

 Warsaw University of Technology	Advanced Internet Programming
Project 8 JSON and jQuery applications	Maciej Iwańczyk 311258
Date: 19.04.2024	Grade:

1. Introduction:

In today's project I had to apply Datepicker in my project and apply fade effects into my pages.

2. Link to the website (later it will be uploaded to UNIX server):

The website: <https://zstarwarss.github.io/AIPprojectMI/>

The files and the codes: <https://github.com/ZstarwarsS/AIPprojectMI>

3. Datepicker:

```

135 $( function() {
136     $( "#datepicker" ).datepicker({
137         dateFormat: "yy-mm-dd", // Set the date format
138         autoFocus: true, // Disable autocomplete
139         onSelect: function(date) {
140             // When a date is selected, display some information related to that date
141             displayDateInfo("You selected: " + date);
142         }
143     });
144 } );
145
146 function displayDateInfo(info) {
147     jQuery("#date-info").html( info );
148 }

```

```

153 <p>Date: <input type="text" id="datepicker"></p>
154 <div id="date-info"></div>

```

Date:

You selected: 2024-04-08

I have created a simple function to store input from the datepicker and display it as an output. I can modify the function to my specific need for example if I need a range or some additional utility. For now the project does not have a real use for a datepicker, but it is there to modify in case the need arises.

4. Fade effects:

I have implemented fadeIn and fadeOut effects already on the pages in my previous project, so I have decided to add a fadeToggle function to Project 6.

```

45 <section id="example1">
46   <h2>Example 1:</h2>
47   <button id="toggle-example1">Toggle Example 1</button>
48   <div class="exercise-content">
49     <ul>
50       <li><strong>Name:</strong> <span id="name"></span></li>
51       <li><strong>Age:</strong> <span id="age"></span></li>
52       <li><strong>City:</strong> <span id="city"></span></li>
53       <li><strong>Employees:</strong>
54         <ul id="employees"></ul>
55       </li>
56       <li><strong>Sale:</strong> <span id="sale"></span></li>
57       <li><strong>Middle Name:</strong> <span id="middlename"></span></li>
58     </ul>
59   </div>
60 </section>
61
62 <section id="example2">
63   <h2>Example 2:</h2>
64   <button id="toggle-example2">Toggle Example 2</button>
65   <div class="exercise-content" id="example2-output"></div>
66 </section>
67
68 <section id="example4">
69   <h2>Example 4:</h2>
70   <button id="toggle-example4">Toggle Example 4</button>
71   <div class="exercise-content" id="example4-output"></div>
72 </section>
73
74 <section id="example6">
75   <h2>Example 6:</h2>
76   <button id="toggle-example6">Toggle Example 6</button>
77   <div class="exercise-content" id="example6-output"></div>
78 </section>

```

```

119 function initializeProject6() {
120   // Example: Toggle buttons initialization for Project 6
121   $("#toggle-example1").click(function() {
122     $("#example1 .exercise-content").fadeToggle();
123   });
124   $("#toggle-example2").click(function() {
125     $("#example2 .exercise-content").fadeToggle();
126   });
127   $("#toggle-example4").click(function() {
128     $("#example4 .exercise-content").fadeToggle();
129   });
130   $("#toggle-example6").click(function() {
131     $("#example6 .exercise-content").fadeToggle();
132   });
133 }

```

```

29 /* Hide exercise content by default */
30 .exercise-content {
31   display: none;
32 }

```

I have added buttons to the sections that I have connected to the toggle functionality in initializeProject6() function. I have put this function in my index.html file so that it has no problems reloading. I have also added a style to make contents of exercises hidden by default. The results are like this:

Smooth navigational menu with jQuery (Projects 5 and 7)

Date:

Project 1Project 2Project 3Project 4Project 6

JSON Examples

Example 1:

Toggle Example 1

Example 2:

Toggle Example 2

Example 4:

Toggle Example 4

Example 6:

Toggle Example 6

After toggling Ex.1 and Ex.2:

JSON Examples

Example 1:

Toggle Example 1

- Name: John
- Age: 30
- City: New York
- Employees:
 - John
 - Anna
 - Peter
 - John
 - Anna
 - Peter
- Sale: true
- Middle Name:

Example 2:

Toggle Example 2

Values from array: red(000) green(000) blue(000) cyan(000) magenta(000) yellow(000) black(000)

Example 4:

Toggle Example 4

Example 6:

Toggle Example 6