

```
1
2 import {VideoPlayer} from '../modules/videoplayer.js';
3 import {Log} from '../modules/log.js';
4
5 var video, startTime, log, slider, graph, countOut, dragCount = 0, videoFile, id, fromDB = false, videoPlayer;
6
7 window.log = log;
8
9 window.onload = setup;
10
11 function setup() {
12
13     const params = new URLSearchParams(location.search);
14     id = params.get('id');
15
16     if (id) {
17         fromDB = true;
18         buildPlayerFromId(id);
19     }
20
21     const dropBox = document.getElementById('dropbox');
22     const fileUpload = document.getElementById('fileUpload');
23     fileUpload.addEventListener("change", handleUpload)
24
25     dropbox.addEventListener("dragenter", dragEnter, false);
26     dropbox.addEventListener("dragover", dragOver, false);
27     dropbox.addEventListener("dragleave", dragLeave, false);
28     dropbox.addEventListener("drop", drop, false);
29     dropbox.addEventListener('click', () => {fileUpload.click()})
30 }
31
32
33 async function buildPlayerFromId(id) {
34     log = await Log.fromId2(id);
35     document.getElementById('clickToUpload').innerHTML = `Click to Upload ${log.fileName}`;
36 }
37
38
39 function dragEnter(e) {
40     e.stopPropagation();
41     e.preventDefault();
42
43     dragCount++;
44
45     e.target.classList.add('active');
46 }
47
48 function dragOver(e) {
49     e.stopPropagation();
50     e.preventDefault();
51 }
52
53 function dragLeave(e) {
54     e.stopPropagation();
55     e.preventDefault();
56
57     dragCount--;
58
59     if (dragCount === 0) {
60         e.target.classList.remove('active');
61     }
62 }
```

```
62 }
63
64 function drop(e) {
65     e.stopPropagation();
66     e.preventDefault();
67
68     // Grab the file
69     const file = e.dataTransfer.files[0];
70
71     if (fromDB) {
72         // Check to makes sure the uploaded file name matches the file name in the log
73         if (file.name == log.fileName) {
74             videoFile = file;
75             handleVideoUpload();
76         }
77     }
78     else {
79         // Check to make sure the file type contains "video"
80         if (/video/.test(file.type.toLowerCase())) {
81             videoFile = file;
82             handleVideoUpload();
83         }
84     }
85 }
86
87 function handleUpload(e) {
88
89     const file = this.files[0];
90
91     if (fromDB) {
92         // Check to makes sure the uploaded file name matches the file name in the log
93         if (file.name == log.fileName) {
94             videoFile = file;
95             handleVideoUpload();
96         }
97     }
98     else {
99         // Check to make sure the file type contains "video"
100         if (/video/.test(file.type.toLowerCase())) {
101             videoFile = file;
102             handleVideoUpload();
103         }
104     }
105 }
106
107
108 }
109
110
111 function handleVideoUpload() {
112     // Hide the upload screen
113     document.getElementById('videoUpload').classList.add('hide');
114
115     // Create the videoplayer object
116     videoPlayer = new VideoPlayer(document.getElementById('videoPlayer'));
117
118     // Load the video
119     let videoURL = URL.createObjectURL(videoFile);
120     videoPlayer.loadVideo(videoURL)
121
122     // Update the bird count when the log is changed
123     videoPlayer.onLogChange = () => {
```

```
124     let countString = log.currentCount + (log.currentCount == 1 ? " Bird" : " Birds");
125     document.getElementById('count').innerHTML = countString;
126 }
127
128 if (fromDB) {
129     startTime = log.startTime;
130     displayVideoPlayer();
131 }
132 else {
133     // Get the video's last modified date
134     startTime = new Date(videoFile.lastModified);
135
136     // Populate the date form
137     document.getElementById('month').value = startTime.getMonth() + 1;
138     document.getElementById('day').value = startTime.getDate();
139     document.getElementById('year').value = startTime.getFullYear();
140
141     // Display the date form
142     document.getElementById('assignDate').classList.remove('hide');
143
144     // Add submit listener to the form
145     document.getElementById('logDate').addEventListener('submit', (e) => {
146         e.preventDefault();
147
148         let m = Number(e.target.month.value);
149         let d = Number(e.target.day.value);
150         let y = Number(e.target.year.value);
151
152         // Do some rudimentary validation on the date
153         if (m > 0 && m <= 12 && d > 0 && d <= 31 && y > 0) {
154             // Update startTime with the values from the form
155             startTime.setYear(y);
156             startTime.setMonth(m - 1);
157             startTime.setDate(d);
158
159             // Display the video player
160             displayVideoPlayer(e.target.notes.value, e.target.weather.value)
161         }
162     })
163 }
164 }
165 }
166
167
168 function displayVideoPlayer(notes,weather) {
169
170     // Switch to dark mode
171     document.body.classList.add('dark');
172
173
174
175     // //
176
177     // Hide the date form
178     document.getElementById('assignDate').classList.add('hide');
179
180     // Create the log
181     if (!fromDB) log = new Log('video', startTime,videoFile.name,undefined,weather,notes);
182
183     // Display the date and bird count text in the header
184     document.getElementById('count').parentElement.classList.remove('hide');
185     document.getElementById('date').parentElement.classList.remove('hide');
```

```
186
187     // Display the done link and update it so it points to the correct log page (once the log has been saved to the
188 database)
189     let doneLink = document.getElementById('doneRecording');
190     doneLink.parentElement.classList.remove("hide");
191     if (log.id) {
192         doneLink.href = `log.html?id=${log.id}`;
193     }
194     else {
195         log.onLogAddedToDb = () => {
196             doneLink.href = `log.html?id=${log.id}`;
197         }
198     }
199
200
201     // Show the video
202     videoPlayer.displayPlayer(log)
203     document.getElementById('videoPlayer').classList.remove('hide');
204
205 }
```