Hello, I'm Shaun Hall and I'm from Portsmouth in the UK. This is my Final Project for the CS50 course.

For my Project, I have built a plugin calendar api designed for use by businesses for scheduling appointments and keeping track of staff availability.

My aim for this project was to clearly implement the MVC model and to allow for straightforward third party implementation of the api.

In this instance I've tailored the calendar for use for a music school.

As you can see, I've included the typical 'Register' & 'Login' features.

(Log In)

On the dashboard I've included buttons to add/change or remove data.

(Calendar)

Ok, here's the calendar itself. As you can see, you've got all the features of a typical calendar, days of the week, time index, day picker to select the visible day (click on day) but with some extra features too.

We've got a 'today' button which snaps to today. ((today))

There are forward and backward buttons used to leaf through the days / weeks depending on what viewing mode you're in.

You've got a display settings sub-page in which you can change the visible timeframe. (change parameters).

You've got two buttons to change between day and week view. Let's go to day view.

We're seeing all teachers who have availabilities for Wednesday 3rd April 2019.

You've probably noticed already, but when I whizz over the calendar, you see a tooltip providing info for whatever the cursor is hovering over.

There's a centre and a teacher filter up here to choose what you want to see. When I deselect 'Beyonce' ((deselect)) you can see that she disappears from the calendar view.

As you can see, day view has a 'notes' column in which you can add, edit and remove notes for that specific day. E.g.

((add note)).

Lastly, there's the ability to add, edit and remove a teachers availability.

((edit availability))

In the future, I may continue the project and add appointment functionality, but for now, I feel like I've learned a lot by building this application and I'm keen to expand my knowledge in other areas.

I think that's all for now, so thanks for watching.

Foreign js libraries used, Jquery, Jquery UI, moment.js and Patrick Bauerochse's Searchable Option List plugin, and bootstrap 4 for design.