

```
1  <?php
2
3  include ("../include/login.php");
4
5
6  // GET
7
8  if ($_SERVER['REQUEST_METHOD'] === 'GET') {
9
10     // /logs/$log_id
11     if ($_GET['log_id']) {
12         $query = "SELECT * FROM logs
13             INNER JOIN logtypes ON logtypes.logtype_id = logs.logType
14             WHERE log_id = " . $_GET['log_id'];
15         $result = $mysqli->query($query) OR DIE($mysqli->error);
16         $logRow = $result->fetch_assoc();
17
18         $datetime = new DateTime($logRow['date']);
19         $isodata = $datetime->format(DateTime::ATOM);
20
21         $data = array(
22             'log_type' => $logRow['logtype_name'],
23             'log_id' => $logRow['log_id'],
24             'start_time' => $isodata,
25             'file_name' => $logRow['file_name'],
26             'entries' => array(),
27             'weather' => $logRow['weather'],
28             'notes' => $logRow['notes']
29         );
30
31         $query = "SELECT * FROM entries WHERE log_id = " . $_GET['log_id'] . " ORDER BY time";
32         $result = $mysqli->query($query) OR DIE($mysqli->error);
33
34         while ($row = $result->fetch_assoc()) {
35             $data['entries'][] = array('time' => $row['time'], 'count' => $row['count']);
36         }
37
38         header('Content-type: application/json');
39         echo json_encode($data);
40     }
41 }
42
43 // /years
44 else if ($_GET['getyears']) {
45     $query = "SELECT DISTINCT YEAR(date) as year FROM logs ORDER BY year DESC";
46     $result = $mysqli->query($query) OR DIE($mysqli->error);
47
48     $data = [];
49
50     while ($row = $result->fetch_assoc()) {
51         $data[] = $row['year'];
52     }
53
54     header('Content-type: application/json');
55     echo json_encode($data);
56 }
57
58
59
60 // /logs
61 // List of all logs
```

```
62     else {
63         $query = "SELECT logs.log_id, date, sum(entries.count) as count, weather, notes, logtype_name FROM logs
64         left join entries on entries.log_id = logs.log_id
65         LEFT JOIN logtypes ON logtypes.logtype_id = logs.logType";
66
67         if ($_GET['year'])
68             $query .= " WHERE YEAR(date) = '" . $_GET['year'] . "'";
69
70         $query .= " group by logs.log_id
71         ORDER BY date DESC";
72
73         $result = $mysqli->query($query) OR DIE($mysqli->error);
74
75         $data = array();
76
77         while ($row = $result->fetch_assoc()) {
78
79             $datetime = new DateTime($row['date']);
80             $isodata = $datetime->format(DateTime::ATOM);
81
82             $data[] = array(
83                 'id'=>$row['log_id'],
84                 'log_type'=>$row['logtype_name'],
85                 'date'=> $isodata,
86                 'totalCount' => $row['count'],
87                 'weather' => $row['weather'],
88                 'notes' => $row['notes']
89             );
90
91         }
92
93         header('Content-type: application/json');
94         echo json_encode($data);
95     }
96
97
98
99 }
100
101
102
103
104
105
106 // POST /logs
107 // Create a new log
108 if ($_SERVER['REQUEST_METHOD'] === 'POST') {
109
110     $data = json_decode(file_get_contents('php://input'), true);
111
112     // /logs/$log_id
113     if ($_GET['log_id']) {
114         $log_id = $_GET['log_id'];
115
116         $query = "INSERT INTO entries (log_id, time, count) VALUES ";
117
118         $inserts = Array();
119         foreach ($data as $entry) {
120             $inserts[] = "(" . $log_id . "', '" . $entry['time'] . "', '" . $entry['count'] . "' )";
121         }
122
123         $query .= implode(", ", $inserts);
```

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124
125
126     $result = $mysqli->query($query) OR DIE($mysqli->error);
127
128     $data = array('success' => $result == 1 ? true : false);
129     header('Content-type: application/json');
130     echo json_encode($data);
131
132 }
133
134 else {
135
136     // Multiple Logs
137     if (gettype($data[0]) == "array") {
138         // Map each log in the array through the insertLog function
139         $results = array_map("insertLog", $data);
140         $returnData = array('logIds' => $results);
141     }
142     // Single Log
143     else {
144         $log_id = insertLog($data,$mysqli);
145         $returnData = array('logId' => $log_id);
146     }
147
148     $returnData['postData'] = $data;
149
150     header('Content-type: application/json');
151     echo json_encode($returnData);
152
153 }
154
155 }
156
157 // Patch
158 if ($_SERVER['REQUEST_METHOD'] === 'PATCH') {
159
160     $data = json_decode(file_get_contents('php://input'), true);
161
162     // /logs/$log_id
163     if ($_GET['log_id']) {
164
165         $log_id = $_GET['log_id'];
166
167         $query = "UPDATE logs SET ";
168
169         $updates = array();
170
171         if ($data['date']) {
172             $date = date ("Y-m-d H:i:s", strtotime($data['date']));
173             $updates[] = "date = '". $date . "'";
174         }
175
176         if ($data['file_name']) {
177             $updates[] = "filename = '". $data['file_name'] . "'";
178         }
179
180         if (isset($data['notes'])) {
181             $notes = $mysqli->real_escape_string($data['notes']);
182             $updates[] = "notes = '". $notes . "'";
183         }
184
185         if (isset($data['weather'])) {
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```
186         $weather = $mysqli->real_escape_string($data['weather']);
187         $updates[] = "weather = '". $weather. "'";
188     }
189
190     $query .= implode(",",$updates);
191     $query .= " WHERE log_id = $log_id";
192
193     $result = $mysqli->query($query) OR DIE($mysqli->error);
194
195     echo $query;
196     echo $result;
197
198     // $query = "INSERT INTO entries (log_id, time, count) VALUES ";
199
200     // $inserts = Array();
201     // foreach ($data as $entry) {
202     //     $inserts[] = "(".$log_id."','".$entry['time']."','".$entry['count']."'";
203     // }
204
205     // $query .= implode(",",$inserts);
206
207
208     // $result = $mysqli->query($query) OR DIE($mysqli->error);
209
210     // $data = array('success' => $result == 1 ? true : false);
211     // header('Content-type: application/json');
212     // echo json_encode($data);
213
214 }
215 }
216
217
218 function insertLog($data) {
219
220     global $mysqli;
221
222     $date = date ("Y-m-d H:i:s", strtotime($data['date']));
223
224     $filename = $mysqli->real_escape_string($data['fileName']);
225     $weather = $mysqli->real_escape_string($data['weather']);
226     $notes = $mysqli->real_escape_string($data['notes']);
227     $logType = $data['logType'];
228
229     // Get the logtype_id
230     $query = "SELECT logtype_id FROM logtypes WHERE logtype_name = '$logType'";
231     $result = $mysqli->query($query) OR DIE($mysqli->error);
232     $logtype_id = $result->fetch_assoc()['logtype_id'];
233
234
235     $query = "INSERT INTO logs (logType, date, file_name, weather, notes) VALUES
236 ('$logtype_id','$date','$filename','$weather','$notes')";
237
238
239     $logResult = $mysqli->query($query) OR DIE($mysqli->error);
240
241     $log_id = $mysqli->insert_id;
242
243     // If there's data insert it into the entries table
244     if ($data['data']) {
245         $query = "INSERT INTO entries (log_id, time, count) VALUES ";
246
247         $inserts = Array();
```

```
248         foreach ($data['data'] as $entry) {
249             $inserts[] = "('$log_id','$entry['time'],'$entry['count'])";
250         }
251
252         $query .= implode(",",$inserts);
253         $entryResult = $mysqli->query($query) OR DIE($mysqli->error);
254     }
255
256     return $log_id;
257 }
258
259
260
261
?>
```