



Développement d'un logiciel de création de playlists : Implémentation et Optimisation

Plan :

- Client et contexte
- GazeMedia Player -> Qu'est-ce que c'est ?
- GazeMedia Player -> Existant
- GazeMedia Player -> Ma contribution dans ce projet
- Langages utilisés
- Technologies utilisées
- Gestion du travail
- Bilan et Perspectives



Client et Contexte

Client

LIG-GETALP



- Laboratoire d'Informatique de Grenoble

- Tuteur industriel : Didier SCHWAB
- Tuteur académique : Yves DUMOND



Contexte

- Aider les personnes en situation de handicap cognitif
- Permettre le développement communicatif et langagier des personnes doté d'un polyhandicap
- Soutenu par l'Association Française du Syndrome de Rett





GazeMedia Player

GazeMedia Player : Qu'est-ce que c'est ?

- Site web libre et gratuit;
- Rassemble 3 plateformes de musique/vidéo :
 - YouTube;
 - Spotify;
 - Deezer;
- Entièrement pensée pour nos profils d'utilisateurs handicapés;
- Possibilité d'importer et d'écouter/regarder ses propres musiques/vidéos;
- Possibilité d'exporter sa playlist créée.

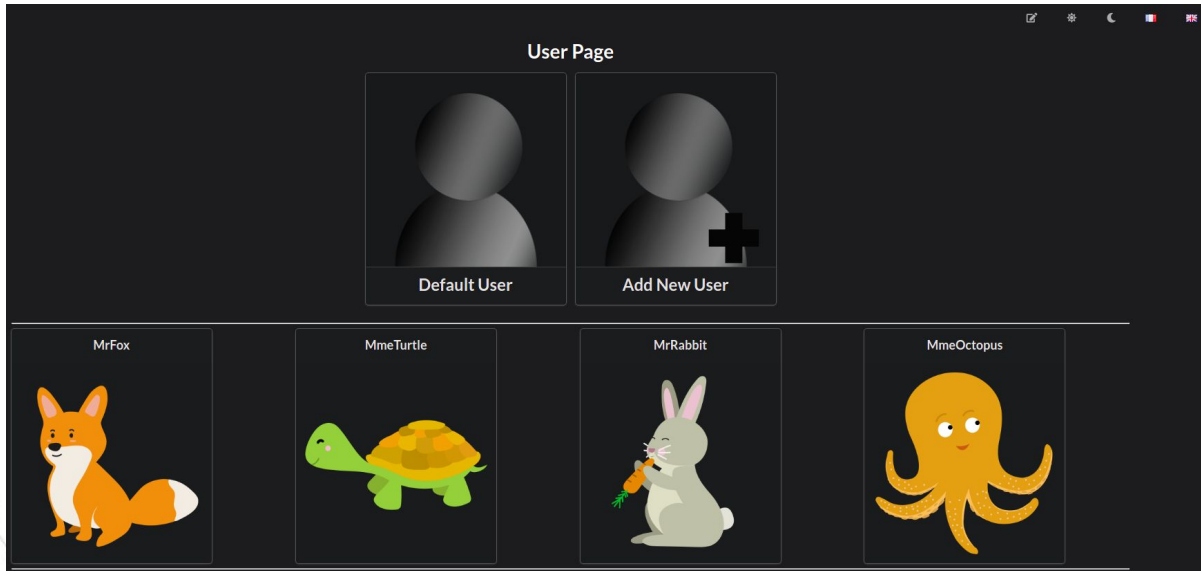
GazeMedia Player : Existant

- Utilisateur renvoyé directement sur le site Spotify ou YouTube.

GazeMedia Player

Ma contribution : Page de Connexion

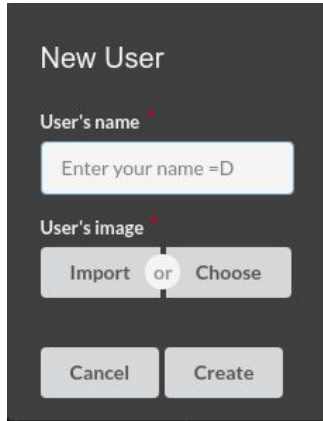
- Soit se connecter en tant qu'invité;
- Soit créer un compte (si pas de compte) et se connecter avec.



GazeMedia Player

Ma contribution : Page de Connexion

Fenêtre
création de compte



New User

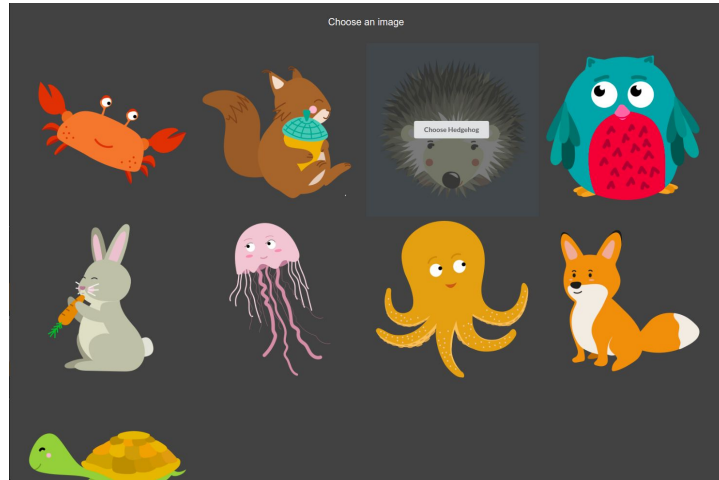
User's name *

User's image *

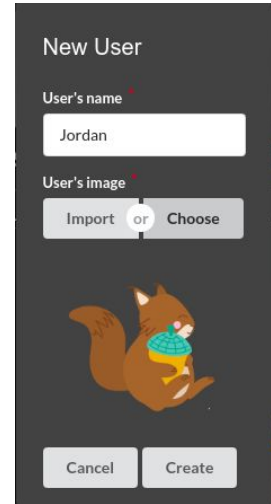
Import or Choose

Cancel Create

Images que l'on propose



Exemple



New User

User's name *

User's image *

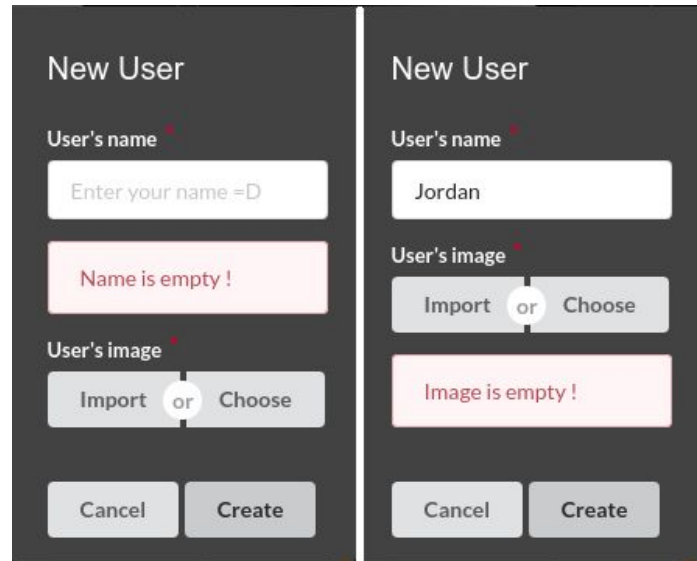
Import or Choose

Cancel Create

GazeMedia Player

Ma contribution : Page de Connexion

Exemple erreurs possibles



The image displays two side-by-side screenshots of a 'New User' registration form, illustrating potential validation errors. Both forms have a dark grey background and white text.

Left Screenshot (Empty Name):

- Title: New User
- Field: User's name (with a red asterisk icon)
- Input: A text box containing the placeholder text 'Enter your name =D'.
- Error Message: A pink rectangular box below the input containing the text 'Name is empty !'.
- Field: User's image (with a red asterisk icon)
- Input: A button group with 'Import' and 'Choose' separated by an 'or' in a circle.
- Buttons: 'Cancel' and 'Create' at the bottom.

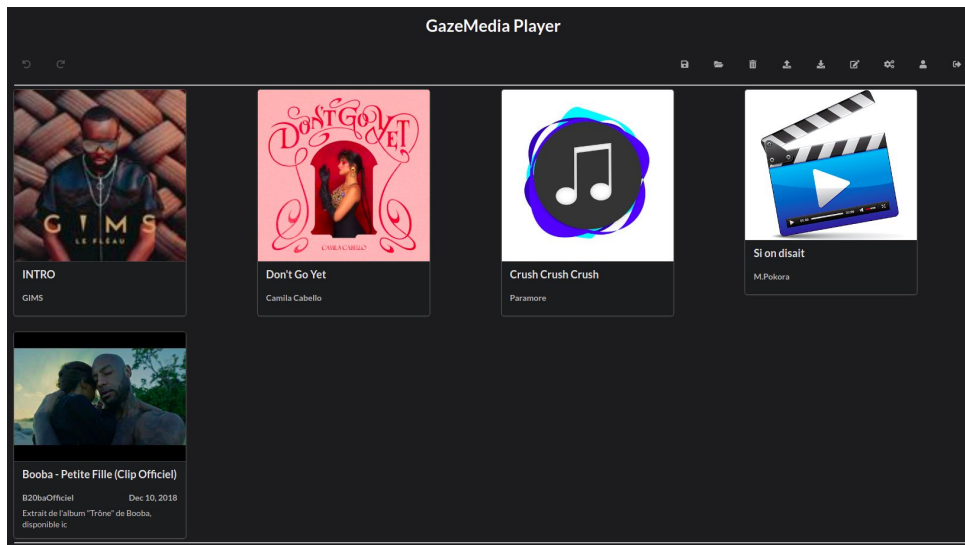
Right Screenshot (Filled Name, Empty Image):

- Title: New User
- Field: User's name (with a red asterisk icon)
- Input: A text box containing the name 'Jordan'.
- Field: User's image (with a red asterisk icon)
- Input: A button group with 'Import' and 'Choose' separated by an 'or' in a circle.
- Error Message: A pink rectangular box below the input containing the text 'Image is empty !'.
- Buttons: 'Cancel' and 'Create' at the bottom.

GazeMedia Player

Ma contribution : Page de la Playlist

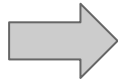
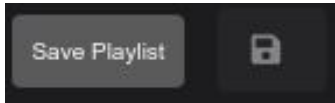
- Sauvegarder
- Charger
- Supprimer
- Éditer
- Ordonner
- Importer
- Exporter
- Configurer
- Regarder / Écouter



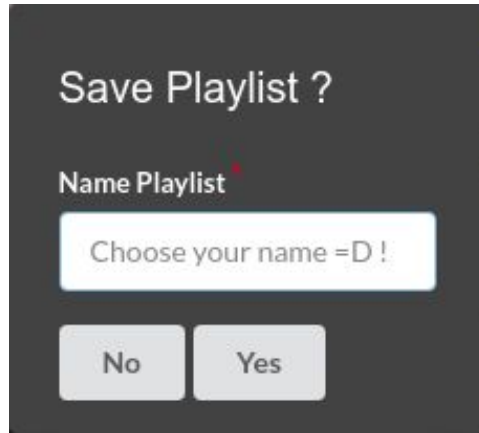
GazeMedia Player

Ma contribution : Page de la Playlist

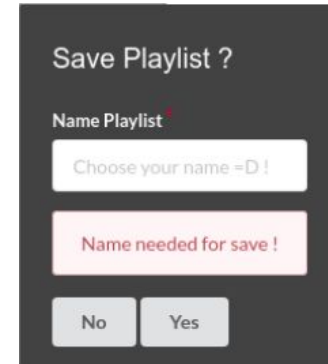
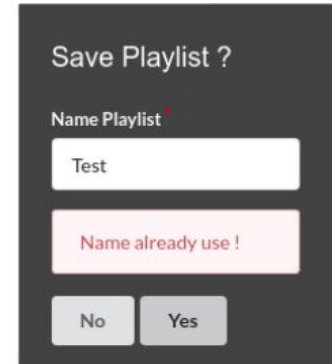
Bouton sauvegarde



Fenêtre de sauvegarde

A dark dialog box titled "Save Playlist ?". It contains a label "Name Playlist" with a red asterisk, a text input field with the placeholder "Choose your name =D !", and two buttons at the bottom labeled "No" and "Yes".

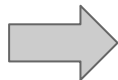
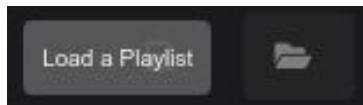
Erreurs possibles

A dark dialog box titled "Save Playlist ?". It contains a label "Name Playlist" with a red asterisk, a text input field with the placeholder "Choose your name =D !", a red error message box with the text "Name needed for save !", and two buttons at the bottom labeled "No" and "Yes".A dark dialog box titled "Save Playlist ?". It contains a label "Name Playlist" with a red asterisk, a text input field containing the text "Test", a red error message box with the text "Name already use !", and two buttons at the bottom labeled "No" and "Yes".

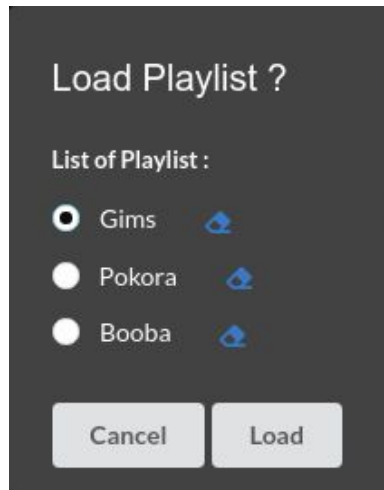
GazeMedia Player

Ma contribution : Page de la Playlist

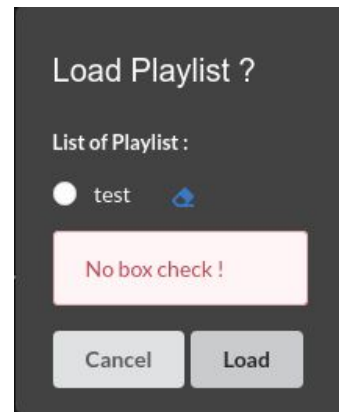
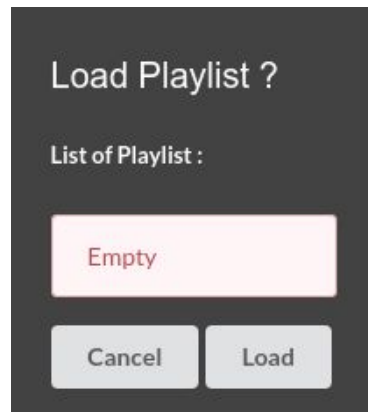
Bouton charger



Fenêtre de chargement



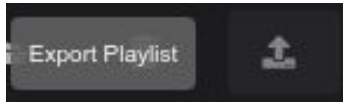
Erreurs possibles



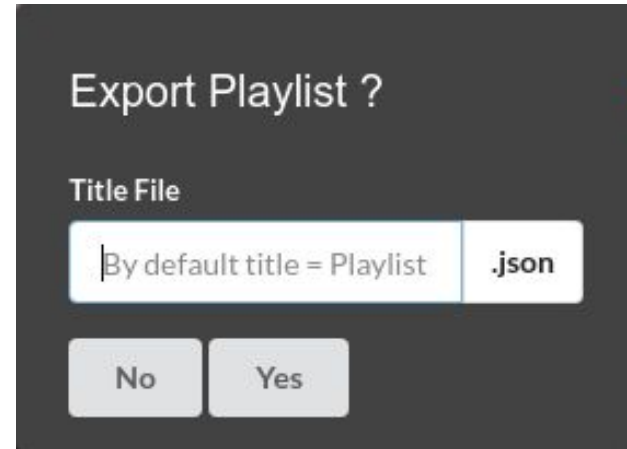
GazeMedia Player

Ma contribution : Page de la Playlist

Bouton export



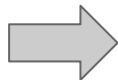
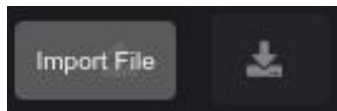
Fenêtre d'export



GazeMedia Player

Ma contribution : Page de la Playlist

Bouton importer



Fenêtre d'import

Add local file to Playlist

Type of file

☒ Music ☐ Video ☐ File


Title of music *

Title of music

Artist of music

Artist of music

File *

Import file 

* only .mpeg & .wav are authorized !

Cancel Add

Erreurs possibles

Add local file to Playlist

Type of file

☒ Music ☐ Video ☐ File


Title of music *

Title of music

Artist of music

Artist of music

File *

Import file 

* only .mpeg & .wav are authorized !

Need file !

Cancel Add

Add local file to Playlist

Type of file

☒ Music ☐ Video ☐ File

Title of music *

Title of music


Artist of music

Need title !

Artist of music

Artist of music

File *

Import file 

* only .mpeg & .wav are authorized !

Cancel Add

Add local file to Playlist

Type of file

☒ Music ☐ Video ☐ File


Title of music *

Title of music

Artist of music

Artist of music

File *

Import file 

* only .mpeg & .wav are authorized !

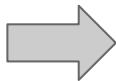
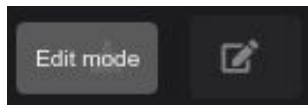
Wrong type file !

Cancel Add

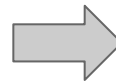
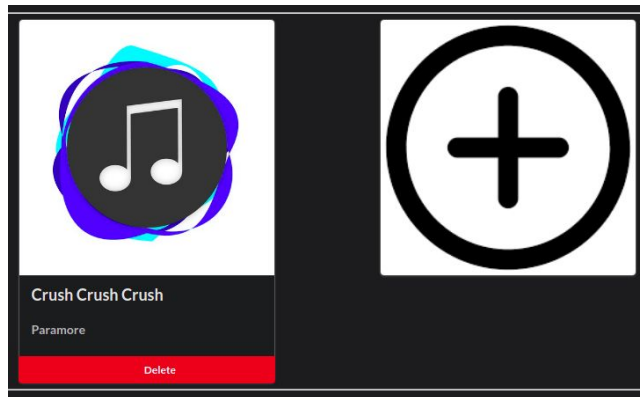
GazeMedia Player

Ma contribution : Page de la Playlist

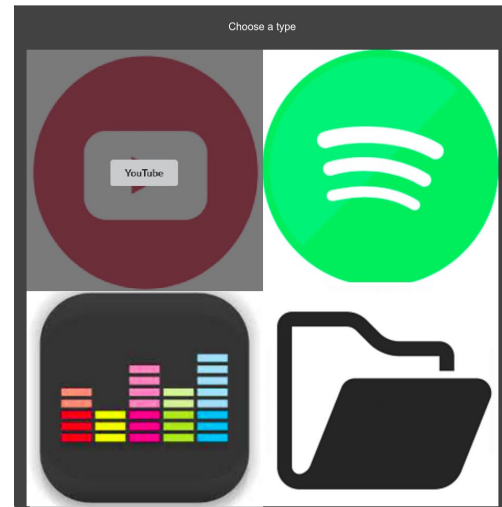
Bouton d'édition



Apparition du bouton “+”



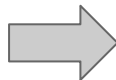
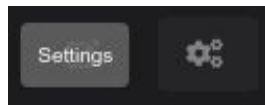
Fenêtre choix plateforme



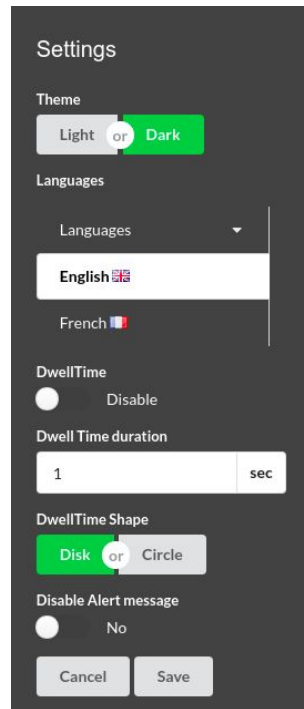
GazeMedia Player

Ma contribution : Page de la Playlist

Bouton paramètre



Fenêtre paramètres

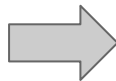
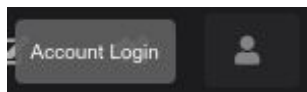
A screenshot of the 'Settings' window in GazeMedia Player. The window has a dark background and contains the following settings:

- Theme:** A toggle switch with 'Light' and 'Dark' options. 'Dark' is selected and highlighted in green.
- Languages:** A dropdown menu showing 'English' with a flag icon. 'French' is also visible below it.
- DwellTime:** A radio button labeled 'Disable'.
- Dwell Time duration:** A text input field containing '1' and a unit selector 'sec'.
- DwellTime Shape:** A toggle switch with 'Disk' and 'Circle' options. 'Disk' is selected and highlighted in green.
- Disable Alert message:** A radio button labeled 'No'.
- Buttons:** 'Cancel' and 'Save' buttons at the bottom.

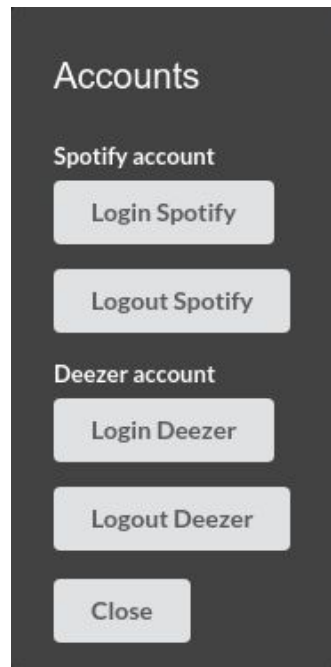
GazeMedia Player

Ma contribution : Page de la Playlist

Bouton comptes



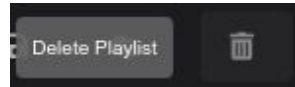
Fenêtre comptes



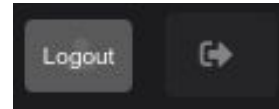
GazeMedia Player

Ma contribution : Page de la Playlist

Bouton supprimer



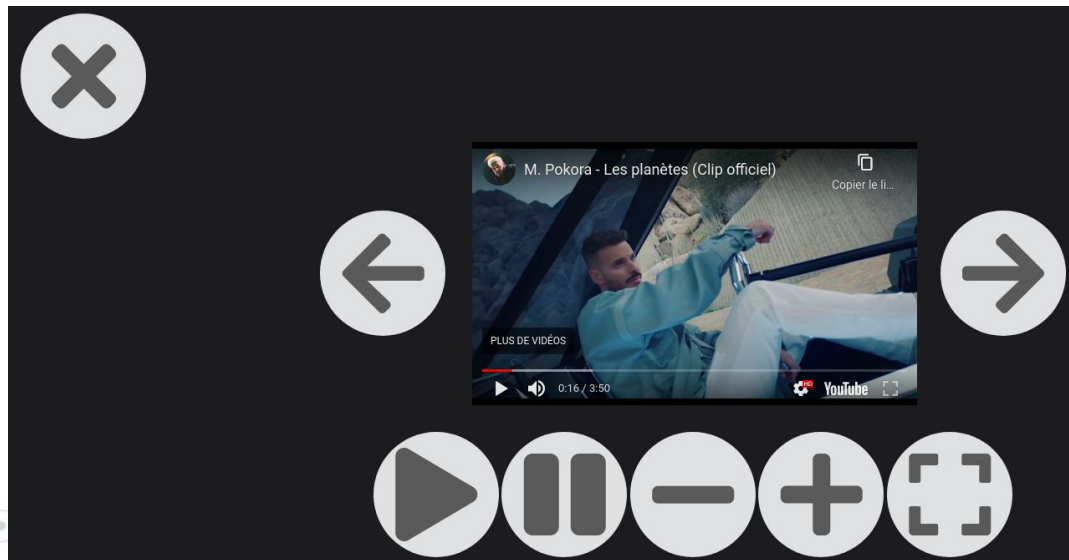
Bouton déconnexion



GazeMedia Player

Ma contribution : Page de la Playlist

Exemple affichage d'une vidéo YouTube



GazeMedia Player

Ma contribution : Page de la Playlist

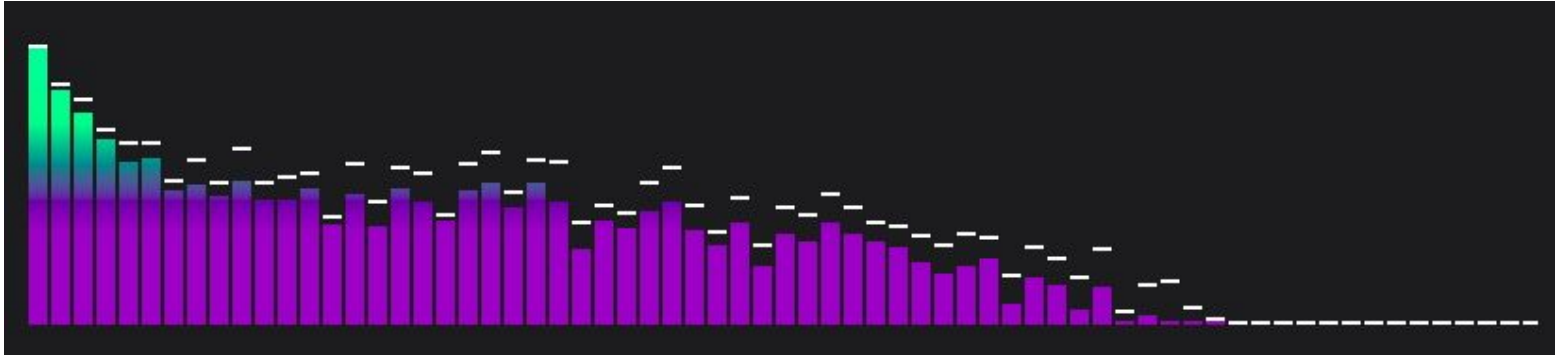
Exemple affichage d'une vidéo YouTube en plein écran



GazeMedia Player

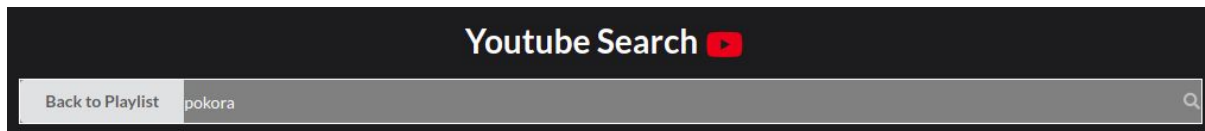
Ma contribution : Page de la Playlist

Exemple affichage du visualizer



GazeMedia Player

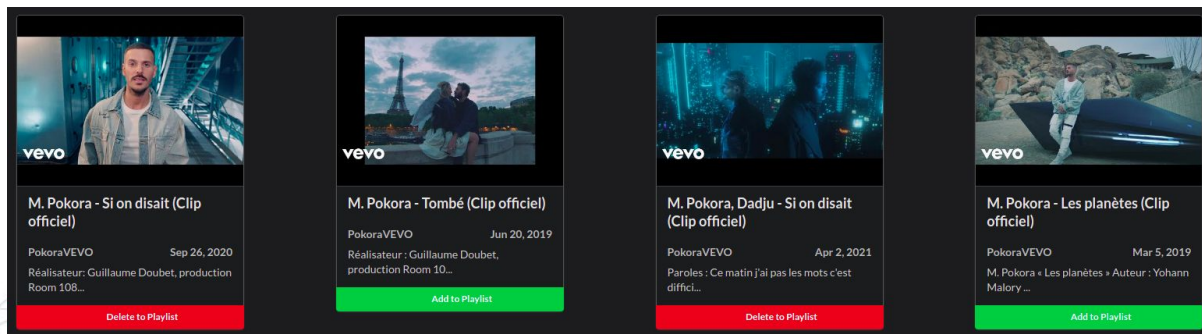
Ma contribution : Page YouTube



Barre de recherche YouTube



On écrit : "Pokora"

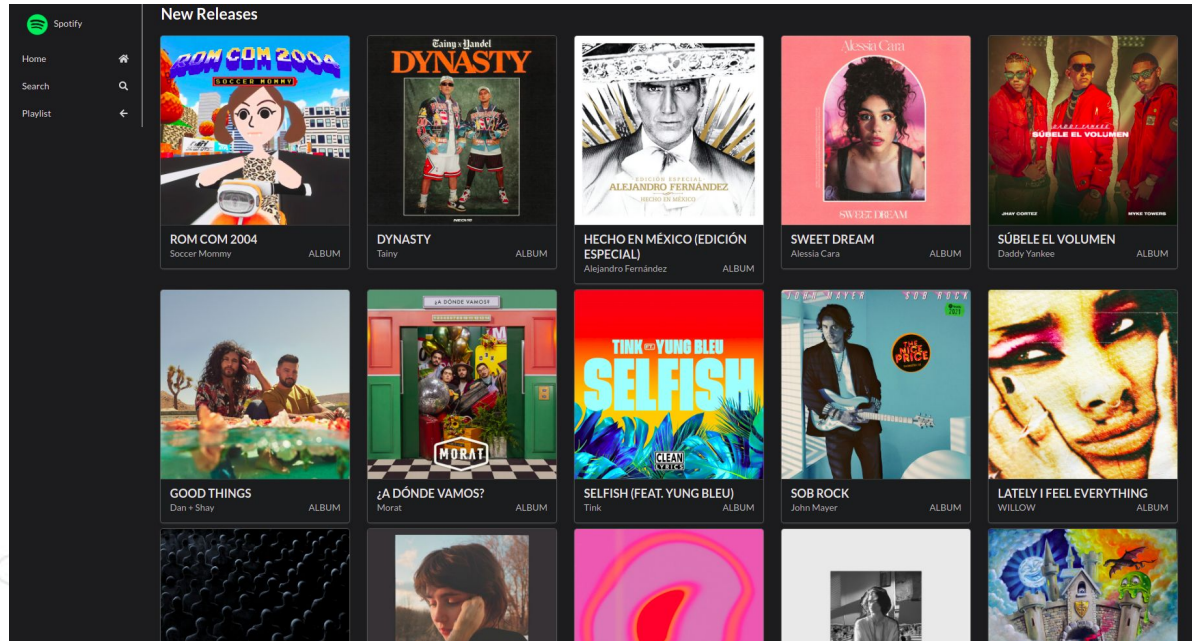


Exemple résultats

GazeMedia Player

Ma contribution : Page Spotify

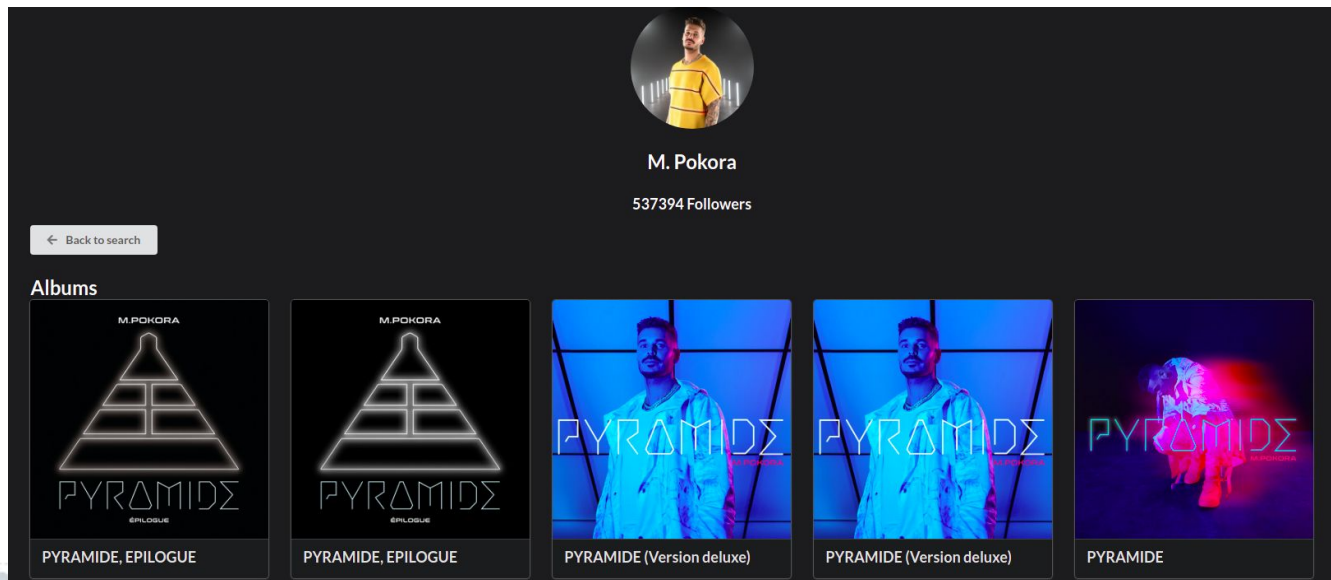
Page accueil Spotify



GazeMedia Player

Ma contribution : Page Spotify

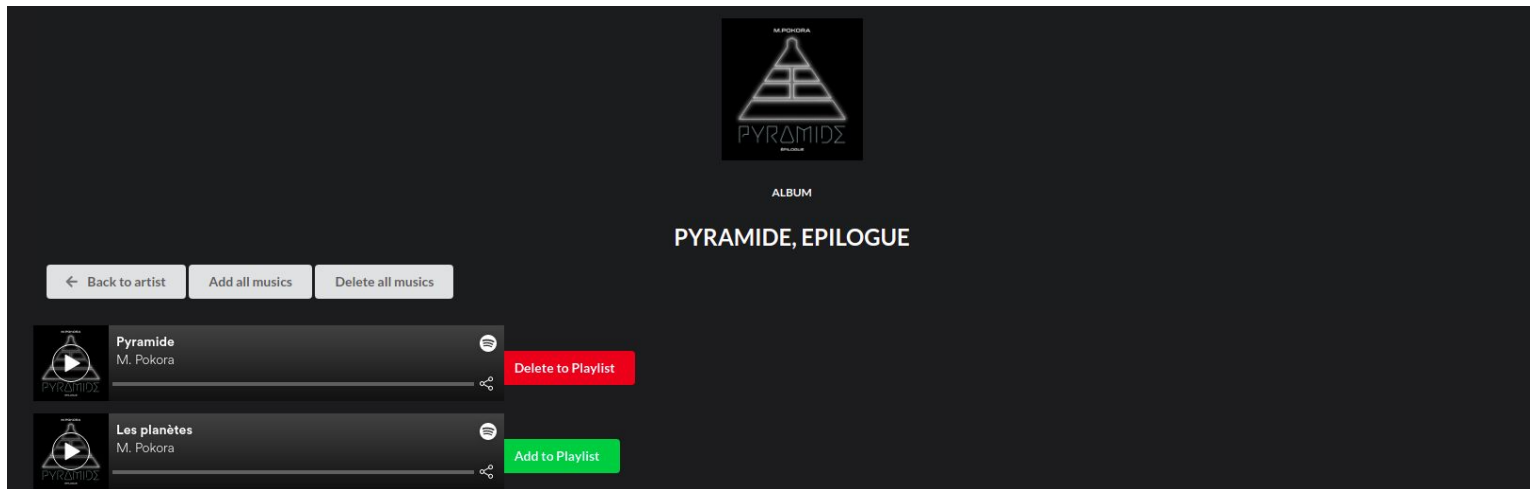
Page artiste Spotify



GazeMedia Player

Ma contribution : Page Spotify

Page liste musique de l'album Spotify



GazeMedia Player

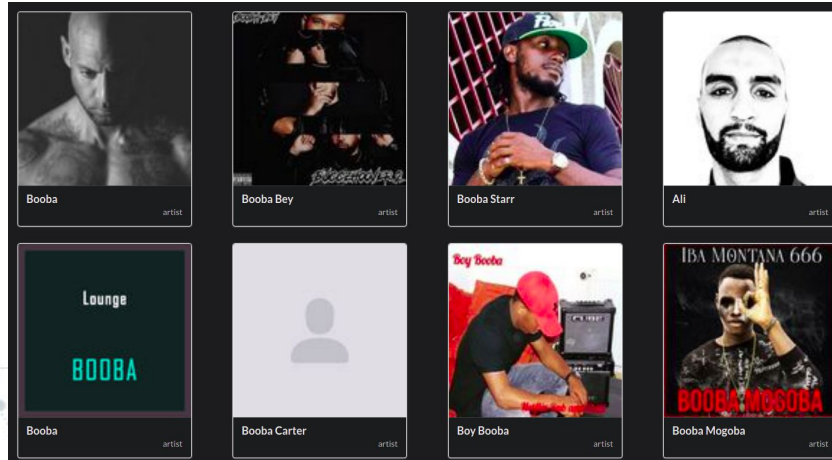
Ma contribution : Page Deezer



Barre de recherche Deezer



On écrit : "Booba"

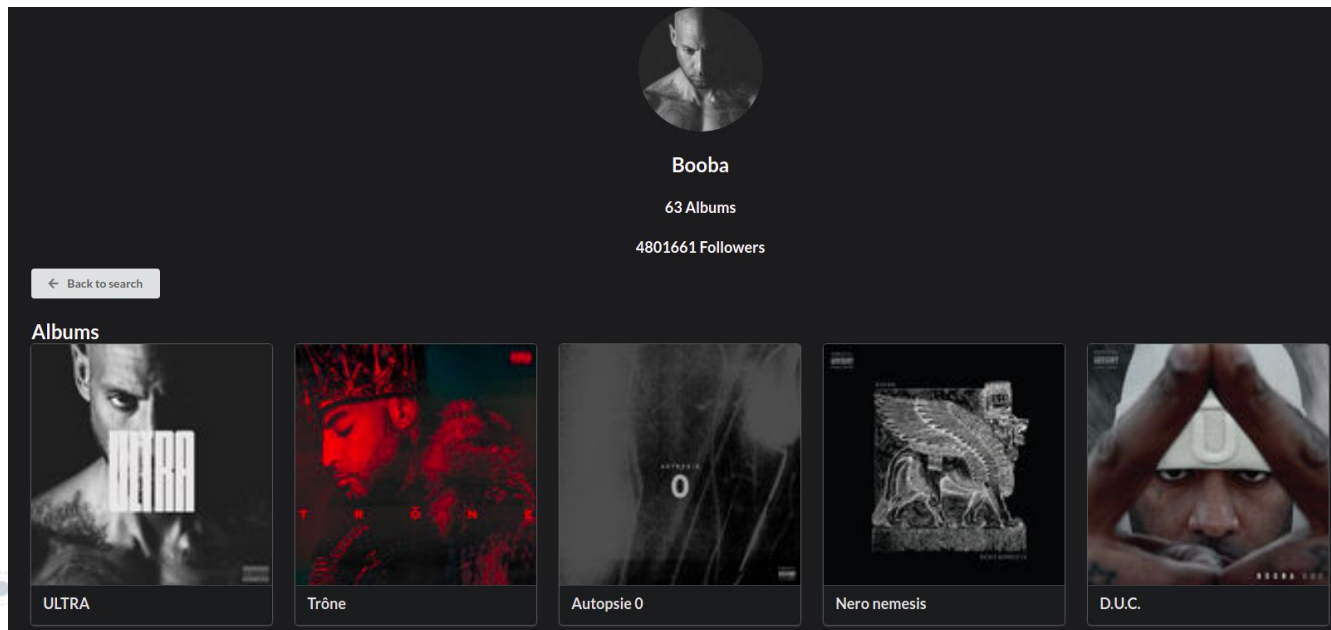


Exemple résultats

GazeMedia Player

Ma contribution : Page Deezer

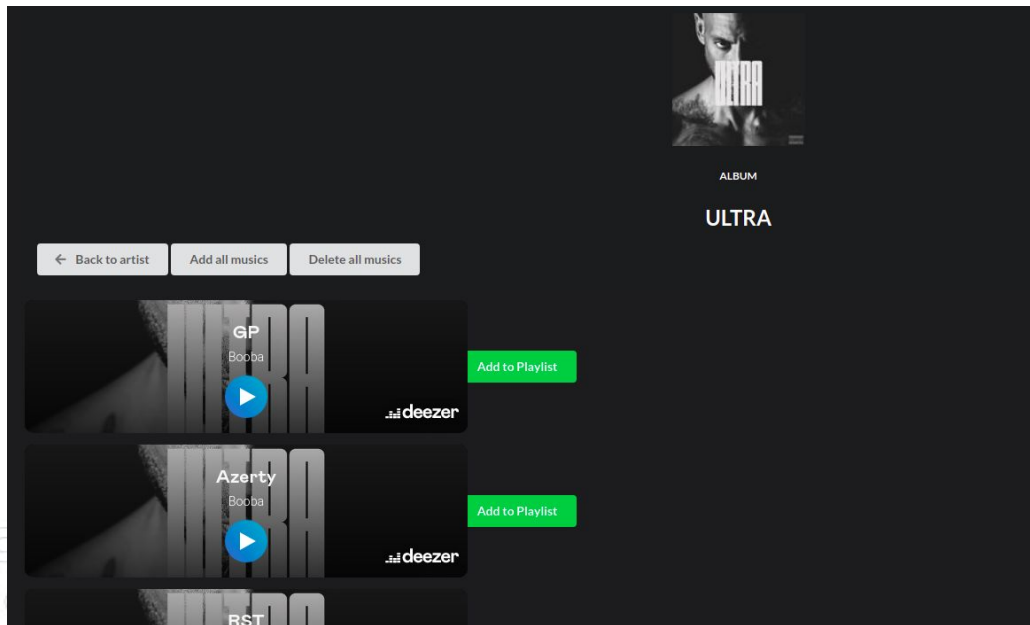
Page artiste Deezer



GazeMedia Player

Ma contribution : Page Spotify

Page liste musique de l'album Deezer





Langages utilisés

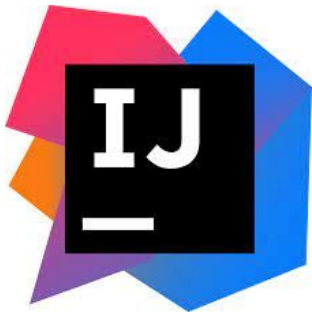
Langages utilisés





Technologies utilisées

Technologies utilisées





Gestion du travail

Gestion du travail

- Développement incrémentale
- Réunions hebdomadaires
- création de la branche
 - ↳ commits/pushes de notre code
 - ↳ création d'une pull request
 - ↳ révisions de notre pull request
 - ↳ changements de notre code jusqu'à validation
 - ↳ merge de notre code dans le projet



Bilan et perspectives

Bilan et perspectives

Bilan :

- Nouveaux langages appris;
- Stage dans le domaine où je souhaite m'orienter;
- Approfondissement de mes acquis;

Perspectives :

- Plus de langues;
- Test sur serveur;
- Corrections d'issue;
- Finir issue en cours;
- Rendre utilisable l'oculomètre.



**Merci de m'avoir
écouté !**