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1 <!--
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3   Date: 29/11/2020
4 -->
5 <!DOCTYPE html>
6 <html>
7   <title>IA Assignment 2</title>
8   <body>
9     <script src="https://cdn.jsdelivr.net/npm/vue@2.6.12/dist/vue.js">
10    </script>
11    <div id="app">
12      <!-- INPUTS -->
13      <button v-on:click="createDatabaseBtn">Create Database</button>
14    <br>
15      Movie name: <input v-model="userMovieName"><br>
16      Movie year: <input v-model="userMovieYear"><br>
17      <button v-on:click="queryDatabaseBtn">Query Database</button><br>
18      <button v-on:click="destroyDatabaseBtn">Destroy Database</button>
19
20      <!-- RESULTS -->
21      <p v-if="queryMovies.length>0">Movies starting with "
22      {{userMovieName}}" from {{userMovieYear}}</p>
23      <li v-for="movie in queryMovies" :key="movie.movieName">
24        {{ movie.movieName }}
25      </li>
26    </div>
27
28    <script>
29      var vueApp = new Vue({
30        el: '#app',
31        data: {
32          userMovieName: null,
33          userMovieYear: null,
34          queryMovies: []
35        },
36        methods: {
37          createDatabaseBtn: databaseCreate,
38          queryDatabaseBtn: databaseQuery,
39          destroyDatabaseBtn: databaseDestroy
40        }
41      })
42
43      // Clicking each of these buttons will invoke API primitives
44      // on your Cloud-based server and deal with the responses.
45
46      function databaseCreate() {
47        /*
48        Make a table in a DynamoDB database – fetch the raw
49        data from the S3 object and upload it to the newly created
50        database.
51        */
52        console.log("Creating the database !!");

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51 console.log("creating the database !!");
52 let prom = fetch("/create");
53 }
54
55 function databaseQuery() {
56     /*
57     Find all the movies in a given year, that begin-with the
58     entered text string – and display them on the web-page.
59     */
60     console.log("Quering the database !!");
61     let prom = fetch("/query/" + this.userMovieYear + "/" +
62     this.userMovieName);
63
64     // Get response, put it into Vue variables
65     prom.then(response => response.json())
66     .then(response => {
67         this.queryMovies = response.list;
68         console.log(response.list);
69     })
70 }
71
72 function databaseDestroy() {
73     //Should cause the database table to be deleted.
74     console.log("Database being destroyed !!");
75     let prom = fetch("/destroy");
76 }
77 </script>
78 </body>
79 </html>
```