**Project Requirements**

**Stakeholders:**

**Clients:**

* They see the most popular songS of that month in the home page (HOME page)
* They see the recommended songs in the section ‘Recommendation of the moment’ (OPTIONAL)
* They can sign in (SIGN IN page)
* They can sign up by entering the following information (SIGN UP page):
  + civility
  + name
  + first name
  + email address
  + password
  + password confirmation
  + date of birth
  + billing address
  + preferred style of music chosen from the following musical genres: house, pop, metal, classical, jazz.
* They have access to the MUSIC LIBRARY page as they log in. Here they can:
  + listen to each music
  + add music to a playlist
  + Only play and stop music while listening it
  + create/delete/rename their playlists (OPTIONAL)
* They can edit their personal information in their PROFILE page.
* They can update the content of the site

**Administrators:**

* They have to authenticate to access the ADMINISTRATION page (OPTIONAL)
* There are two administration account profiles:
  + Customer manager profile 🡪 they can edit customer info
  + Music manager profile 🡪 they can edit info in the music library
  + Any of them has read-only access to all the site information by default whatever their account type is.
  + Music managers can create/modify/delete music catalogue
  + For statistical purposes, an administrator can consult a page listing the 10 most listened songs for the current month, as well as the 10 users who have played the most items in the library (? OPTIONAL ?).

**WEB-PAGES:**

**Music library page**

* Is accessible only after the user authenticates
* Is showing (we have to choose at least 2 out of 4 following elements):
  + Musical titles: title of the song, performer, year of creation, duration, musical genre...
  + albums (composed of a set of titles): name of the album, interpreter, year, duration
* Podcasts: title, duration, author, category
* radio stations: name of the radio station, musical genre
* marks an item as the "recommendation of the moment" (OPTIONAL).
* Lets clients manage their playlist
* Lets clients only play and stop music (there is no need to implement all the playback feature)
* Lets client update the content

**HOME PAGE:**

* shows the most popular songs of the month
* shows the recommended songs of the moment (OPTIONAL)
* let client play the most popular song of the month
* allows client to navigate through the site by showing the links to all the pages of the website (such as sign up page, sign in page and so on)

**SIGN UP PAGE:**

* shows different input boxes where the client has to type in their personal information in order to register for the service. This information is:
  + civility
  + name
  + first name
  + email address
  + password
  + password confirmation
  + date of birth
  + billing address
  + preferred style of music chosen from the following musical genres: house, pop, metal, classical, jazz.
* A check if the username is not already used (and other check constraints can be taken into account if we have time, such as birthday date).
* shows a button to confirm or cancel the operation
* (we can take github as example)

**SIGN IN page:**

* (we can take github as example)
* Shows two input boxes one for the email/username and the other for the password
* An option to reset the password if it has been forgotten.
* Shows a confirm and cancel button

**PROFILE PAGE**

* Lists all the client’s personal information
* Let client edit their own personal information
* (the possibility to log out ?)
* Shows a confirm and cancel button
* Is accessible only after the user authenticates

**? ADMINISTRATION PAGE ?**

QUESTION

* How to manage the two administrators’ account types?