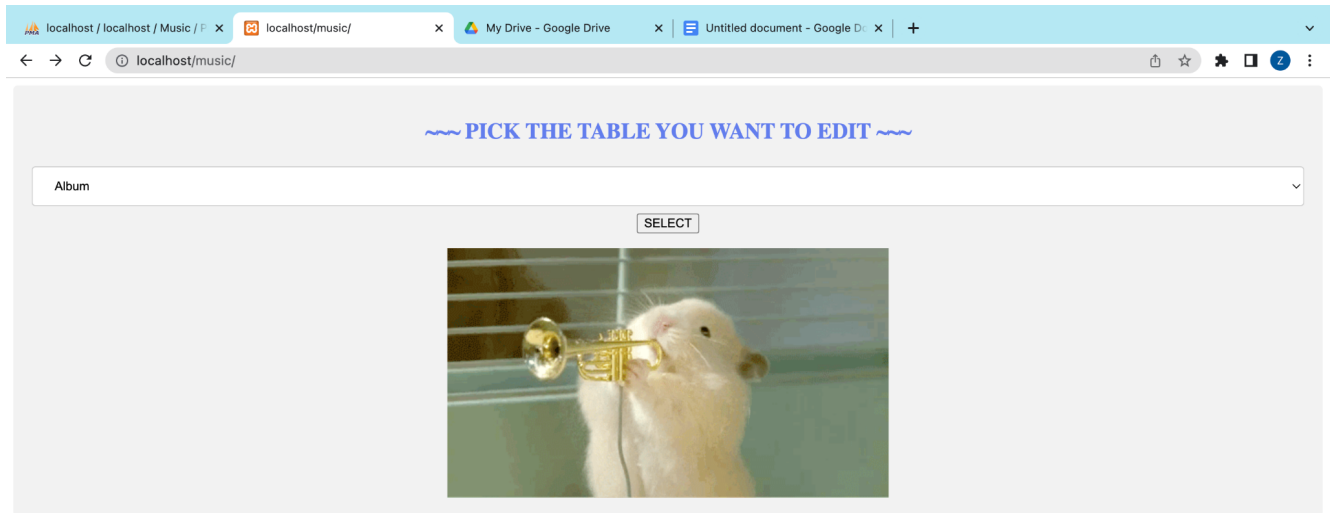


THE MUSIC DATABASE

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.

Welcome to our Music Database!

YOU ARE EDITING = Album

| Album Name | Year | Number of Songs |
|---------------------------|------|-----------------|
| The Dark Side of The Moon | 1973 | 9 |
| Sunshine of Your Love | 1969 | 12 |
| Favourite Worst Nightmare | 2007 | 12 |
| Revolver | 1966 | 14 |
| Boxer | 2007 | 12 |

Album Name:

Release Year:

Number of songs:

Submit

FILTER

DELETE

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

YOU ARE EDITING = Performs

| Artist | Song | Year |
|-----------------|--------------------|------|
| Pink Floyd | Wish You Were Here | 1995 |
| Arctic Monkeys | Do Me a Favour | 2007 |
| The Moody Blues | Melancholy Man | 1970 |

Performance Year:

Artist:

Song:

Filter the performances after the year:

1977

FILTER

Pink Floyd-Wish You Were Here-1995

DELETE

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

Welcome to our Music Database!

YOU ARE EDITING = Manager

| Manager Name | Manager Age |
|------------------|-------------|
| Princess Carolyn | 40 |
| Troy Carter | 49 |
| Zeynep Türkmen | 20 |

Manager Name:

Manager Age:

Submit

Princess Carolyn

DELETE

40

FILTER

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.

ARTIST

YOU ARE EDITING = Artist

| Stage Name | Type | Date Created |
|-----------------|------|--------------|
| Pink Floyd | band | 1964 |
| The Beatles | band | 1960 |
| Arctic Monkeys | band | 2002 |
| Frank Sinatra | solo | 1946 |
| The Moody Blues | band | 1964 |

Stage Name:

Type:

Date Created:

Submit

This is how the artist table looks like,

band

FILTER

Ella Fitzgerald

DELETE

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

YOU ARE EDITING = Instruments

| Instrument Name | Instrument Type |
|-----------------|-----------------|
| Bass Guitar | strings |
| Electric Guitar | strings |
| Piano | keyboards |

Instrument Name:

Instrument Type:

Submit

strings



FILTER

Bass Guitar



DELETE

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

Instruments Filtered by Instrument Type

IN THE TYPE = strings

| Instrument Name |
|-----------------|
| Bass Guitar |
| Electric Guitar |

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

Welcome to our Music Database!

YOU ARE EDITING = Song_Writer

| Song Writer Name | Song Writer Age |
|------------------|-----------------|
| Sia Furler | 46 |
| Bob Dylan | 81 |
| Best Writer Ever | 12 |
| Nobody | 81 |

Song Writer Name:

Song Writer Age:

Submit

46

FILTER

Sia Furler

DELETE

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

Song Writers Filtered by Song Writer Age

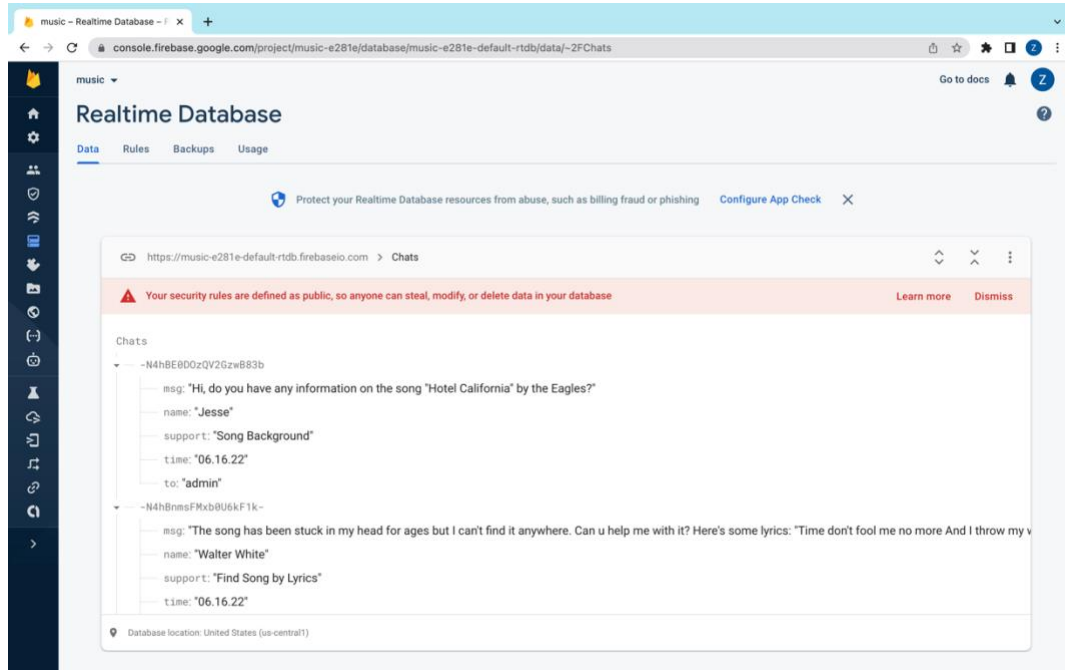
| IN THE Song Writer Age = 81 | |
|-----------------------------|--|
| Song Writer Name | |
| Bob Dylan | |
| Nobody | |

This is how filtered one looks like

Zeynep Türkmen 29541
Şevval Karadeniz 28181
Nazlı Bıyıklı 29456

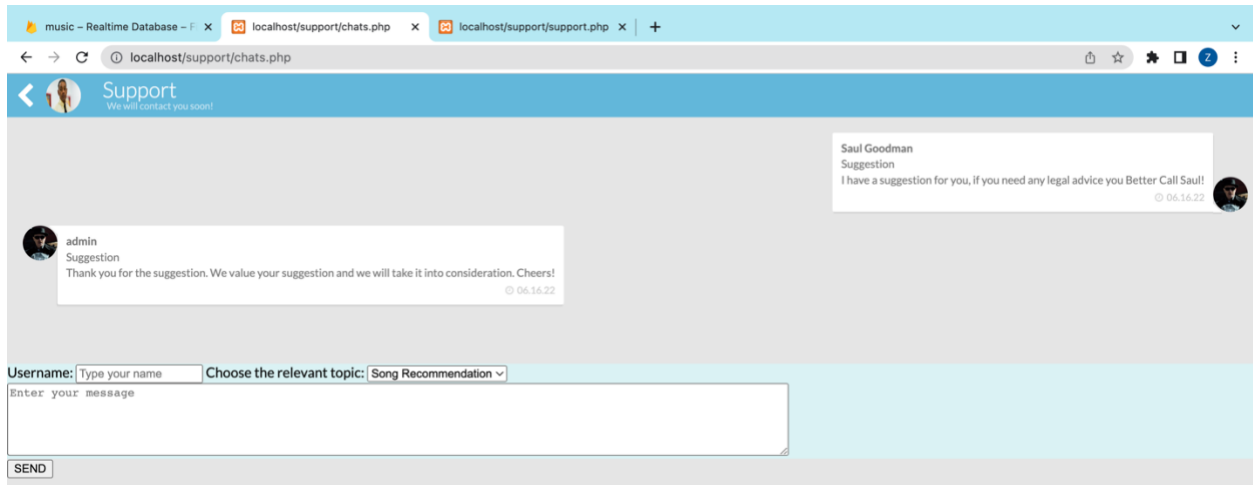
SUPPORT PAGE FOR THE MUSIC DATABASE

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

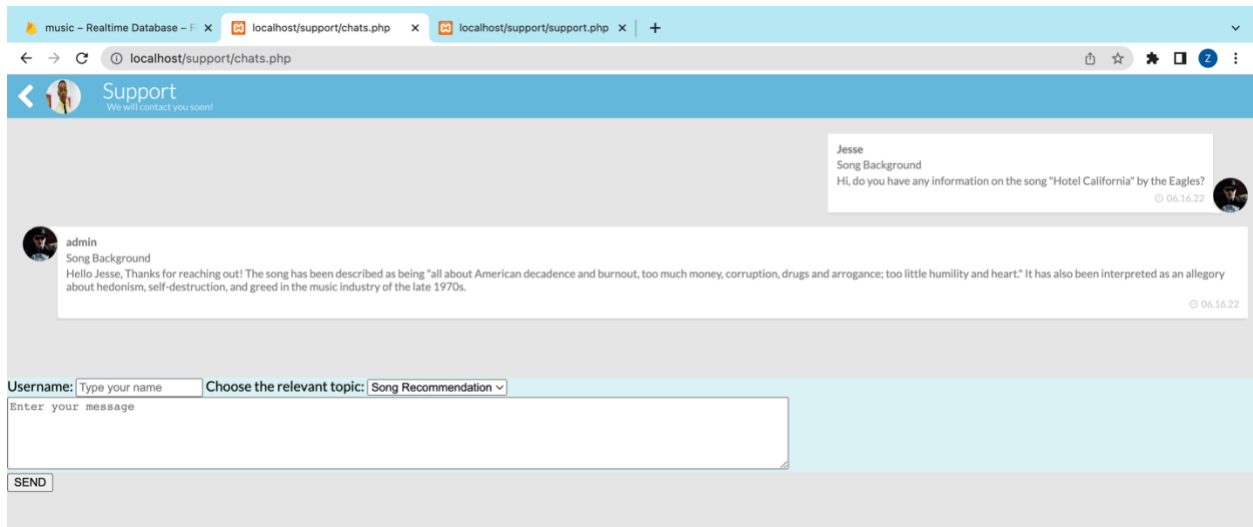


For the support pages, we first created an interface that greets the user. He can either type his name to reach to his own unique conversation with the admin or if he never opened a ticket, he can create a new one.

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.

The screenshot shows a web browser window with the URL `localhost/support/support.php`. The page has a blue header with a back arrow, a user profile icon, and the text "Admin Panel" and "Answer the users!". The main content area displays a list of messages from users, each with a profile icon, name, topic, and content. The messages are as follows:

- Jesse** (Song Background): "Hi, do you have any information on the song 'Hotel California' by the Eagles?" (06.16.22)
- Walter White** (Find Song by Lyrics): "The song has been stuck in my head for ages but I can't find it anywhere. Can u help me with it? Here's some lyrics: 'Time don't fool me no more And I throw my watch to the floor. It's so lazy...'" (06.16.22)
- Mike Ehrmantraut** (Song Recommendation): "Hello, I'm making a road trip playlist. Can you recommend me some songs?" (06.16.22)
- Saul Goodman** (Suggestion): "I have a suggestion for you, if you need any legal advice you Better Call Saul!" (06.16.22)

Below these messages, there are four admin responses, each starting with "admin" and a profile icon:

- admin** (Song Background): "Hello Jesse, Thanks for reaching out! The song has been described as being 'all about American decadence and burnout, too much money, corruption, drugs and arrogance; too little humility and heart.' It has also been interpreted as an allegory about hedonism, self-destruction, and greed in the music industry of the late 1970s." (06.16.22)
- admin** (Find Song by Lyrics): "Hello Walter, that song is called 'Out of time man' by Mick Harvey. It was playing in the final scene of the first episode of Breaking Bad." (06.16.22)
- admin** (Song Recommendation): "Hello Mike, I would suggest you add 'Beat the Devils Tattoo' by the Black Rebel Motorcycle Club. You can also add some song from The Black Keys." (06.16.22)
- admin** (Suggestion): "Thank you for the suggestion. We value your suggestion and we will take it into consideration. Cheers!" (06.16.22)

At the bottom of the page, there is a form for replying to a message. It includes a dropdown menu for "As an answer to:" with the selected value "Who r u responding to", and another dropdown menu for "Choose the relevant topic:" with the selected value "Song Recommendation". Below these is a text input field labeled "Enter your message" and a "SEND" button.

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