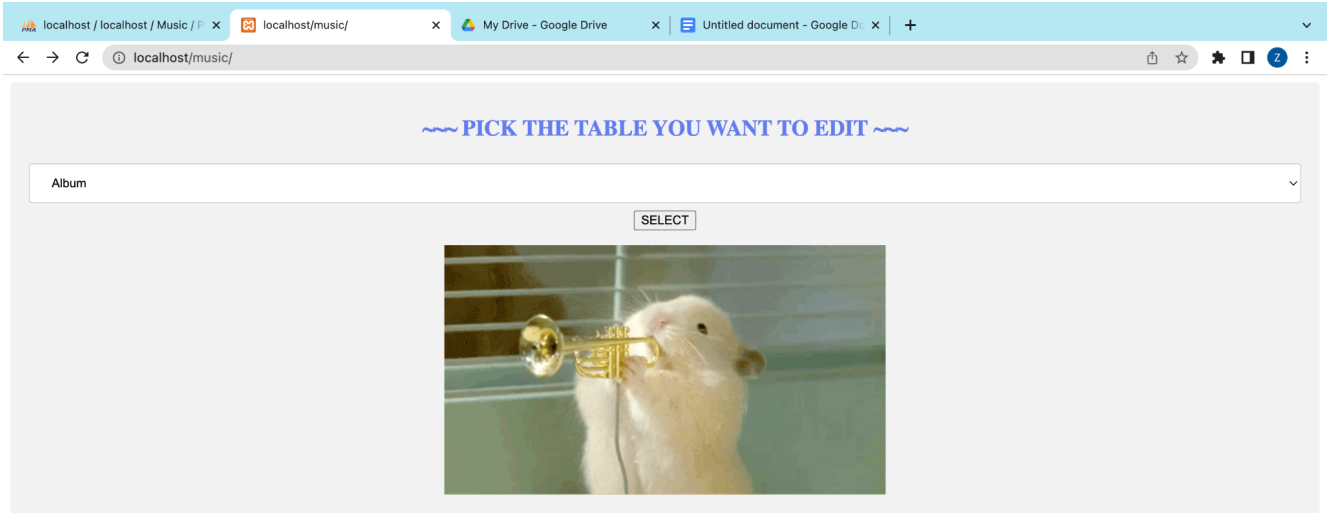
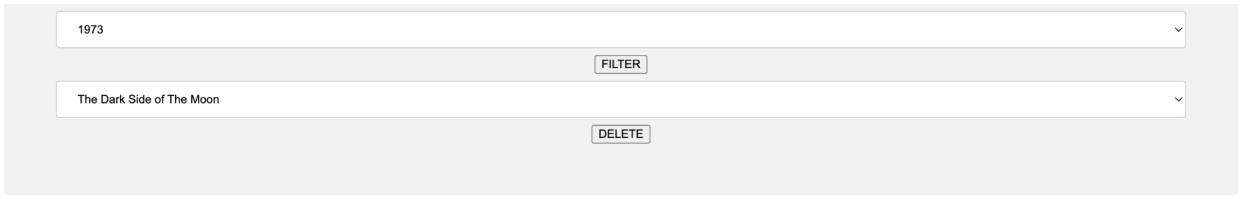
THE MUSIC DATABASE

We basically used step 2 and modified it for the whole project. As the index page we put a dropdown menu in order to let the user select which table he/she wants to edit. After selecting, it leads to a dedicated webpage that shows the current entries of the selected table.



ALBUM

This is how our album page looks. In this page, the Album table can be seen as follows. Albums can be filtered by their years.



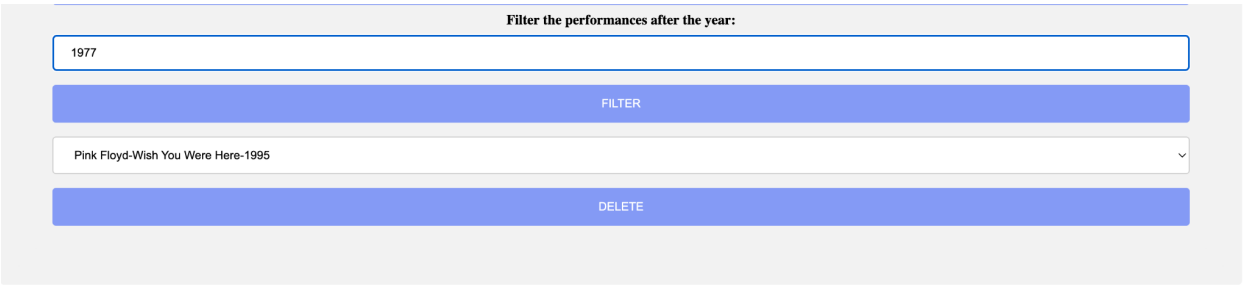
Songs Filtered by Album Year

IN THE ALB_YEAR = 1973

Album Name	Number of Songs
The Dark Side of The Moon	9

As can be seen in the example above, the albums are filtered by the year 1973, and the album name and number of songs are listed accordingly.

PERFORMS



This is how the performs table looks like. The performances can be filtered by the year they happened. Also in the relations table, in order to keep the integrity, we only allowed the user to pick from artists that were already entered and the songs that were already entered.

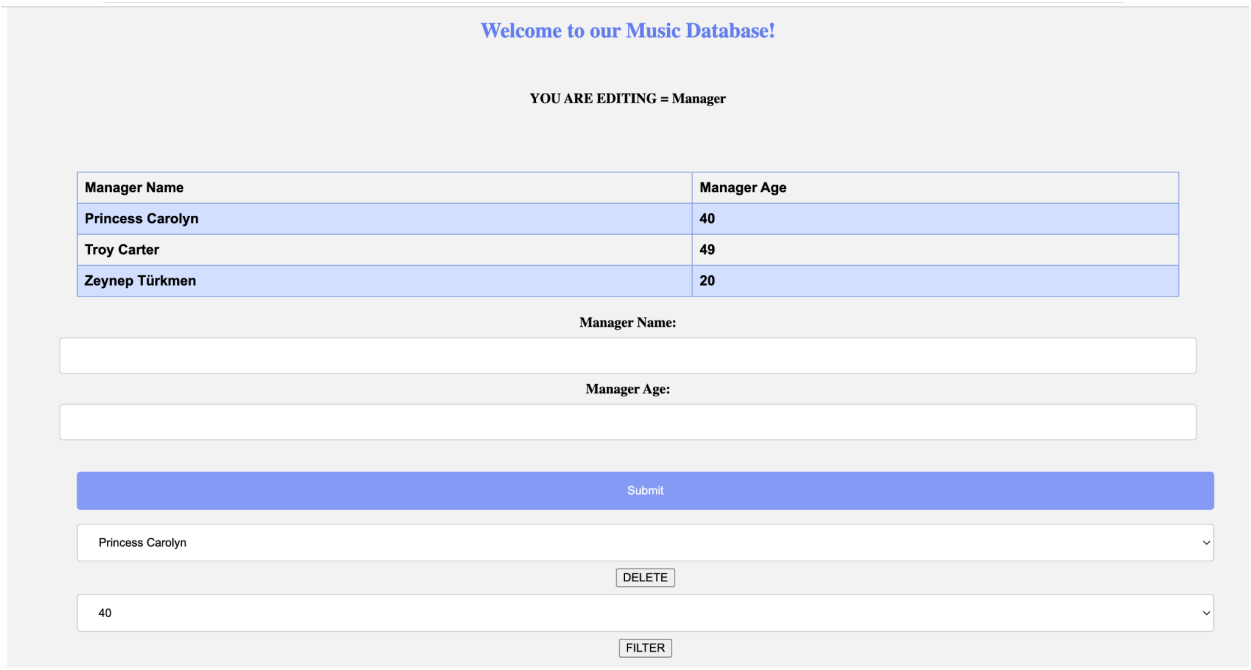
Performance Filtered by Year

AFTER THE YEAR = 1980

Artist	Song	Year
Pink Floyd	Wish You Were Here	1995
Arctic Monkeys	Do Me a Favour	2007

This is how it looks like after filtering.
When prompted to delete, all tables lead to a page that says “Successfully deleted !”. (All entities and pages that has delete has the same thing so we didn't add the screenshot for all of them)

MANAGER



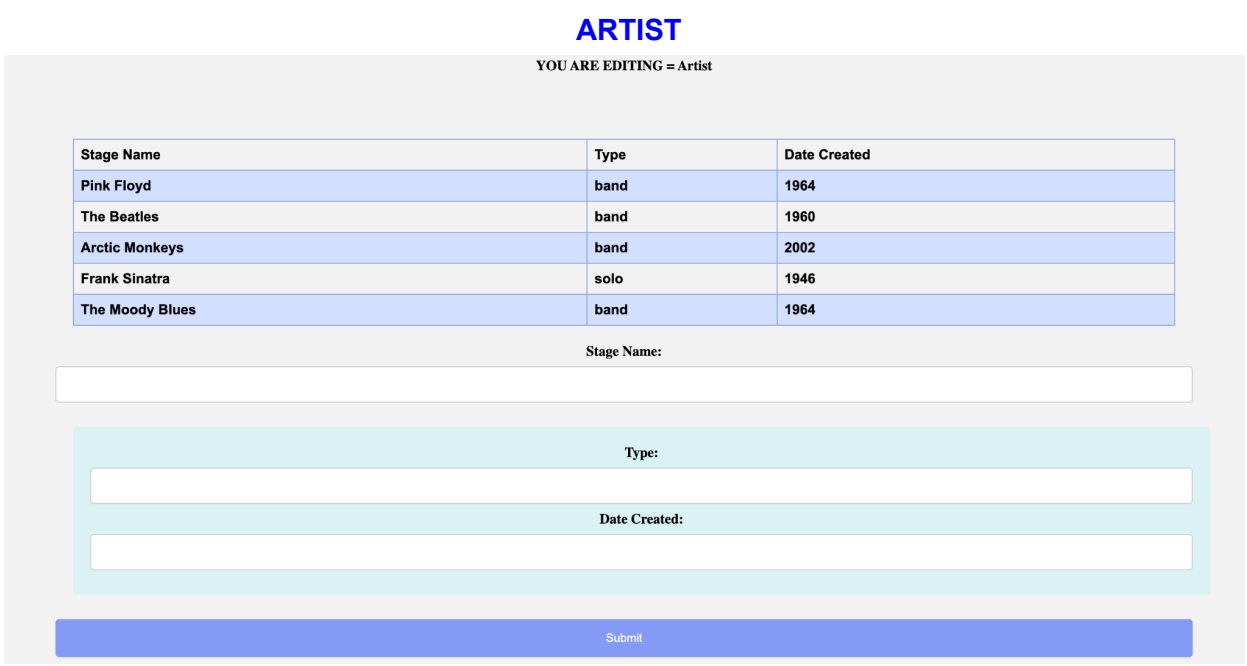
This is how the manager table looks like, the managers can be filtered by their ages.

Managers Filtered by Age

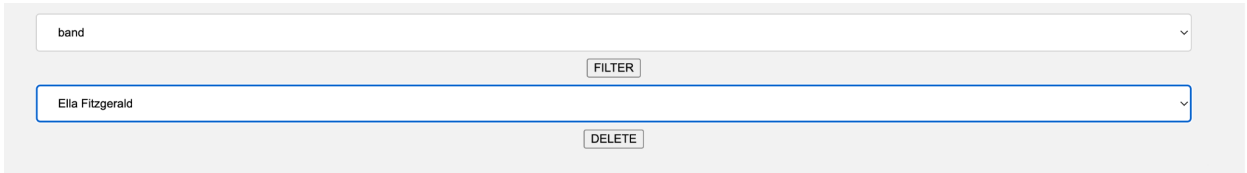
IN THE MANAGER AGE = 40

Manager Name
Princess Carolyn

This is how the filtered one looks like.



This is how the artist table looks like,



It can be filtered by its type

Artists Filtered by Type

IN THE TYPE = band

Stage Name	Date Created
Pink Floyd	1964
The Beatles	1960
Arctic Monkeys	2002
The Moody Blues	1964

And this is how it looks after being filtered.

AWARD

YOU ARE EDITING = Award

Award Title	Constitution
Album of the Year	Grammy
Artist of the year	Grammy
Song of the year	Grammy

Award Title:

Constitution:

Submit

Grammy

FILTER

Album of the Year

DELETE

This is how the awards table looks like. The award can be filtered by the constitution they were given.

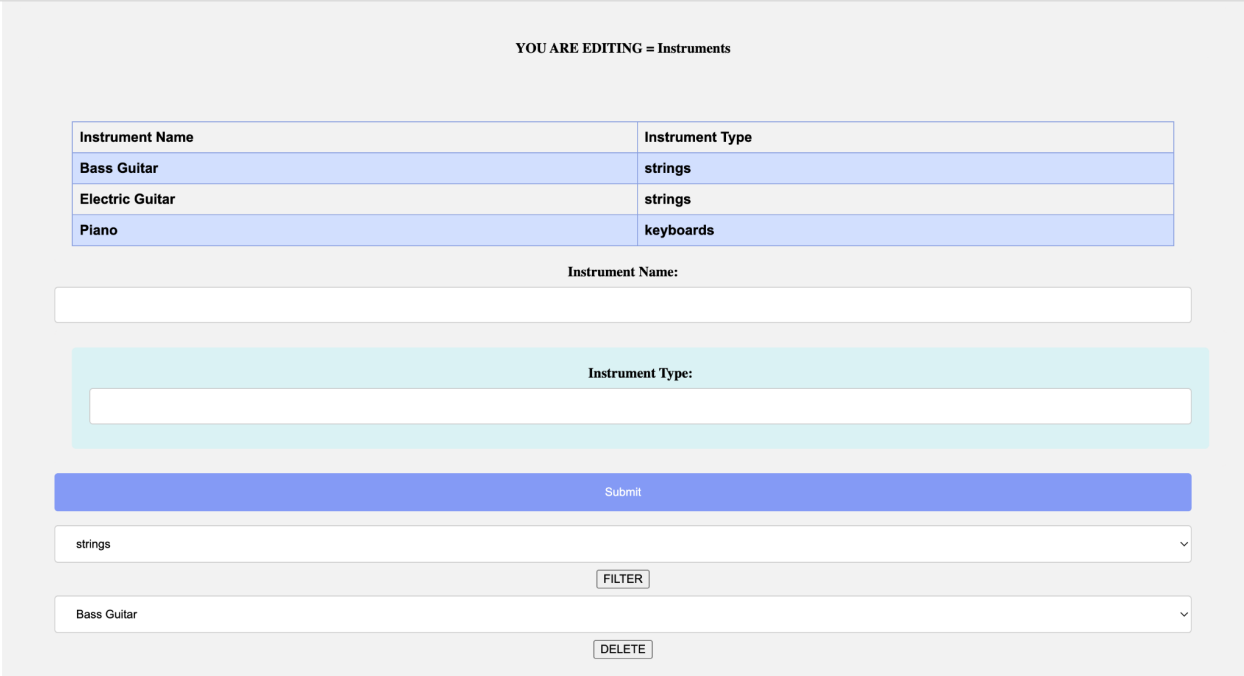
Awards Filtered by Constitution

IN THE AW_CONSTITUTION = Grammy

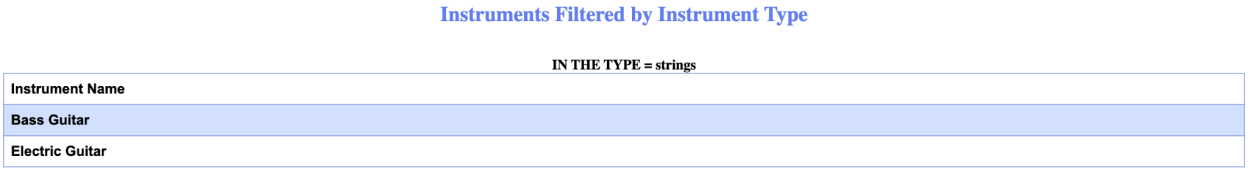
Award Title
Album of the Year
Artist of the year
Song of the year

This is how filtered one looks like.

INSTRUMENTS



This is how the instruments table looks like. The instrument can be filtered by the instrument type.



This is how filtered one looks like

PLAYED BY

YOU ARE EDITING = Played_by

Instrument Name	Song Name
Bass Guitar	Melancholy Man
Bass Guitar	Little Black Submarines
Electric Guitar	Little Black Submarines
Electric Guitar	Do Me a Favour

Instrument:

Bass Guitar

Song:

Somethin Stupid

SUBMIT

Filter the songs by the instrument:

Bass Guitar

FILTER

Melancholy Man-Bass Guitar

DELETE

This is how the played by table looks like. They can be filtered by the instrument they are played. Also in the relations table, in order to keep the integrity, we only allowed the user to pick from instruments that were already entered and the songs that were already entered.

Songs Filtered by Instruments

BY THE INSTRUMENT NAME = Bass Guitar

Song
Melancholy Man
Little Black Submarines

WRITES

YOU ARE EDITING = Writes

Song Writer	Song	Year
Sia Furler	Somethin Stupid	1999
Best Writer Ever	Amamos La Vida	2002
Nobody	Ne me quitte pas	1999

Writing Year:

Song_writer:

Sia Furler

Song:

Somethin Stupid

This is how the ‘writes’ table looks like. They can be filtered by their writing years.

Filter the performances after the year:

FILTER

Somethin Stupid-Sia Furler-1999

DELETE

Songs Filtered by Year

AFTER THE YEAR = 1997

Song Writer	Song	Year
Sia Furler	Somethin Stupid	1999
Best Writer Ever	Amamos La Vida	2002
Nobody	Ne me quitte pas	1999

SONGS

YOU ARE EDITING = Songs

Song Name	Release Year	Genre	Language	Duration
Somethin Stupid	1967	jazz	English	2.4
Melancholy Man	1970	rock	English	5.45
Octavarium	2005	Metal	English	24
Little Black Submarines	2011	alternative	English	4.11
Amamos La Vida	1993	Metal	English	4.41
Ne me quitte pas	1965	Jazz	French	3.39
Do Me a Favour	2007	alternative	English	3.29
Wish You Were Here	1975	rock	English	5.04

Song Name:

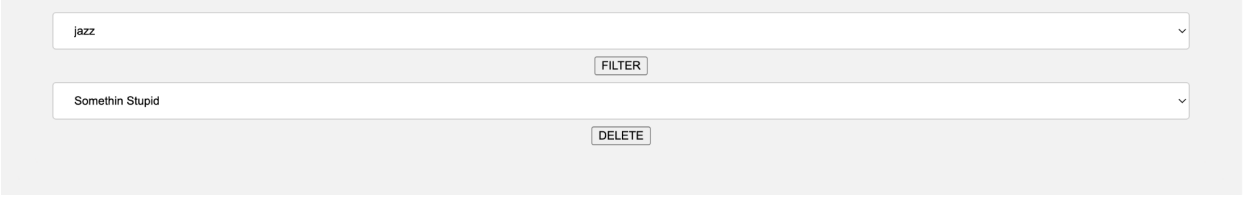
Release Year:

Language:

Genre:

Duration:

This is how the songs table looks like. The songs can be filtered by the genre type.



Songs Filtered by Genre

IN THE GENRE = rock

Song Name	Release Year	Language	Duration
Melancholy Man	1970	English	5.45
Wish You Were Here	1975	English	5.04

In this example, songs filtered by the jazz genre can be seen.

SONG WRITER

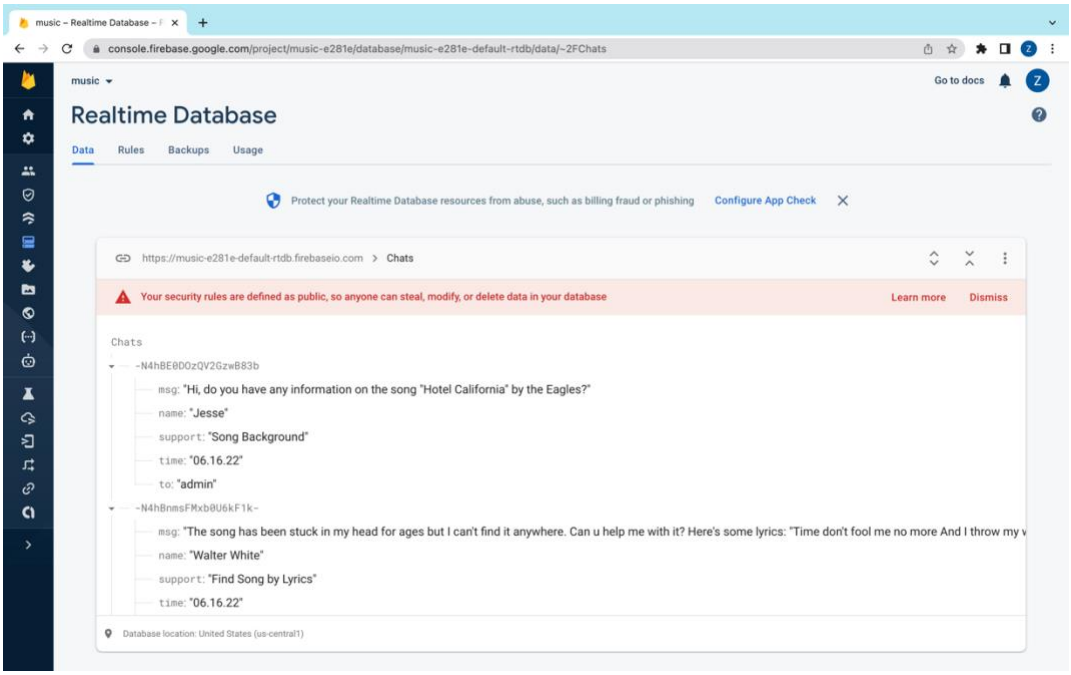
This is how the song writer table looks like. The song writer can be filtered by the song writer age.

This is how filtered one looks like

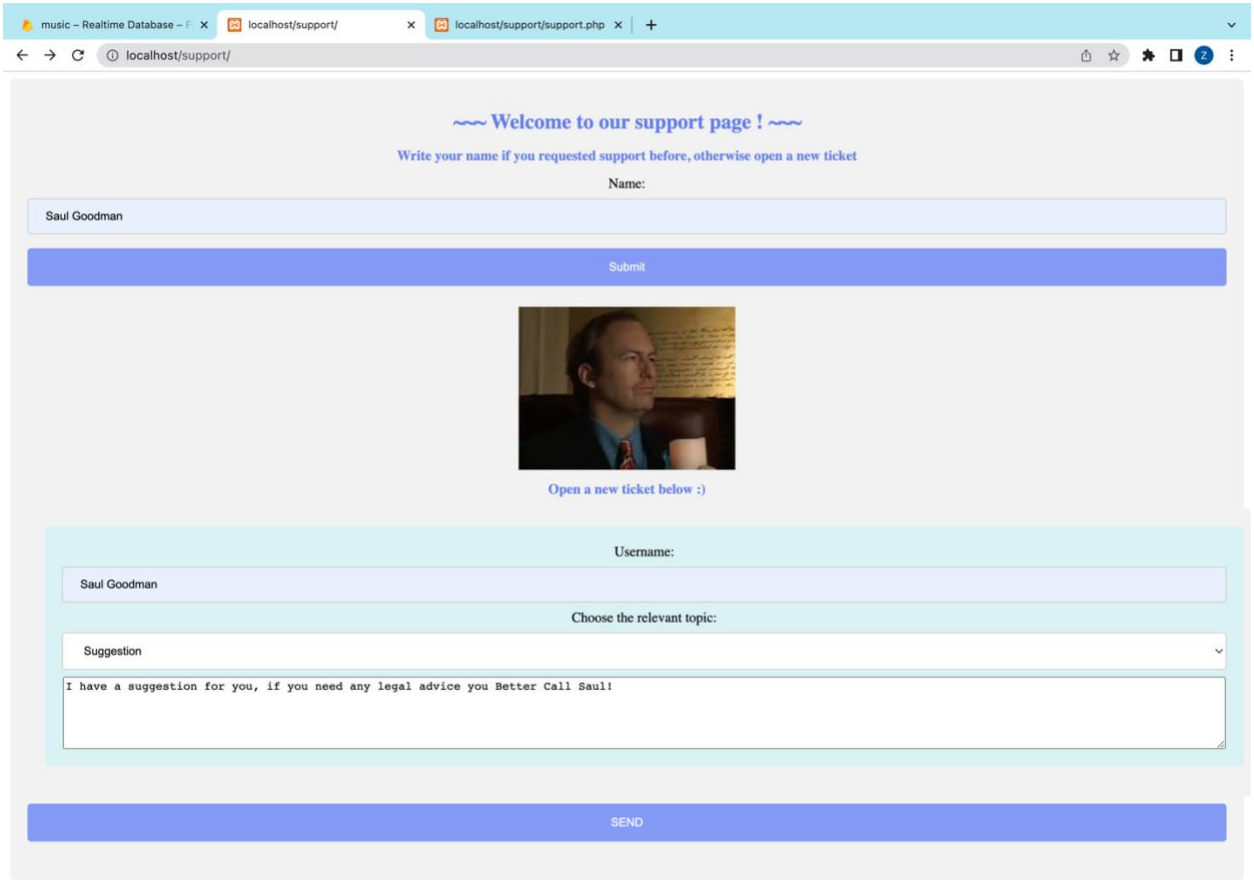
Zeynep Türkmen 29541
Şevval Karadeniz 28181
Nazlı Bıyıklı 29456

SUPPORT PAGE FOR THE MUSIC DATABASE

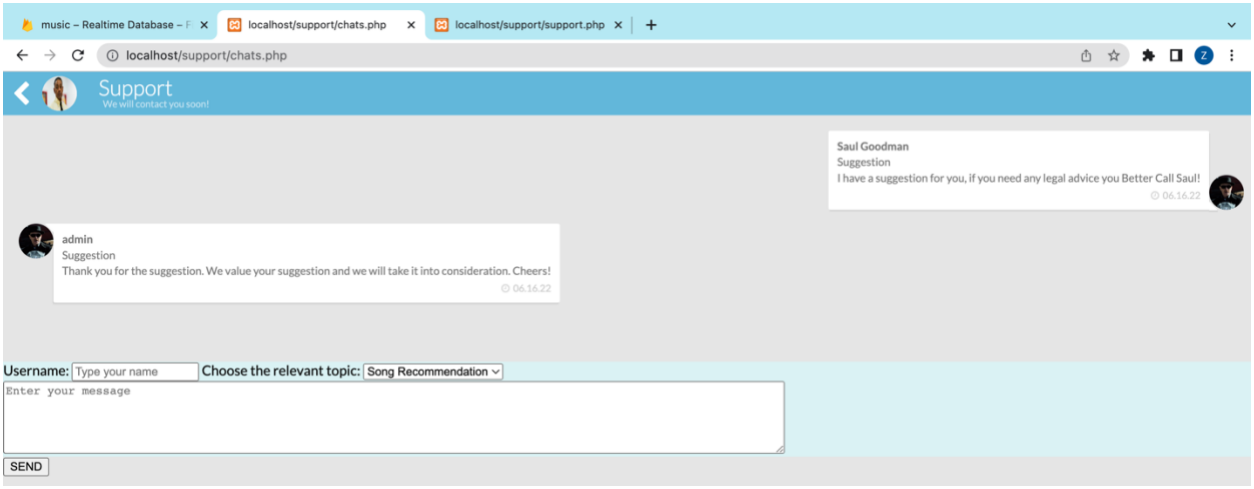
We first created a firebase cloud system to store all the data as below:



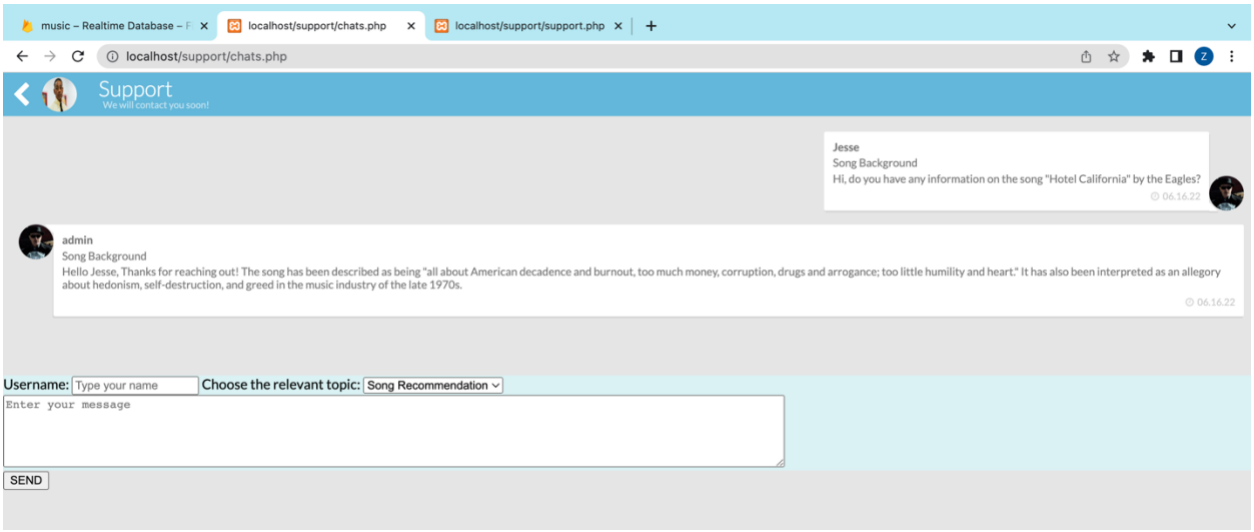
For the support pages, we first created an interface that greets the user. He can either type his name to reach to his own unique conversation with the admin or if he never opened a ticket, he can create a new one.



If the user selects to type his name only, the website directs him to his own conversation with the admin as below:



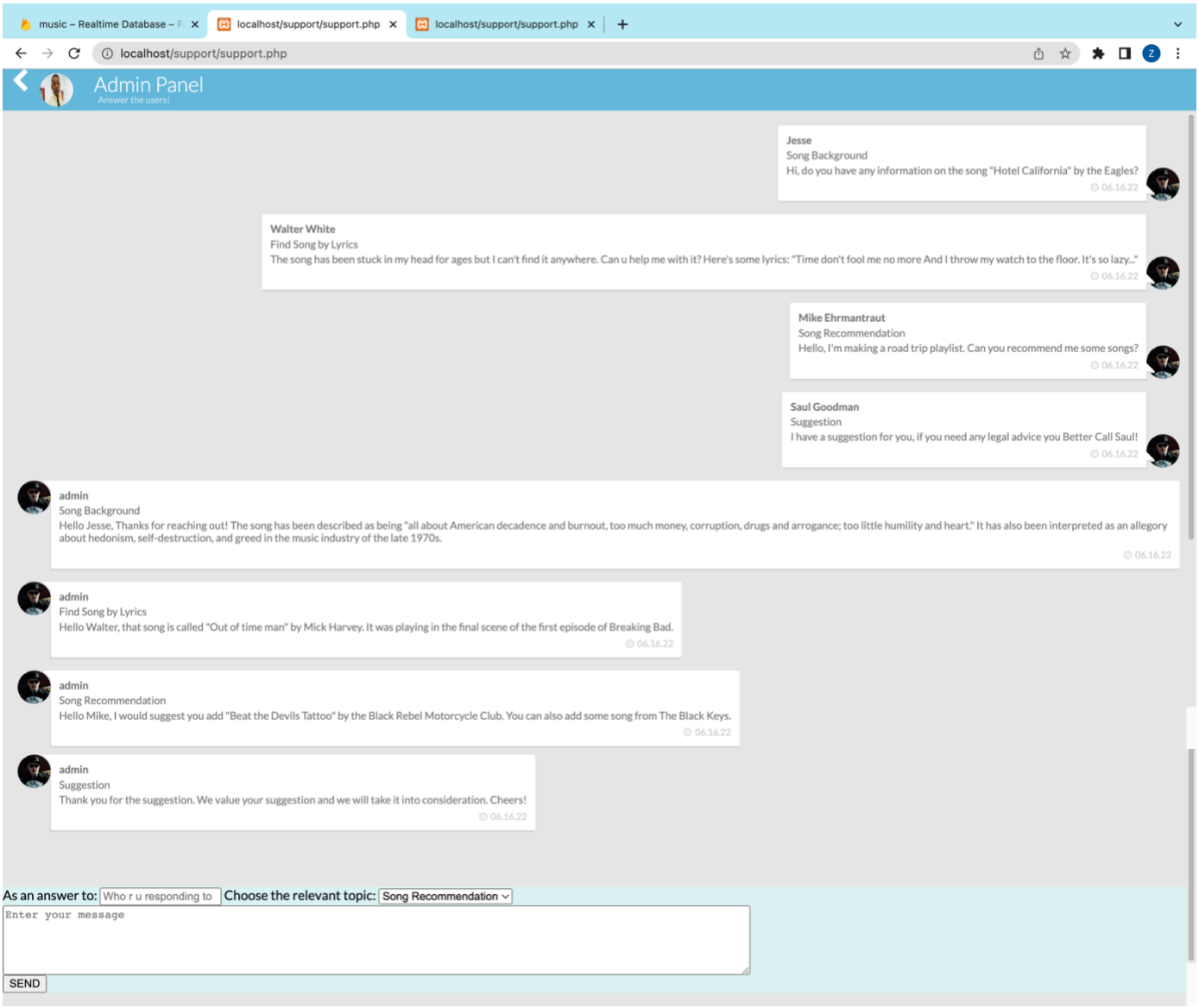
From this page, the user can also send new messages and answer the admin.



If he selects to open a new ticket, it again leads to the same page.

Admin Panel

For the admins there is a unique link localhost/support/support.php where they can see the messages from all the users.



From this page, admins can select which user they are answering to. With this no other users see the messages intended for others.