

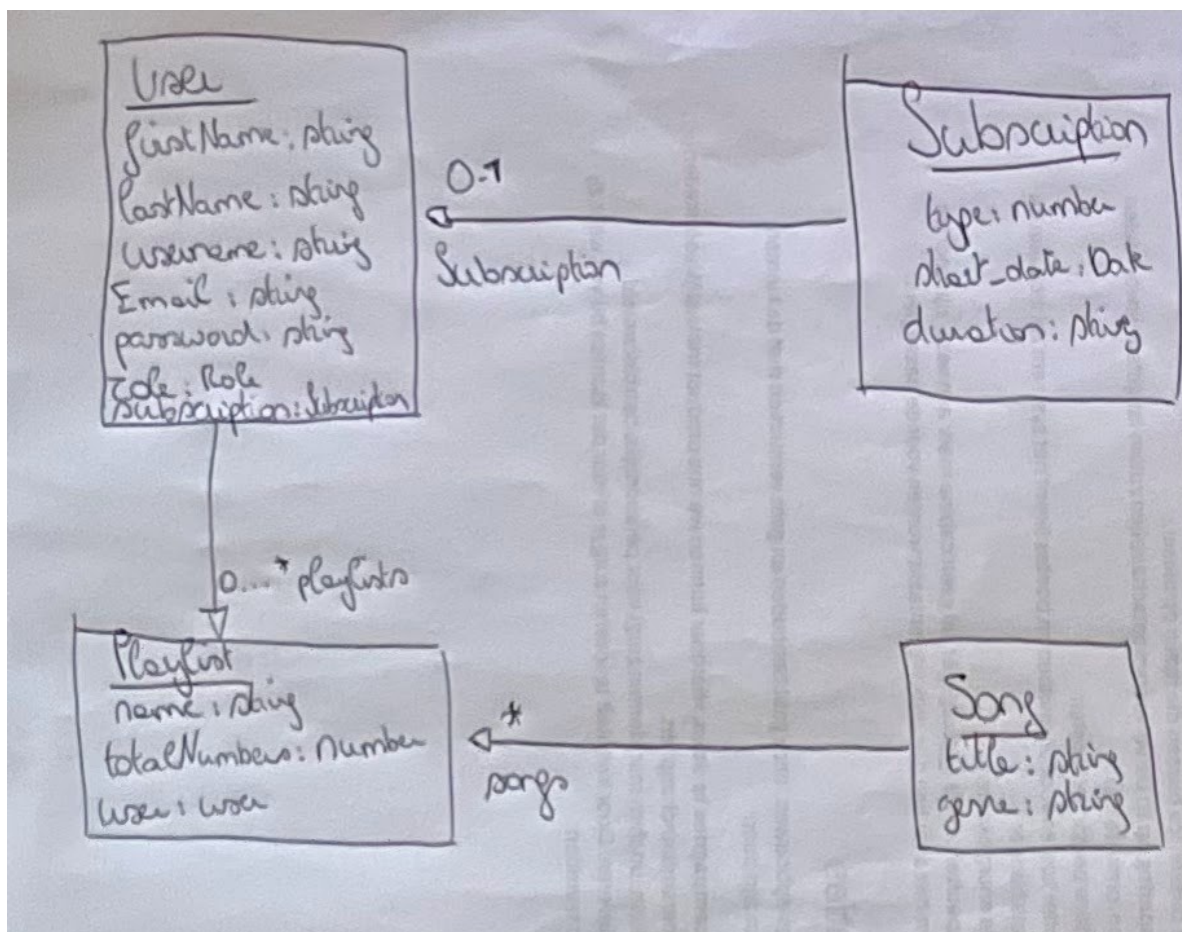
Analyze

Project description

Title: Music Library App

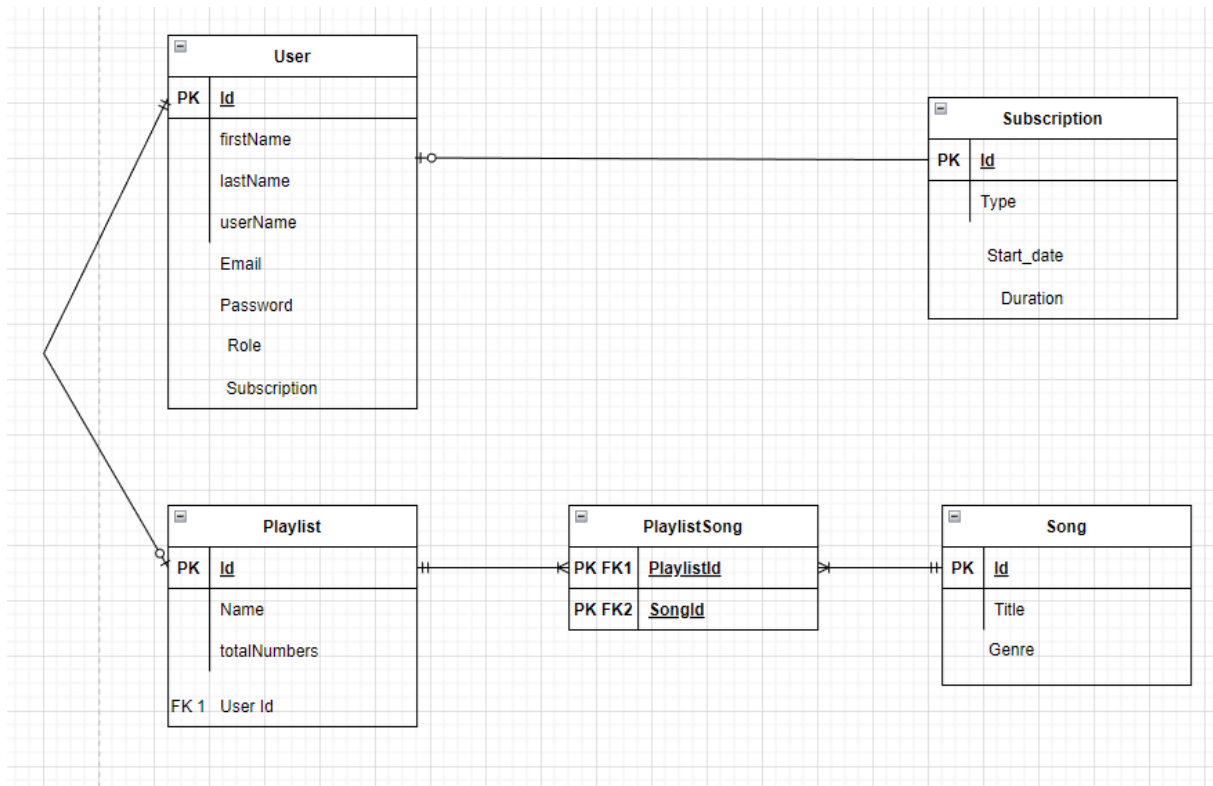
Description:

Met deze app willen we gebruikers de mogelijkheid bieden om afspeellijsten te creëren, muziek toe te voegen of te verwijderen uit hun lijsten (update en delete), en een duidelijke overview te krijgen van al hun afspeellijsten. De muziek in de app wordt toegevoegd door de admin of door een artiest.

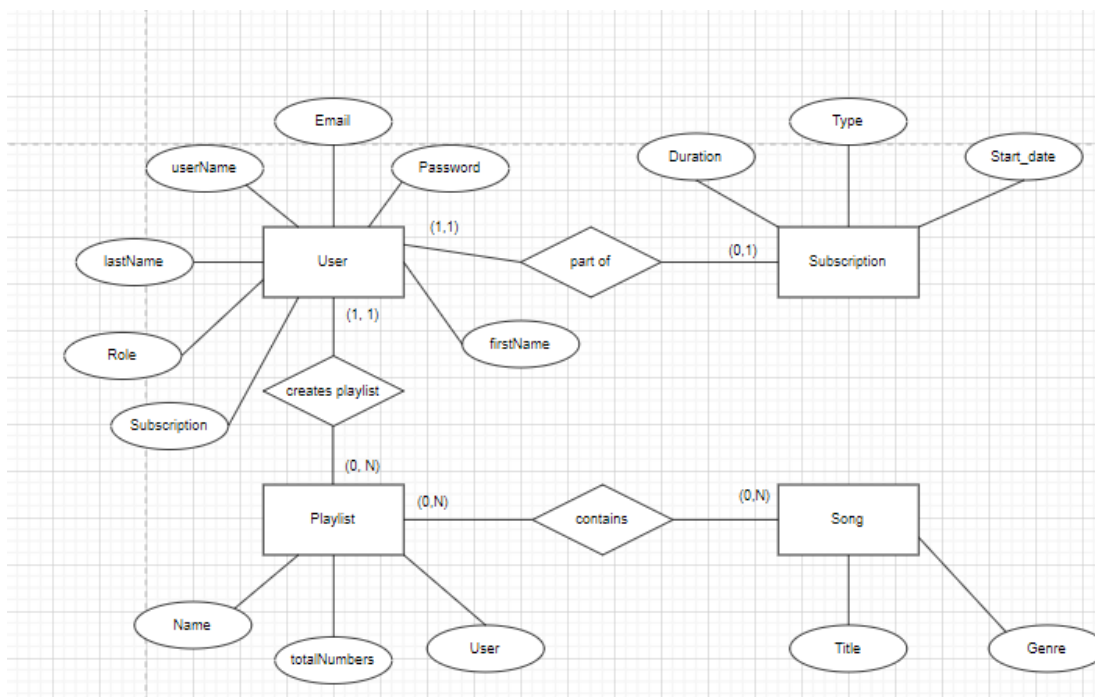


Domain Model

Conceptual Model



Logical Database Model



User Stories

Overview Music

As a User,

I want to be able to see the overview of all the songs in the application made by an admin

So that I can eventually add the music I like to a playlist

For Admin

Songs		
Title	Genre	⊕
aaa	aaa	🗑

For User

Songs	
Title	Genre
aaa	aaa

Acceptance criteria

- **When:** I have logged in and been redirected to the homepage
- **Then:** I should be able to see a clear overview of songs
- **Title bar** of the screen should display 'Songs'
- **In the overview table of songs**
 - I will see the "title" and "genre" of the song
 - **When** the user has an admin role:
 - **Then** the user also sees a delete icon and add icon

Overview Playlists

As a User,

I want to be able to see the overview of all my playlists in the application

So that I can eventually add the music I like to on of those playlist

For Admin

Playlists				
Name	totalNumbers	User	Added Songs	⊕
string	0	niko	0	
playlist1	3	niko	0	
string1	2	niko	0	
l	0	tester	0	
l	0	tester	0	
f	0	tester	0	

For User

Playlists				
Name	totalNumbers	User	Added Songs	⊕
string	0	niko	0	
playlist1	3	niko	0	
string1	2	niko	0	

Acceptance criteria

- **When:** I am logged in and clicked the 'Playlists' tab in the header
- **Then:** I should be able to see a clear overview of playlists
- **Title bar** of the screen should display 'Playlists'
- **In the overview**
 - Each playlist should represent a card with info
 - I will see the "name" of the playlist
 - I will see the amount of songs in the playlist
 - I will see the owner of the playlist
 - **When** the user has an admin role:
 - Then the user will see all the playlists
 - **When** the user has not an admin role:
 - **Then** the user can only see their own playlists

Create User

As a new user,
I want to create an account on the application,
So that I can access the features of the application.

Wireframe

A hand-drawn wireframe for a 'Create User' form. The title 'Create user' is at the top. Below it are five input fields: 'First name' with the value 'Wend', 'Last name' with the value 'Losgers', 'Username' with the value 'WLMusic', 'Email' (empty), and 'Password' with five dots. A red note 'email is required' is written next to the empty email field. At the bottom is a green 'Create' button.

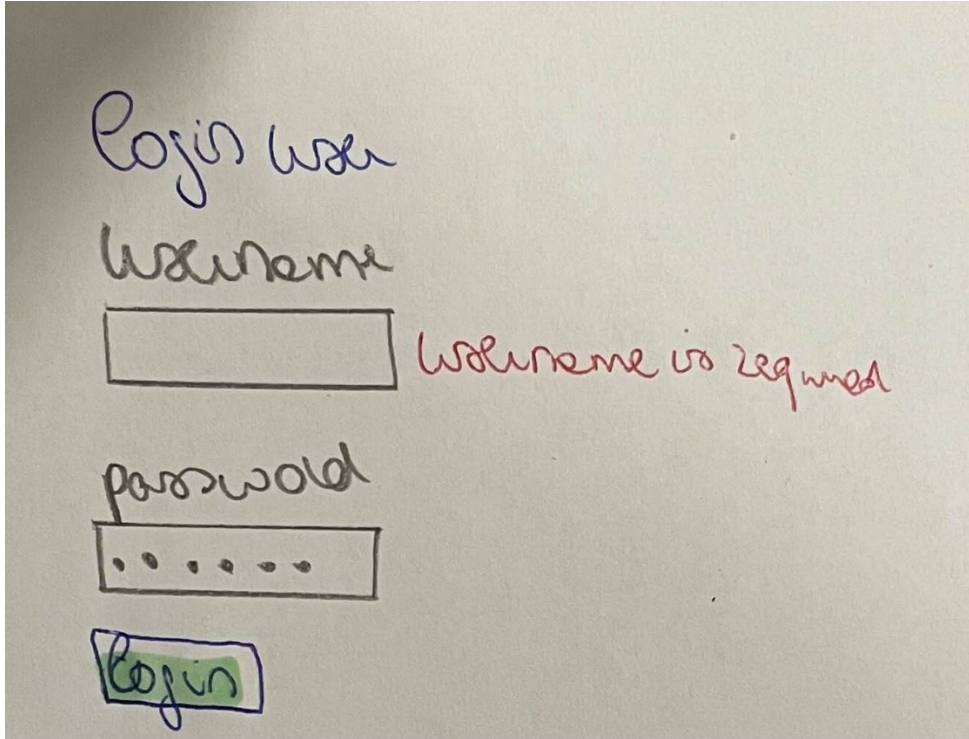
Acceptance criteria

- The user has the following fields:
 - First name
 - Last name
 - Username
 - Email
 - Password
- All the fields are mandatory
- **When:** the fields are blank,
- **Then:** you will get a error message. For example: "First name is required!" | "Last name is required!" | "Username is required!" | "email is required!" | "Password is required!"
- **When:** email does not have a @
- **Then:** You will get an error message → "Invalid email"

Login User

As a registered user,
I want to login to my account,
So that I can access the features of the application.

Wireframe



Acceptance criteria

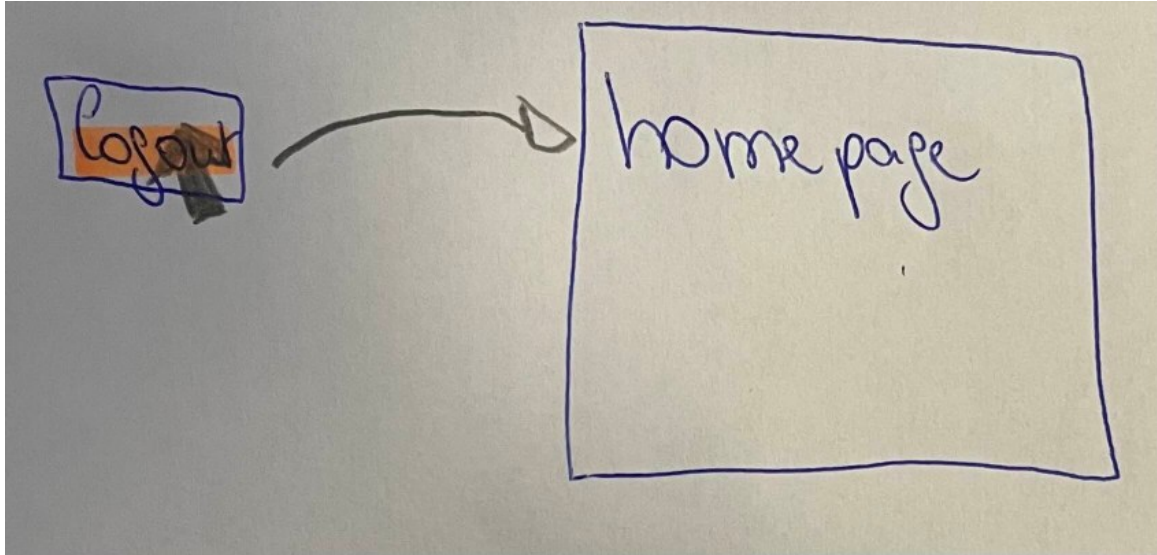
- A login has the following fields
 - Username
 - Password
- All the fields are mandatory
- **When:** the fields are blank,
- **Then:** you will get an error message. For example: "Username is required!" "Password is required!"
- **When:** the fields are not correct,
- **Then:** the user will get an error message. "Please give the correct username or password!"
- **When:** the fields are correct,

Then: the user can access the features of the application.

Logout User

As a logged in user,
I want to logout of my account,
So that I can quit my session on the application.

Wireframe

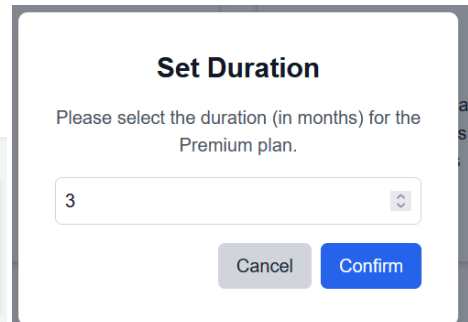
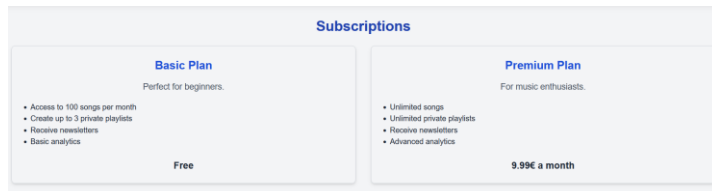


Acceptance criteria

- **When:** the logged in user clicks on the logout button,
- **Then:** the user is safely logged out.
- **Then:** the loggedout will be sent to the homepage.

Add Subscription

As a logged in user,
I want to change my basic subscription to premium,
So that I can add more than 3 playlists in my playlist overview.



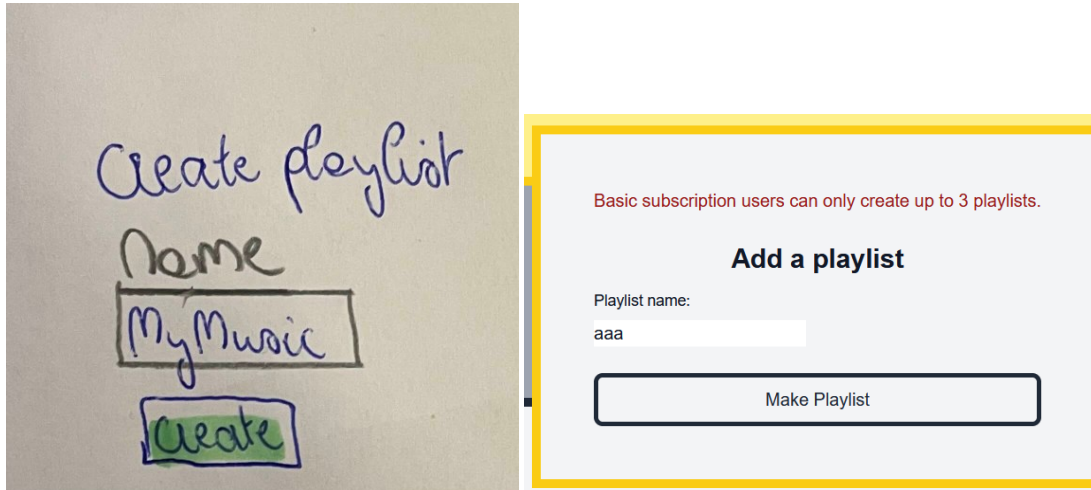
Acceptance criteria

- **When** the user goes to the subscription page.
- **Then** he/she will see 2 choices: basic or premium.
- **When** the user clicks on premium and select a duration
- **When** saving this
 - **Then** the user has now a premium subscription on our app.
 - **Then** the user can add more than 3 playlists into our app.

Add playlist

As a logged in user,
I want to create my own playlist,
So that I can see a list of all the music I like.

Wireframe



The image shows two versions of a 'Create playlist' form. On the left is a hand-drawn wireframe on a piece of paper. It has the title 'Create playlist' at the top, followed by a label 'Name', a text input field containing 'MyMusic', and a button labeled 'create'. On the right is a digital mockup of the same form, enclosed in a yellow border. It features a red error message at the top: 'Basic subscription users can only create up to 3 playlists.' Below this is the title 'Add a playlist', followed by the label 'Playlist name:', a text input field containing 'aaa', and a button labeled 'Make Playlist'.

Acceptance criteria

- A playlist has the following fields:
 - Name
 - Total numbers
- **When:** clicking on the “Create” button,
- **Then:** the playlist is made.
- **When:** then name field is blank,
- **Then:** the user will get an error message. “name for playlist is required!”
- **When:** a user with a basic subscription add a new playlist when he/she already has 3 playlists
 - **Then:** an error message is displayed: Basic subscription users can only create up to 3 playlists.

Add music to playlist

As a User,

I want to be able to add a certain song to my playlists

So that I can save the songs I like in a 'bucket'

Name	totalNumbers	User	Added Songs	⊕
string	0	niko	0	
playlist1	3	niko	0	
string1	2	niko	0	

Songs

Title	Genre	Song to add
aaa	aaa	<input type="button" value="Add song"/>

Acceptance criteria

- **When** I am logged in and redirected to the overview of Playlists
- **Then** I should be able to click the options of a playlist
- **When** I am click on the options
- **Then** I should see a list of options where "add to playlist" is one of them
- **When** I hover/click over "add to playlist"
- **Then** the song is added to the playlist

Add music

As a admin or artist of the application,
I want to be able to add a certain song

So that I see an overview of all songs with my song added to the overview

The image displays two versions of a web form titled "Add a song".

Left Mockup: The form has two input fields. The first is labeled "Song title:" and contains the text "test". The second is labeled "Song genre:" and also contains the text "test". Below the fields is a button labeled "Make Song".

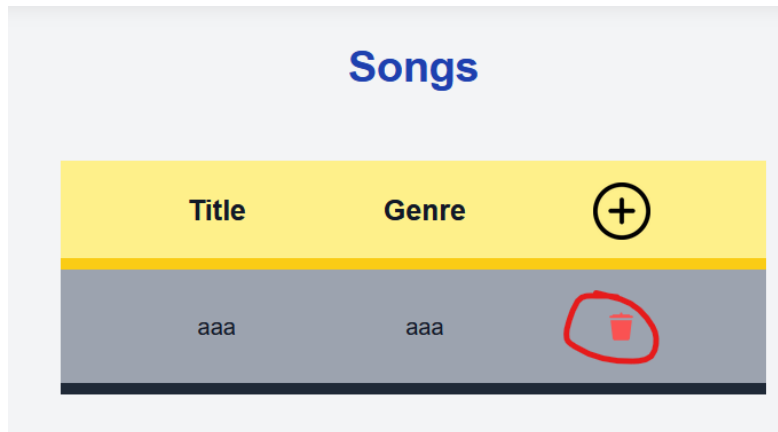
Right Mockup: This version shows validation errors. Above the "Song genre:" field, there is a red error message "Genre is required". Below the "Song genre:" field, there is another red error message "Genre of the song is required". The "Song title:" field contains "azert". The "Make Song" button is still present at the bottom.

Acceptance criteria

- **When** I am logged in and redirected to the overview of Songs
- **Then** I should be able to click on the add icon
- **When** I am click on the icon
- **Then** I should see a form that I have to fill in
- **When** I hover/click over "add song"
- **Then** the song is added
- **When** I'm just a user:
 - **Then** I only see an overview of all the songs

Remove music

As a admin of the application,
I want to be able to remove a certain song from the “Songs”
So that I can remove the songs



Acceptance criteria

- **When** I am logged in and redirected to the overview of songs
- **Then** I should be able to click the delete icon of a song
- **When** I am click on the icon
- **Then** I should see a message if I want to delete the song
- **When** I click a “Playlist” In the playlist overview
- **Then** I should get confirmation that the song has been removed
- **When** the user has the role user:
 - **Then** he/she is not able to delete a song

Overview Users

As a admin of the application,

I want to be able to see the overview of all my users in the application

So that I can eventually change their roles is I want to

Users					
First Name	Last Name	Username	Email	Role	Update Role
admin	admin	admin12	admin@admin.be	admin	Cannot update your own role
Nikolai	Lastname	niko	Nikolai@ucll.be	user	Change Role
test	tester	tester	tester@gmail.com	user	Change Role

Acceptance criteria

- **When:** I am logged in and clicked the 'Users tab in the header
- **Then:** I should be able to see a clear overview of users
- **Title bar** of the screen should display 'Users'
- **In the overview**
 - Each user should represent a card with info
 - I will see the "firstName" of the user
 - I will see the "lastName" of the user
 - I will see the "userName" of the user
 - I will see the "Email" of the user
 - I will see the "Role" of the user
 - I will see the "Update Role" of the user
 - **When** the user has an admin role:
 - Then the user will see all the playlists
 - **When** the user has not an admin role:
 - **Then** the user cannot see this page

Change Roles

As a admin of the application,
I want to be able to update other users their role
So that I am not the only admin of this application

Users					
First Name	Last Name	Username	Email	Role	Update Role
admin	admin	admin12	admin@admin.be	admin	Cannot update your own role
Nikolai	Lastname	niko	Nikolai@ucll.be	user	Artist <input type="button" value="Update"/>
test	tester	tester	tester@gmail.com	user	<input type="button" value="Change Role"/>

Acceptance criteria

- **When:** I am logged in and clicked the 'Users tab in the header
- **Then:** I should be able to see a clear overview of users
- **Title bar** of the screen should display 'Users'
- **In the overview**
 - You see on the right side of every user, the change role button
 - **When** I click on the change role button
 - **Then** I can choose the role of the user I selected
- **When** I click on save
 - **Then:** the other user will have a new role.