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1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Internet Apps Client</title>
5     <style>
6       input, button, h5 {
7         margin: 6px
8       }
9       td {
10        padding: 5px
11      }
12    </style>
13    <script type="text/javascript"
src="https://cdn.jsdelivr.net/npm/vue@2/dist/vue.js"></script>
14  </head>
15  <body>
16    <div id="app">
17      <h3>Internet Applications Assignment 2 Client</h3>
18      <button v-on:click="create()">Create</button>
19      <button v-on:click="destroy()">Destroy</button>
20      <h3 v-show="showCreating">Creating db table...</h3>
21      <h3 v-show="showDeleting">Deleting db table...</h3>
22      <h4>Input a year and a minimum rating to search</h4>
23      <h5>Movie Name</h5>
24      <input v-model="name"/>
25      <h5>Movie Year</h5>
26      <input v-model="year"/>
27      <h5>Movie Rating</h5>
28      <input v-model="rating"/>
29      <br />
30      <button v-on:click="query()">Query</button>
31      <h3 v-show="showSearching">Searching...</h3>
32      <div v-show="showResults">
33        <h3>Results</h3>
34        <table>
35          <tr>
36            <th>Year</th>
37            <th>Title</th>
38            <th>Rating</th>
39          </tr>
40          <tr v-for="movie in matchingMovies">
41            <td>{{ movie.year }}</td>
42            <td>{{ movie.title }}</td>
43            <td>{{ movie.rating }}</td>
44          </tr>
45        </table>
46      </div>
47      <h3 v-show="showNoMatches">No Matching Movies</h3>
48    </div>
49    <script>
50      var app = new Vue({
51        el: '#app',
52        data: {
53          name: '',
54          year: '',
55          rating: '',
56          showCreating: false,
57          showDeleting: false,
58          showSearching: false,

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59         showResults: false,
60         showNoMatches: false,
61         matchingMovies: [],
62         serverUrl: "http://34.241.85.34:8080"
63         // serverUrl: "http://localhost:8080"
64     },
65     methods: {
66         create: async function() {
67             this.showCreating = true
68             let url = this.serverUrl + "/create"
69             try {
70                 let res = await fetch(url, { method: "POST" })
71                 console.log(res)
72                 if (res.status == 200) alert("Successfully
created db table")
73             }
74             else {
75                 let err = await res.json()
76                 console.log(err)
77                 let message = err.error.message
78                 alert(`Failed to create db table, error:
${message}`)
79             }
80         } catch (err) {
81             console.log(err)
82         }
83         this.showCreating = false
84     },
85     query: async function() {
86         this.showSearching = true;
87         if (this.year == "" || this.rating == "") {
88             alert("please provide a year and minimum rating")
89         } else {
90             let url = this.serverUrl + `/query?
name=${this.name}&year=${this.year}&rating=${this.rating}`
91             try {
92                 let res = await fetch(url, { method: "GET" })
93                 console.log(res)
94                 let json = await res.json()
95                 this.matchingMovies = json.result
96                 if (this.matchingMovies.length == 0) {
97                     this.showResults = false
98                     this.showNoMatches = true
99                 } else {
100                     this.showNoMatches = false
101                     this.showResults = true
102                 }
103             } catch (err) {
104                 console.log(err)
105             }
106         }
107         this.showSearching = false;
108     },
109     destroy: async function() {
110         this.showDeleting = true
111         let url = this.serverUrl + "/destroy"
112         try {
113             let res = await fetch(url, { method: "DELETE" })
114             console.log(res)
115             if (res.status == 200) alert("Successfully
deleted db table")

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115         else {
116             let err = await res.json()
117             let message = err.error.message
118             alert(`Failed to delete db table, error:
119             ${message}`)
120         }
121     } catch (err) {
122         console.log(err)
123     }
124     this.showDeleting = false
125 },
126 })
127 </script>
128 </body>
129 </html>
130
```