

Pushwant Sagoo (202187670)

- Front-end Web Development:
 - <https://github.com/Web-IV/2324-frontendweb-PushwantSagoo>
 - <https://two324-frontendweb-pushwantsagoo.onrender.com>
- Web Services:
 - <https://github.com/Web-IV/2324-webservices-PushwantSagoo>
 - <https://two324-webservices-pushwantsagoo.onrender.com>

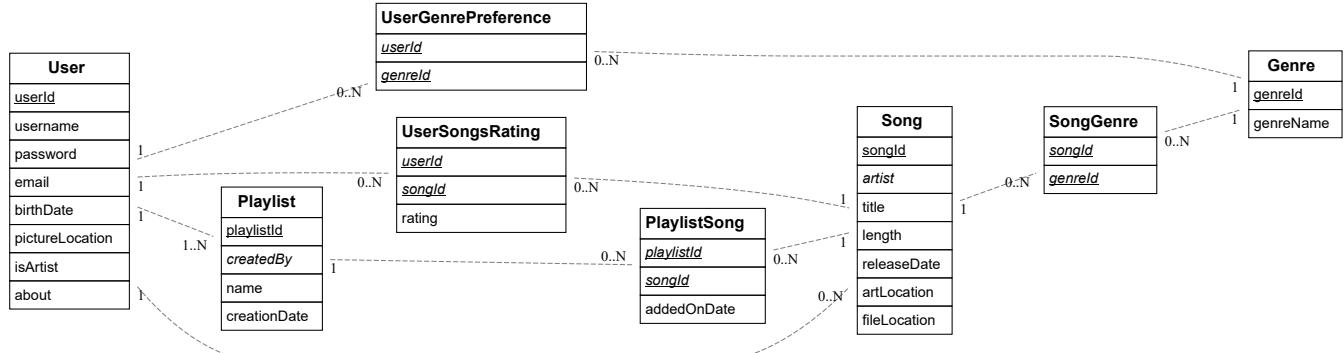
Logingegevens

Bepaalde pagina's zijn openbaar en vereisen geen account.

- Lege accounts, het zijn enkel gebruikers zonder enige gerelateerde data.
 1. **Artist** account
 - Gebruikersnaam/e-mailadres: **Artist - artist@app.com**
 - Wachtwoord: **1234567890**
 2. **Admin** account
 - Gebruikersnaam/e-mailadres: **Admin - admin@app.com**
 - Wachtwoord: **1234567890**
 3. **User** account
 - Gebruikersnaam/e-mailadres: **User - user@app.com**
 - Wachtwoord: **1234567890**
- Gegenereerde accounts met mock data, om alle functionaliteiten in werking te zien.
 1. **Artist** account
 - Gebruikersnaam/e-mailadres: **Adam Fisher - Adam_Fisher18@gmail.com**
 - Wachtwoord: **1234567890**
 2. **Admin** account
 - Gebruikersnaam/e-mailadres: **Elenor Schowalter - Elenor78@yahoo.com**
 - Wachtwoord: **1234567890**
 3. **User** account
 - Gebruikersnaam/e-mailadres: **Jayme Durgan - Jayme.Durgan89@gmail.com**
 - Wachtwoord: **1234567890**

Projectbeschrijving

EERD:



Mijn project begon als een heel versimpelde versie van bekende muziek streaming apps zoals Spotify en YouTube Music, maar na veel tijd (1ste zitijd) verloren aan dit idee een werkelijkheid te maken vooral eerst in de backend, besefte ik dat dit te ambitieus was. Hierdoor kon ik nauwelijks aan de frontend werken.

Oorspronkelijk was dit het idee: er zijn twee soorten gebruikers (**User** tabel), een normale gebruiker en een artiest gebruiker (**isArtist** in tabel). Een normale gebruiker kan meerdere playlist (**Playlist** tabel) aanmaken en ook liedjes er aan toevoegen (**PlaylistSong** en **Song** tabel). Daarnaast kan deze gebruiker ook een rating (tussen 1 - 5 sterren) (**UserSongsRating** tabel) aan de liedjes geven. Verder kan een normale gebruiker angeven welke genres (**UserGenrePreference** en **Genre** tabel), hij/zij graag naar luistert, en deze zullen dienen om aan de gebruiker aanbevelingen te doen. Een artiest gebruiker kan al dit ook maar hij/zij kan ook nieuwe liedjes en nieuwe genres toevoegen (**Genre**, **Song**, en **SongGenre** tabel), en eigen publieke pagina wijzigen. De admin gebruiker kan uiteraard alles doen maar hij/zjn speelt op de achtergrond.

Dat terzijde, wat volgt is het realistische beeld van de doel van het project. Dit project is meer een tech demo of om web development te leren, maar het dient ook als een plaats waar je meta data over bepaalde liedjes kan opzoeken en opslaan op een gepersonaliseerde manier. De bovenvermelde functionaliteiten zijn allemaal verwerkt geweest in de backend maar helaas niet in de frontend, er mist de functionaliteit om ratings te geven en om genre aanbevelingen te doen.

Screenshots

Er zijn telkens twee screenshots die de twee kleur modus voorstellen; light en dark thema.

Songs	Genres	Sign Up	Login
TITLE	RELEASE DATE	GENRES	DURATION
 Escape (The Pina Colada Song) Danny Toy	1/10/2023	Electronic Hip Hop Rap	09:04:00
 How Do I Live? Danny Toy	25/3/2024	Hip Hop	00:22:00
 T For Texas (Blue Yodel No 1) Adam Fisher	23/3/2024		23:23:00
 Get Back Angelica Lynch	12/8/2024	Hip Hop Rap	23:51:00
 Chapel of Love Jacky Hartmann	3/6/2024	Electronic Hip Hop Rap Soul	03:48:00
 Cat's in the Cradle Angelica Lynch	14/12/2023	Hip Hop Rap	03:21:00
 Disturbia Danny Toy	16/8/2024	Hip Hop Rap	17:50:00
 Crazy in Love Jacky Hartmann	5/7/2024	Hip Hop Rap	22:45:00
 Ironic http://localhost:5173/artists/9_tmattmann	25/12/2023		30:32:00

Songs	Genres	Sign Up	Login
TITLE	RELEASE DATE	GENRES	DURATION
 Escape (The Pina Colada Song) Danny Toy	1/10/2023	Electronic Hip Hop Rap	09:04:00
 How Do I Live? Danny Toy	25/3/2024	Hip Hop	00:22:00
 T For Texas (Blue Yodel No 1) Adam Fisher	23/3/2024		23:23:00
 Get Back Angelica Lynch	12/8/2024	Hip Hop Rap	23:51:00
 Chapel of Love Jacky Hartmann	3/6/2024	Electronic Hip Hop Rap Soul	03:48:00
 Cat's in the Cradle Angelica Lynch	14/12/2023	Hip Hop Rap	03:21:00
 Disturbia Danny Toy	16/8/2024	Hip Hop Rap	17:50:00
 Crazy in Love Jacky Hartmann	5/7/2024	Hip Hop Rap	22:45:00
 Ironic Jacky Hartmann	25/12/2023		30:32:00

Songs Genres Sign Up Login

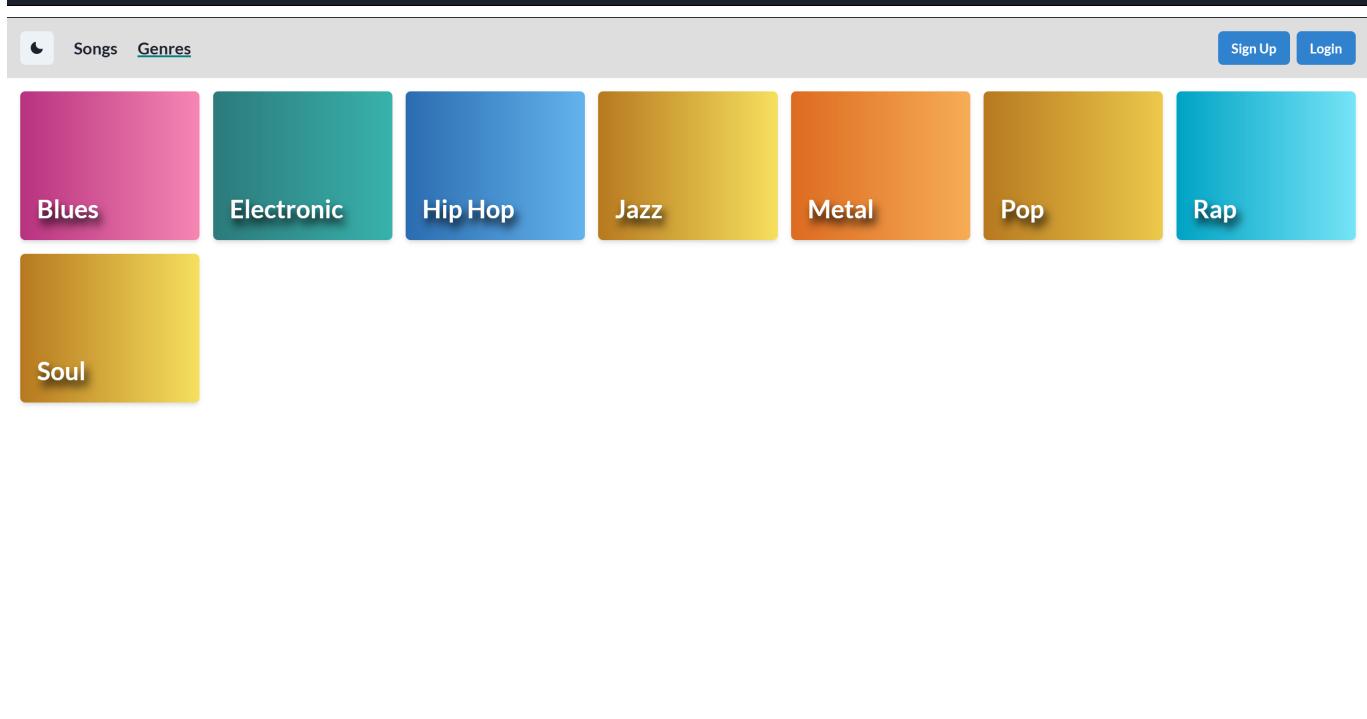
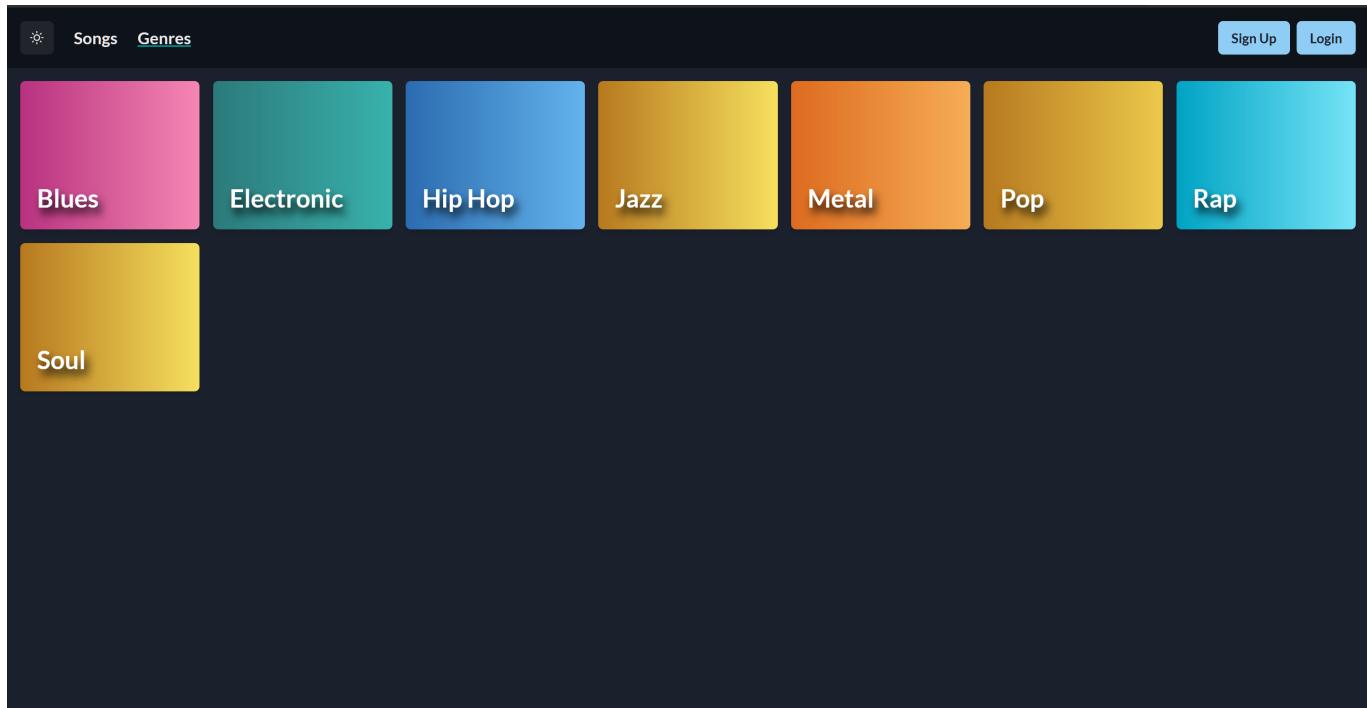
Adam Fisher
25/11/1988
Total songs: 5
Bio: ostrich lover, model 😎

TITLE	RELEASE DATE	GENRES	DURATION
Fallin'	9/8/2024	Hip Hop Rap Electronic	28:16:00
Louie Louie	16/12/2023	Hip Hop Rap	10:28:00
Paper Doll	14/1/2024		22:58:00
Shake Down	14/7/2024	Hip Hop Rap Electronic Soul	25:27:00
T For Texas (Blue Yodel No 1)	23/3/2024		23:23:00

Songs Genres Sign Up Login

Adam Fisher
25/11/1988
Total songs: 5
Bio: ostrich lover, model 😎

TITLE	RELEASE DATE	GENRES	DURATION
Fallin'	9/8/2024	Hip Hop Rap Electronic	28:16:00
Louie Louie	16/12/2023	Hip Hop Rap	10:28:00
Paper Doll	14/1/2024		22:58:00
Shake Down	14/7/2024	Hip Hop Rap Electronic Soul	25:27:00
T For Texas (Blue Yodel No 1)	23/3/2024		23:23:00



Songs Genres

Sign Up Login

Blues Electronic

Hip Hop Jazz

Metal Pop

Rap Soul

Electronic

TITLE	RELEASE DATE	DURATION
Escape (The Pina Colada Song) Danny Toy	1/10/2023	09:04:00
Chapel of Love Jacky Hartmann	3/6/2024	03:48:00
Shake Down Adam Fisher	14/7/2024	25:27:00
Imagine Danny Toy	15/2/2024	23:29:00
Escape (The Pina Colada Song) Angelica Lynch	21/9/2023	16:53:00
Fallin'	9/8/2024	28:16:00

Songs Genres

Sign Up Login

Blues Electronic

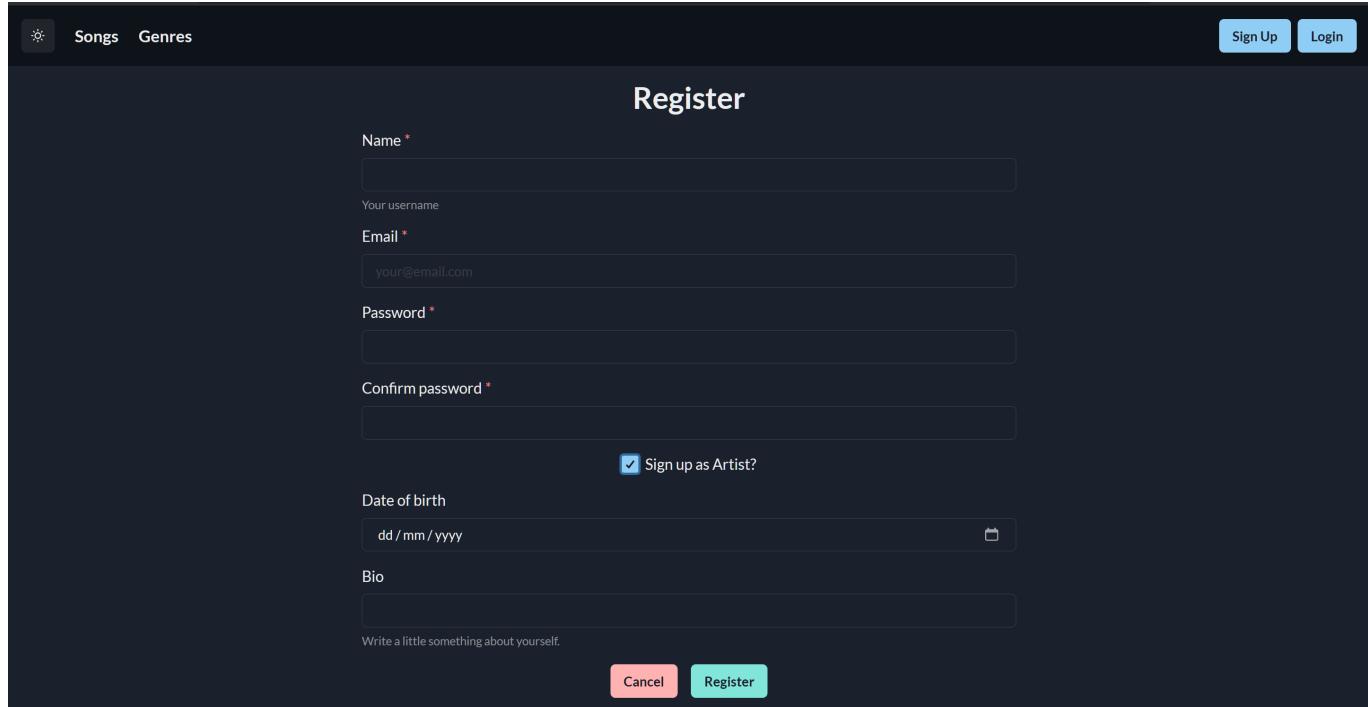
Hip Hop Jazz

Metal Pop

Rap Soul

Electronic

TITLE	RELEASE DATE	DURATION
Escape (The Pina Colada Song) Danny Toy	1/10/2023	09:04:00
Chapel of Love Jacky Hartmann	3/6/2024	03:48:00
Shake Down Adam Fisher	14/7/2024	25:27:00
Imagine Danny Toy	15/2/2024	23:29:00
Escape (The Pina Colada Song) Angelica Lynch	21/9/2023	16:53:00
Fallin'	9/8/2024	28:16:00



A screenshot of a registration form in dark mode. The background is black, and the text and buttons are white or light-colored. At the top left are navigation links for 'Songs' and 'Genres'. At the top right are 'Sign Up' and 'Login' buttons. The main title 'Register' is centered at the top. Below it are input fields for 'Name *', 'Email *', 'Password *', and 'Confirm password *'. A checkbox labeled 'Sign up as Artist?' is checked. There are fields for 'Date of birth' (with a date picker icon) and 'Bio'. A note says 'Write a little something about yourself.' At the bottom are 'Cancel' and 'Register' buttons.

Name *

Your username

Email *

your@email.com

Password *

Confirm password *

Sign up as Artist?

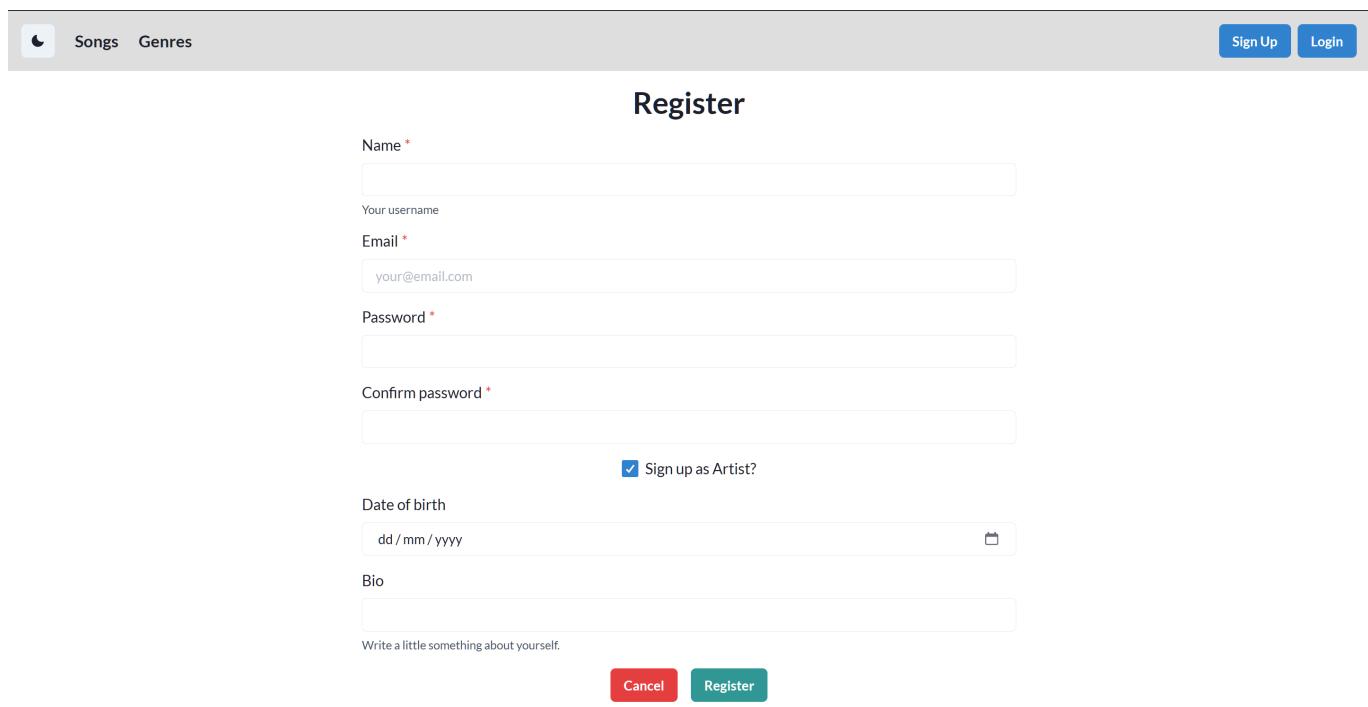
Date of birth

dd / mm / yyyy

Bio

Write a little something about yourself.

Cancel Register



A screenshot of the same registration form in light mode. The background is white, and the text and buttons are dark-colored. The layout and fields are identical to the dark mode version, including the 'Songs' and 'Genres' links at the top, the 'Sign Up' and 'Login' buttons at the top right, and the various input fields and notes below.

Name *

Your username

Email *

your@email.com

Password *

Confirm password *

Sign up as Artist?

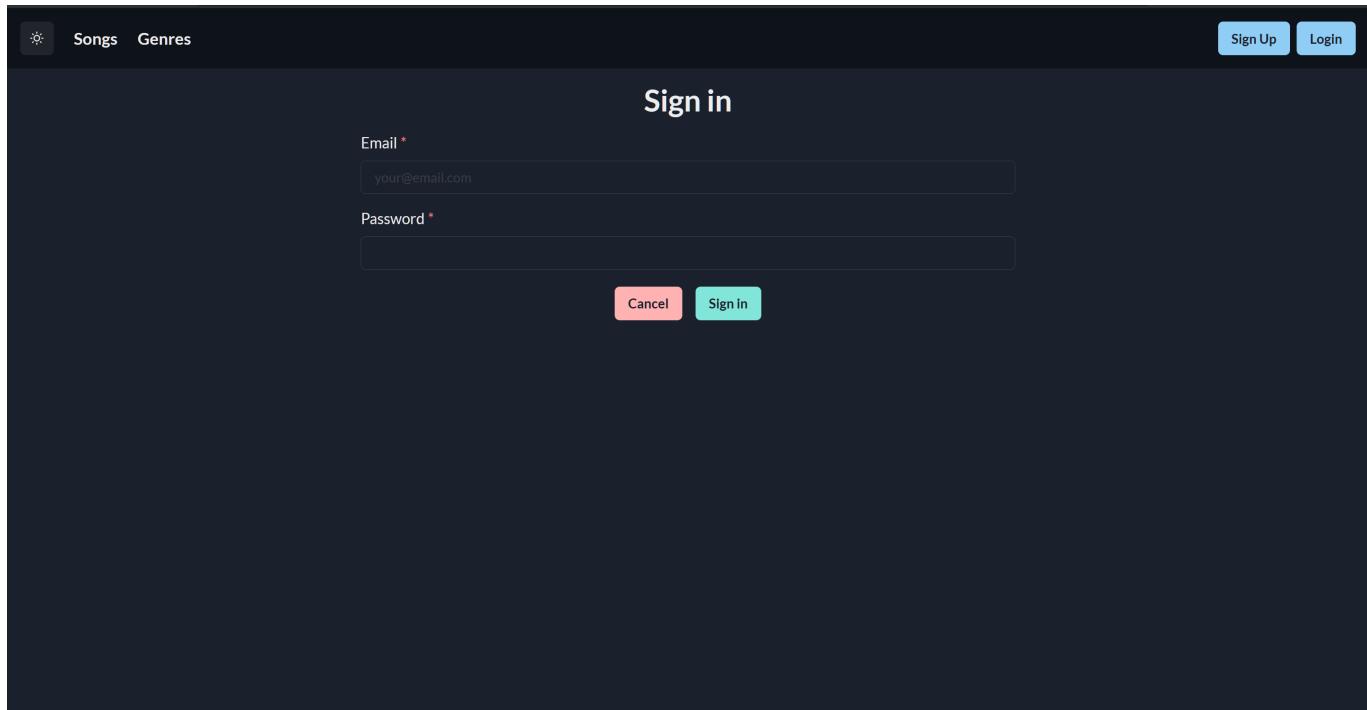
Date of birth

dd / mm / yyyy

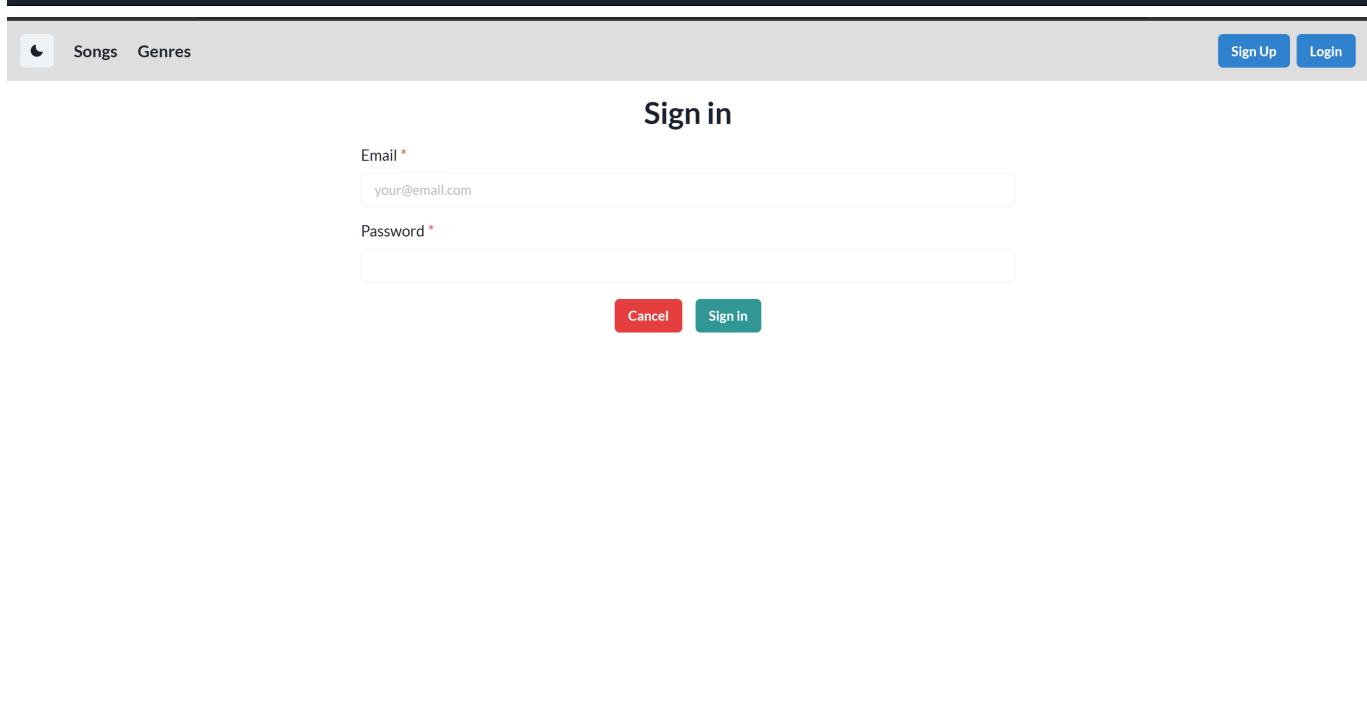
Bio

Write a little something about yourself.

Cancel Register



A screenshot of a dark-themed sign-in form. At the top left is a sun/moon icon, followed by "Songs" and "Genres" links. On the right are "Sign Up" and "Login" buttons. The main title "Sign in" is centered above two input fields: "Email *" with placeholder "your@email.com" and "Password *". Below the inputs are "Cancel" and "Sign in" buttons. The entire form is set against a dark background.



A screenshot of a light-themed sign-in form. It has a similar layout to the dark mode version, with a sun/moon icon, "Songs" and "Genres" links, and "Sign Up" and "Login" buttons at the top. The title "Sign in" is centered above the "Email *" and "Password *" fields. The "Email *" field contains the placeholder "your@email.com". Below the fields are "Cancel" and "Sign in" buttons. The background is light gray.

Songs	Genres	Playlists	+ New Song	+ New Genre	Logout	AF
TITLE	RELEASE DATE	GENRES	DURATION	PLAYLIST		
Escape (The Pina Colada Song) Danny Toy	1/10/2023	Electronic Hip Hop Rap	09:04:00		+	
How Do I Live? Danny Toy	25/3/2024	Hip Hop	00:22:00		+	
T For Texas (Blue Yodel No 1) Adam Fisher	23/3/2024		23:23:00		+	
Get Back Angelica Lynch	12/8/2024	Hip Hop Rap	23:51:00		+	
Chapel of Love Jacky Hartmann	3/6/2024	Electronic Hip Hop Rap Soul	03:48:00		+	
Cat's in the Cradle Angelica Lynch	14/12/2023	Hip Hop Rap	03:21:00		+	
Disturbia Danny Toy	16/8/2024	Hip Hop Rap	17:50:00		+	
Crazy in Love Jacky Hartmann	5/7/2024	Hip Hop Rap	22:45:00		+	
Ironic Jacky Hartmann	25/12/2023		30:32:00		+	

Songs	Genres	Playlists	+ New Song	+ New Genre	Logout	AF
TITLE	RELEASE DATE	GENRES	DURATION	PLAYLIST		
Escape (The Pina Colada Song) Danny Toy	1/10/2023	Electronic Hip Hop Rap	09:04:00		+	
How Do I Live? Danny Toy	25/3/2024	Hip Hop	00:22:00		+	
T For Texas (Blue Yodel No 1) Adam Fisher	23/3/2024		23:23:00		+	
Get Back Angelica Lynch	12/8/2024	Hip Hop Rap	23:51:00		+	
Chapel of Love Jacky Hartmann	3/6/2024	Electronic Hip Hop Rap Soul	03:48:00		+	
Cat's in the Cradle Angelica Lynch	14/12/2023	Hip Hop Rap	03:21:00		+	
Disturbia Danny Toy	16/8/2024	Hip Hop Rap	17:50:00		+	
Crazy in Love Jacky Hartmann	5/7/2024	Hip Hop Rap	22:45:00		+	
Ironic Jacky Hartmann	25/12/2023		30:32:00		+	

Songs Genres Playlists + New Song + New Genre Logout AF

TITLE	RELEASE DATE	DURATION	PLAYLIST
Escape (The Pina Colada Song) Danny Toy	1/1/2024	09:04:00	[+]
How Do I Live? Danny Toy	25/3/2024	00:22:00	[+]
T For Texas (Blue Yodel No 1) Adam Fisher	23/3/2024	23:23:00	[+]
Get Back Angelica Lynch	12/8/2024	23:51:00	[+]
Chapel of Love Jacky Hartmann	3/6/2024	03:48:00	[+]
Cat's in the Cradle Angelica Lynch	14/12/2023	03:21:00	[+]
Disturbia Danny Toy	16/8/2024	17:50:00	[+]
Crazy in Love Jacky Hartmann	5/7/2024	22:45:00	[+]
Ironic Jacky Hartmann	25/12/2023	30:32:00	[+]

Select Playlist(s) X

Liked Songs

Cancel Save

Songs Genres Playlists + New Song + New Genre Logout AF

TITLE	RELEASE DATE	DURATION	PLAYLIST
Escape (The Pina Colada Song) Danny Toy	1/1/2024	09:04:00	[+]
How Do I Live? Danny Toy	25/3/2024	00:22:00	[+]
T For Texas (Blue Yodel No 1) Adam Fisher	23/3/2024	23:23:00	[+]
Get Back Angelica Lynch	12/8/2024	23:51:00	[+]
Chapel of Love Jacky Hartmann	3/6/2024	03:48:00	[+]
Cat's in the Cradle Angelica Lynch	14/12/2023	03:21:00	[+]
Disturbia Danny Toy	16/8/2024	17:50:00	[+]
Crazy in Love Jacky Hartmann	5/7/2024	22:45:00	[+]
Ironic Jacky Hartmann	25/12/2023	30:32:00	[+]

Select Playlist(s) X

Liked Songs

Cancel Save

The screenshot shows a dark-themed web application interface. At the top, there is a navigation bar with icons for sun and moon, followed by links for Songs, Genres, and Playlists (which is highlighted in blue). On the right side of the navigation bar are buttons for '+ New Song', '+ New Genre', 'Logout', and a user profile icon labeled 'AF'. Below the navigation bar, the title 'All playlists' is displayed in bold. Underneath it, a card shows a list item 'Liked Songs' with a creation date of 'Created on: 11/10/2023'. To the right of the card are edit and delete icons. Next to the card, it says 'Total Songs: 6' with a right-pointing arrow. On the far right of the page, there is a pink button labeled '+ Create playlist'.

This screenshot appears to be a duplicate of the one above, showing the same dark-themed interface with the 'Playlists' section. The navigation bar, title 'All playlists', and the 'Liked Songs' card are identical to the first screenshot.

The screenshot shows a light-themed web application interface. At the top, there is a navigation bar with icons for sun and moon, followed by links for Songs, Genres, and Playlists (which is highlighted in blue). On the right side of the navigation bar are buttons for '+ New Song', '+ New Genre', 'Logout', and a user profile icon labeled 'AF'. Below the navigation bar, the title 'All playlists' is displayed in bold. Underneath it, a card shows a list item 'Liked Songs' with a creation date of 'Created on: 11/10/2023'. To the right of the card are edit and delete icons. Next to the card, it says 'Total Songs: 6' with a right-pointing arrow. On the far right of the page, there is a pink button labeled '+ Create playlist'.

Songs Genres Playlists + New Song + New Genre Logout AF

All playlists

Liked Songs
Created on: 11/10/2023 Total Songs: 6 >

Songs in playlist

Liked Songs						
Created on: 2023-10-10						
Title	Date Added	Genres	Duration	Rating	Remove	
Escape (The Pina Colada Song) Danny Toy	26/7/2024	Hip Hop Rap Electronic	09:04:00	4 ★		
How Do I Live? Danny Toy	28/4/2024	Hip Hop	00:22:00	/ ★		
T For Texas (Blue Yodel No 1) Adam Fisher	20/9/2023		23:23:00	/ ★		

+ Create playlist

Songs Genres Playlists + New Song + New Genre Logout AF

All playlists

Liked Songs
Created on: 11/10/2023 Total Songs: 6 >

Songs in playlist

Liked Songs						
Created on: 2023-10-10						
Title	Date Added	Genres	Duration	Rating	Remove	
Escape (The Pina Colada Song) Danny Toy	26/7/2024	Hip Hop Rap Electronic	09:04:00	4 ★		
How Do I Live? Danny Toy	28/4/2024	Hip Hop	00:22:00	/ ★		
T For Texas (Blue Yodel No 1) Adam Fisher	20/9/2023		23:23:00	/ ★		

+ Create playlist

Songs Genres Playlists + New Song + New Genre Logout AF

All playlists

Liked Songs
Created on: 11/10/2023

Edit playlist name! X

Name * Reset Save

Songs						
Title	Date Added	Genres	Duration	Rating	Remove	
Escape (The Pina Colada Song) Danny Toy	26/7/2024	Hip Hop Rap Electronic	09:04:00	4 ★	trash	
How Do I Live? Danny Toy	28/4/2024	Hip Hop	00:22:00	/ ★	trash	
T For Texas (Blue Yodel No 1) Adam Fisher	20/9/2023		23:23:00	/ ★	trash	

Liked Songs
Created on: 2023-10-10

Songs Genres Playlists + New Song + New Genre Logout AF

All playlists

Liked Songs
Created on: 11/10/2023

Edit playlist name! X

Name * Reset Save

Songs						
Title	Date Added	Genres	Duration	Rating	Remove	
Escape (The Pina Colada Song) Danny Toy	26/7/2024	Hip Hop Rap Electronic	09:04:00	4 ★	trash	
How Do I Live? Danny Toy	28/4/2024	Hip Hop	00:22:00	/ ★	trash	
T For Texas (Blue Yodel No 1) Adam Fisher	20/9/2023		23:23:00	/ ★	trash	

Songs Genres Playlists + New Song + New Genre Logout AF

All playlists

Liked Songs Created on: 11/10/2023 Total Songs: 6 >

Songs in playlist

Delete Playlist?
Are you sure? You can't undo this action afterwards.

Cancel Delete

TITLE	DATE ADDED	GENRES	DURATION	RATING	REMOVE
Escape (The Piña Colada Song) Danny Toy	26/7/2024	Hip Hop Rap Electronic	09:04:00	4 ★	
How Do I Live? Danny Toy	28/4/2024	Hip Hop	00:22:00	/ ★	
T For Texas (Blue Yodel No 1) Adam Fisher	20/9/2023		23:23:00	/ ★	

[Home](#) [Get Back](#)

Songs Genres Playlists + New Song + New Genre Logout AF

All playlists

Liked Songs Created on: 11/10/2023 Total Songs: 6 >

Songs in playlist

Delete Playlist?
Are you sure? You can't undo this action afterwards.

Cancel Delete

TITLE	DATE ADDED	GENRES	DURATION	RATING	REMOVE
Escape (The Piña Colada Song) Danny Toy	26/7/2024	Hip Hop Rap Electronic	09:04:00	4 ★	
How Do I Live? Danny Toy	28/4/2024	Hip Hop	00:22:00	/ ★	
T For Texas (Blue Yodel No 1) Adam Fisher	20/9/2023		23:23:00	/ ★	

[Home](#) [Get Back](#)

The screenshot shows a dark-themed user interface for a music application. At the top, there are navigation links for 'Songs', 'Genres', and 'Playlists'. On the right side, there are buttons for '+ New Song', '+ New Genre', 'Logout', and a user icon labeled 'AF'. Below these, a button '+ Create playlist' is visible.

The main area displays a list titled 'Songs in playlist' under the heading 'All playlists'. It shows three songs: 'Escape (The Piña Colada Song)' by Danny Toy, 'How Do I Live?' by Danny Toy, and 'T For Texas (Blue Yodel No 1)' by Adam Fisher. Each song entry includes a small thumbnail, the title, artist, date added, genres (Hip Hop, Rap, Electronic), duration, rating (4 stars for the first two), and a 'Remove' button.

A modal window titled 'Create a new playlist!' is open in the center. It contains a text input field labeled 'Playlist name *' and two buttons: 'Reset' (pink) and 'Save' (green). The background of the application is dimmed while the modal is active.

This screenshot is nearly identical to the one above, showing the same dark-themed interface and the 'Songs in playlist' section. The list of songs is identical, and the 'Create a new playlist!' modal is still open in the center.

Enkel voor artiest gebruiker:

Songs Genres Playlists + New Song + New Genre Logout AF

Add song

Title *

Title of the song.

Length *

-- : -- : --

Enter duration of the song.

Release date *

 dd / mm / yyyy

Cover Art URL

Leave empty to use default image.

Genre(s) *

 select or search genre

Reset Submit

Songs Genres Playlists + New Song + New Genre Logout AF

Add song

Title *

Title of the song.

Length *

-- : -- : --

Enter duration of the song.

Release date *

 dd / mm / yyyy

Cover Art URL

Leave empty to use default image.

Genre(s) *

 select or search genre

Reset Submit

Songs	Genres	Playlists				
			+ New Song	+ New Genre	Logout	AF
TITLE	RELEASE DATE	GENRES		Create a new genre!		
Escape (The Pina Colada Song) Danny Toy	1/10/2023	Electronic Hip Hop Rap		Genre name *		
How Do I Live? Danny Toy	25/3/2024	Hip Hop			Reset	Save
T For Texas (Blue Yodel No 1) Adam Fisher	23/3/2024		23:23:00		+	
Get Back Angelica Lynch	12/8/2024	Hip Hop Rap	23:51:00		+	
Chapel of Love Jacky Hartmann	3/6/2024	Electronic Hip Hop Rap Soul	03:48:00		+	
Cat's in the Cradle Angelica Lynch	14/12/2023	Hip Hop Rap	03:21:00		+	
Disturbia Danny Toy	16/8/2024	Hip Hop Rap	17:50:00		+	
Crazy in Love Jacky Hartmann	5/7/2024	Hip Hop Rap	22:45:00		+	
Ironic Jacky Hartmann	25/12/2023		30:32:00		+	

Songs	Genres	Playlists				
			+ New Song	+ New Genre	Logout	AF
TITLE	RELEASE DATE	GENRES	Create a new genre!			
Escape (The Pina Colada Song) Danny Toy	1/10/2023	Electronic Hip Hop Rap	Genre name *			
How Do I Live? Danny Toy	25/3/2024	Hip Hop		Reset	Save	
T For Texas (Blue Yodel No 1) Adam Fisher	23/3/2024		23:23:00		+	
Get Back Angelica Lynch	12/8/2024	Hip Hop Rap	23:51:00		+	
Chapel of Love Jacky Hartmann	3/6/2024	Electronic Hip Hop Rap Soul	03:48:00		+	
Cat's in the Cradle Angelica Lynch	14/12/2023	Hip Hop Rap	03:21:00		+	
Disturbia Danny Toy	16/8/2024	Hip Hop Rap	17:50:00		+	
Crazy in Love Jacky Hartmann	5/7/2024	Hip Hop Rap	22:45:00		+	
Ironic Jacky Hartmann	25/12/2023		30:32:00		+	

The screenshot shows a dark-themed application interface. At the top, there is a navigation bar with icons for sun and moon, followed by links for Songs, Genres, and Playlists. On the right side of the bar are buttons for '+ New Song', '+ New Genre', 'Logout', and a user icon labeled 'AF'.

The main area features a circular profile picture of Adam Fisher with the letters 'AF' in the center. Below it, his name 'Adam Fisher' is displayed, along with his birth date '25/11/1988', 'Total songs: 5', and a bio: 'ostrich lover, model' with an ostrich emoji. A 'Edit' button is located below the bio.

A table lists five songs:

TITLE	RELEASE DATE	GENRES	DURATION	EDIT / DELETE
Fallin'	9/8/2024	Hip Hop, Rap, Electronic	28:16:00	
Louie Louie	16/12/2023	Hip Hop, Rap	10:28:00	
Paper Doll	14/1/2024		22:58:00	
Shake Down	14/7/2024	Hip Hop, Rap, Electronic, Soul	25:27:00	
T For Texas (Blue Yodel No 1)	23/3/2024		23:23:00	

This screenshot is identical to the one above, showing the same user profile for Adam Fisher and the same list of five songs in the table.

Songs Genres Playlists + New Song + New Genre Logout AF



Username
dd / mm / yyyy
About

Cancel Save

TITLE	RELEASE DATE	GENRES	DURATION	EDIT / DELETE
 Fallin'	9/8/2024	Hip Hop Rap Electronic	28:16:00	 
 Louie Louie	16/12/2023	Hip Hop Rap	10:28:00	 
 Paper Doll	14/1/2024		22:58:00	 
 Shake Down	14/7/2024	Hip Hop Rap Electronic Soul	25:27:00	 
 T For Texas (Blue Yodel No 1)	23/3/2024		23:23:00	 

Songs Genres Playlists + New Song + New Genre Logout AF



Username
dd / mm / yyyy
About

Cancel Save

TITLE	RELEASE DATE	GENRES	DURATION	EDIT / DELETE
 Fallin'	9/8/2024	Hip Hop Rap Electronic	28:16:00	 
 Louie Louie	16/12/2023	Hip Hop Rap	10:28:00	 
 Paper Doll	14/1/2024		22:58:00	 
 Shake Down	14/7/2024	Hip Hop Rap Electronic Soul	25:27:00	 
 T For Texas (Blue Yodel No 1)	23/3/2024		23:23:00	 

Songs Genres Playlists + New Song + New Genre Logout AF

Update song

Title *

Title of the song.

Length *

Enter duration of the song.

Release date *

Cover Art URL

 https://cdn.pixabay.com/photo/2021/05/14/12/26/man-6253257_1280.jpg

Leave empty to use default image.

Submit

Songs Genres Playlists + New Song + New Genre Logout AF

Update song

Title *

Title of the song.

Length *

Enter duration of the song.

Release date *

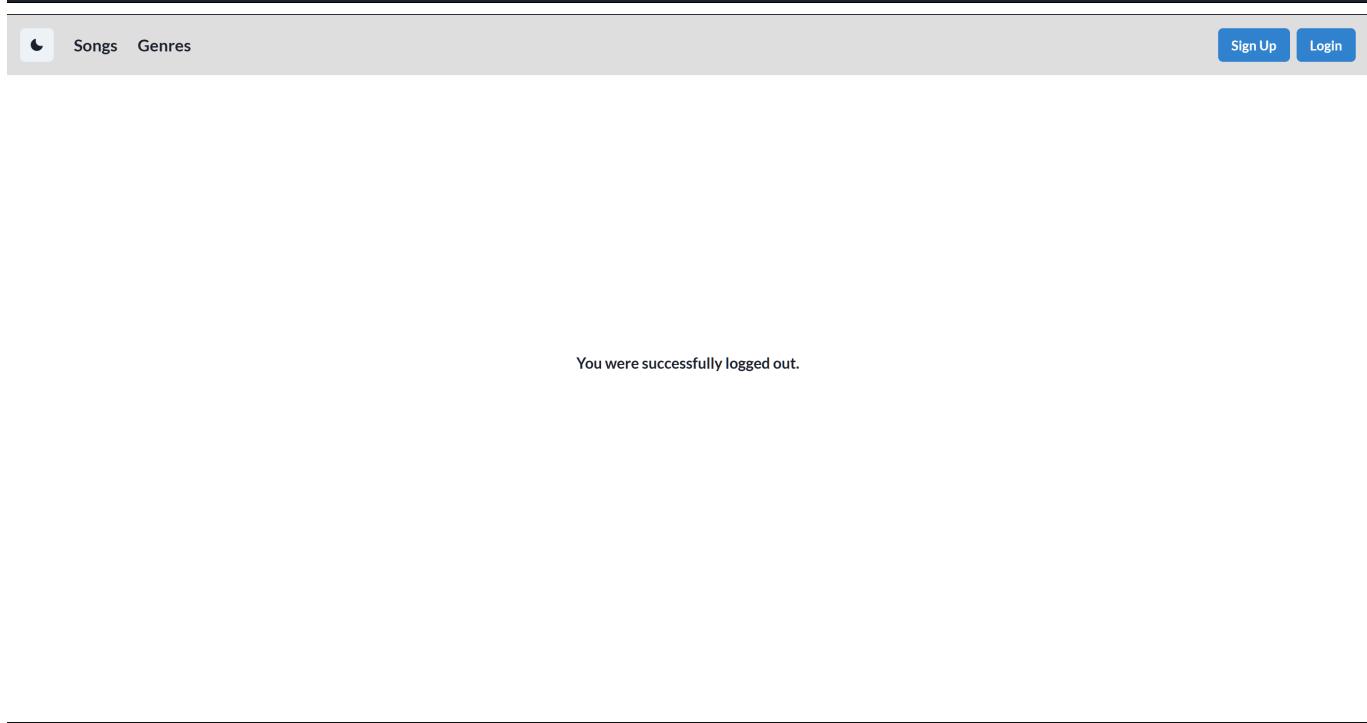
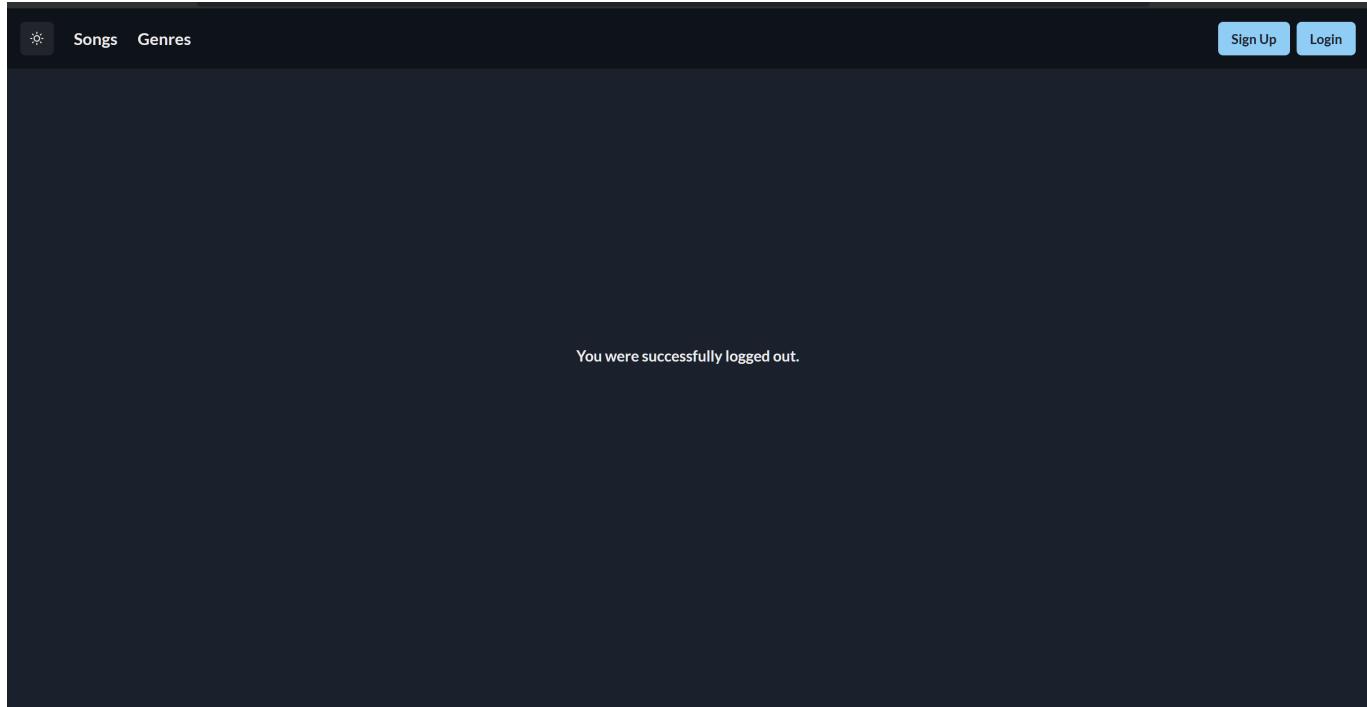
 

Cover Art URL

 https://cdn.pixabay.com/photo/2021/05/14/12/26/man-6253257_1280.jpg

Leave empty to use default image.

Submit



API calls

Maak hier een oplijsting van alle API calls in jouw applicatie. Groepeer dit per entiteit. Hieronder een voorbeeld.

Gebruikers

- `GET /api/users`: alle gebruikers ophalen
- `GET /api/users/:id`: gebruiker met een bepaald id ophalen

Genre

- get '/' - alle genres
- get '/:id' - bepaalde genre met al zijn liedjes

- post '/' - nieuwe genre
- put '/:id' - genre naam aanpassen
- delete '/:id' - genre verwijderen

Playlist

- get '/'
- get '/:id'
- post '/'
- put '/:id'
- delete '/:id'
- post '/:id/songs'
- delete '/:id/songs/:songId'

...

Behaalde minimumvereisten

Duid per vak aan welke minimumvereisten je denkt behaald te hebben

Front-end Web Development

- **componenten**
 - heeft meerdere componenten - dom & slim (naast login/register)
 - applicatie is voldoende complex
 - definieert constanten (variabelen, functies en componenten) buiten de component
 - minstens één form met meerdere velden met validatie (naast login/register)
 - login systeem
- **routing**
 - heeft minstens 2 pagina's (naast login/register)
 - routes worden afgeschermd met authenticatie en autorisatie
- **state-management**
 - meerdere API calls (naast login/register)
 - degelijke foutmeldingen indien API-call faalt
 - gebruikt useState enkel voor lokale state
 - gebruikt gepast state management voor globale state - indien van toepassing
- **hooks**
 - gebruikt de hooks op de juiste manier
- **varia**
 - een aantal niet-triviale e2e testen
 - minstens één extra technologie

- maakt gebruik van de laatste ES-features (async/await, object destructuring, spread operator...)
- duidelijke en volledige README.md
- volledig en tijdig ingediend dossier en voldoende commits

Web Services

- **datalaag**

- voldoende complex (meer dan één tabel, 2 een-op-veel of veel-op-veel relaties)
- één module beheert de connectie + connectie wordt gesloten bij sluiten server
- heeft migraties - indien van toepassing
- heeft seeds

- **repositorylaag**

- definieert één repository per entiteit (niet voor tussentabellen) - indien van toepassing
- maapt OO-rijke data naar relationele tabellen en vice versa - indien van toepassing

- **servicelaag met een zekere complexiteit**

- bevat alle domeinlogica
- bevat geen SQL-queries of databank-gerelateerde code

- **REST-laag**

- meerdere routes met invoervalidatie
- degelijke foutberichten
- volgt de conventies van een RESTful API
- bevat geen domeinlogica
- geen API calls voor entiteiten die geen zin hebben zonder hun ouder (bvb tussentabellen)
- degelijke autorisatie/authenticatie op alle routes

- **algemeen**

- er is een minimum aan logging voorzien
- een aantal niet-triviale integratietesten (min. 1 controller $\geq 80\%$ coverage)
- minstens één extra technologie
- maakt gebruik van de laatste ES-features (async/await, object destructuring, spread operator...)
- duidelijke en volledige README.md
- volledig en tijdig ingediend dossier en voldoende commits

Projectstructuur

Front-end Web Development

Componenten en Pagina's in mappen van hun eigen entiteiten. Hiërarchie van componenten, pagina's bestaan uit componenten die op zich uit kleinere componenten bestaan. Zoveel mogelijk herbruik van componenten.

Web Services

Gedeelde lagen, rest laag weet niets van service laag. Alles gestructureerd in mappen.

Extra technologie

Front-end Web Development

Chakra-ui: <https://www.npmjs.com/package/@chakra-ui/react> Chakra-react-select:
<https://www.npmjs.com/package/chakra-react-select>

Web Services

Objection: <https://www.npmjs.com/package/objection>

Testresultaten

Front-end Web Development

Web Services

De testen die falen omdat ik wijzigingen heb gedaan zonder de testen ook te updaten maar vroeger lukten ze allemaal.

File	%Stmts	%Branch	%Funcs	%Lines	Uncovered Line #s
All files	88.54	82.12	97.61	88.54	
rest	99.68	100	97.67	99.68	
genre.js	100	100	100	100	
health.js	100	100	100	100	
index.js	100	100	100	100	
playlist.js	100	100	100	100	
song.js	100	100	100	100	
user.js	99.19	100	94.11	99.19	76-77
service	78.33	72.41	97.56	78.33	
_handleDBError.js	18.98	33.33	100	18.98	8-48,51-73
genre.js	84.88	72.72	100	84.88	13-17,19-24,34-35
health.js	100	100	100	100	
playlist.js	92.85	82.6	100	92.85	51-52,72-73,75-76,91-92
song.js	84.03	65.51	100	84.03	16-17,19,33-34,42-43,58-59,64-65,67-68,89-90,97-98,106-107
user.js	83.88	72.91	94.73	83.88	...07,111-117,138-139,150-151,177-178,191-192,214-217,227-228,239-240,253-254

```

Test Suites: 4 failed, 1 passed, 5 total
Tests:      51 failed, 227 passed, 278 total
Snapshots:  0 total
Time:       22.422 s
Ran all test suites.

```

Gekende bugs

Front-end Web Development

Geen(?)

Web Services

Geen

Wat is er verbeterd/aangepast?

Front-end Web Development

- /

Web Services

- Meer data meegeven met elke query (waardoor de testeb niet mee overeenkomen.)