fas fa-star");
88      $("#star-4").removeClass("far fa-star").addClass("fas fa-star");
89      $("#star-5").removeClass("fas fa-star").addClass("far fa-star");
90      $('input[name="rating"]').val(4);
91  });
92
93  $("#star-3").click(function() {
94      $("#star-1").removeClass("far fa-star").addClass("fas fa-star");
95      $("#star-2").removeClass("far fa-star").addClass("fas fa-star");
96      $("#star-3").removeClass("far fa-star").addClass("fas fa-star");
```

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```
 97        $("#star-4").removeClass("fas fa-star").addClass("far fa-star");
 98        $("#star-5").removeClass("fas fa-star").addClass("far fa-star");
 99        $('input[name="rating"]').val(3);
100    });
101
102    $("#star-2").click(function() {
103        $("#star-1").removeClass("far fa-star").addClass("fas fa-star");
104        $("#star-2").removeClass("far fa-star").addClass("fas fa-star");
105        $("#star-3").removeClass("fas fa-star").addClass("far fa-star");
106        $("#star-4").removeClass("fas fa-star").addClass("far fa-star");
107        $("#star-5").removeClass("fas fa-star").addClass("far fa-star");
108        $('input[name="rating"]').val(2);
109    });
110
111    $("#star-1").click(function() {
112        $("#star-1").removeClass("far fa-star").addClass("fas fa-star");
113        $("#star-2").removeClass("fas fa-star").addClass("far fa-star");
114        $("#star-3").removeClass("fas fa-star").addClass("far fa-star");
115        $("#star-4").removeClass("fas fa-star").addClass("far fa-star");
116        $("#star-5").removeClass("fas fa-star").addClass("far fa-star");
117        $('input[name="rating"]').val(1);
118    });
119
```

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