**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) 🡪 page listing all the playlists
* They can edit their personal information in their PROFILE page.

**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 playlists (create, rename and delete them. Add/remove music from it)
* Lets clients only play and stop music (there is no need to implement all the playback feature)

**HOME PAGE:**

* Shown as first page as soon as any user logs in (hence both administrators and clients)
* shows the most popular songs of the month
* shows the recommended songs of the moment (OPTIONAL)
* lets 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 (modalities specified in the old report at page 27):
  + Application asks for them to input their email to send them a code
  + A page for entering the sent code is shown. As it is inputted, if the code is right a new page for entering a new page is displayed.
* Shows a confirm and cancel button
* Manage invalid credentials (maximum 3 attempts are stated in the old report. After that, their account gets blocked)

**PROFILE PAGE**

* Lists all the client’s personal information
* Lets 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**

* A page showing the two possible paths: see customer data information or manage catalogue.
  + Customer data page:
    - Editable customer data section ONLY whether they are allowed to (If they have a music manager profile)
    - Read only customer data section
  + Page for managing music (add, edit and delete) [p.19 on the old report].

It is shown the music catalogue which differs from the one displayed to the normal user by an ‘add’ button for let administrator add music and an ‘edit’ button for editing/deleting songs.

* + - Clicking on ‘add’ button, a page/windows is shown with the related information to be inputted.
    - Clicking on ‘edit’, the administrator is supposed to select a music from the list and at that point a page/windows is shown to edit the relevant information or to delete the songs.

Manage errors (see pag.19) for

* Wrong input field
* Element in use
* Wrong credentials

Cancel button for each add/edit actions

As they finish, they are redirected to the home page.