PHP Web API wrapper and Javascript Web API

Can use api to identify available devices

Can use api to actively play on a targeted device

Account connected must be the one also connected to the device

Php curl is a synchronous request

Curl sends a request to a url and gets the response back to use in code

Ajax is an asynchronous request

Connect response types

<https://developer.spotify.com/web-api/working-with-connect/>

<https://beta.developer.spotify.com/documentation/web-api/>

PHP Wrapper:

<https://github.com/jwilsson/spotify-web-api-php>

Javascript Wrapper:

<https://github.com/JMPerez/spotify-web-api-js>

Proposal Notes

* Content
  + What is it about?
  + Structure
  + Navigation model
  + Should have sufficient content able to populate it’s structure and functions
  + Content units organized into collections that have characteristics
  + Focus on the main benefit of the database -> adding new items, modifying/removing old items without breaking website design and functionality
  + Use item characteristic for browsing/filtering
  + Website should support visitors and members
* Users
  + All visitors see the same thing
  + Registered members can customize stuff
  + Admin?(optional)
* Functionality
  + Visitors
    - Brows content based on characteristics (search term) and filter browsed units (filters)
      * Implement paging for lists longer than 10 items
      * Searching can refresh the page but filters must use AJAX calls
    - View a front page with a default list of items (newest additions, etc), **or a standard entry page into the information space of the website**
    - View expanded content details on a page
    - Register
  + Members
    - Update user information
    - Request email password changes
    - Login
    - Personalize (items on front page(?))
* Technical
  + Use PHP, MySQL for backend, use AJAX to update info

Writeup

PDF

Describe purpose, functionality, with terminology,

Follow same structure as requirements above

Written at a level that another team can build it without input

Clearly describe datatypes the website will be operating on

Describe types of browsing & navigation

Provide content details for each unit and the range of values for each characteristic