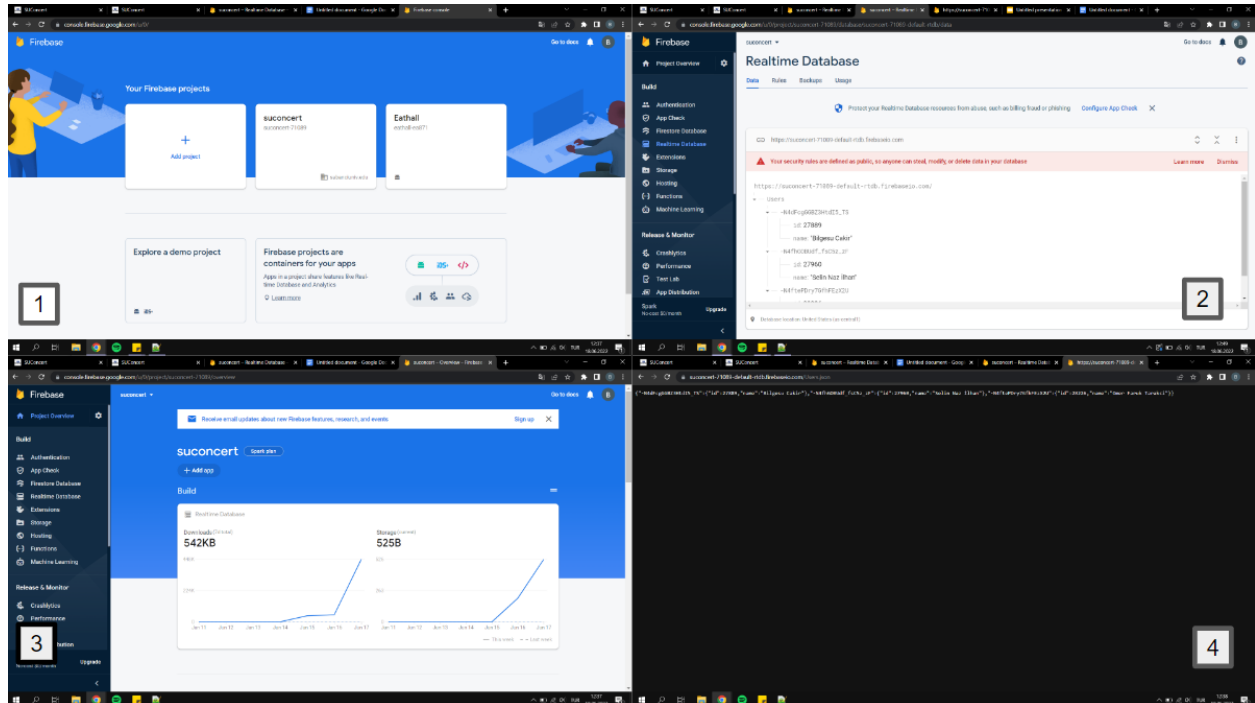


# CS306 Project Step 4

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The first step of the final part of our project was to create a firebase that stored all of the chat that will be sent in our support page. We created a “suconcert” project in firebase (1). We started using the firebase(3) for realtime database during this project step(2). First we set out to understand how json works in a firebase. We created our URL [“https://suconcert-71089-default-rtdb.firebaseio.com/”](https://suconcert-71089-default-rtdb.firebaseio.com/) and sent a demo “Users” page using rest ninja(4). Then we started out with the chat page, seeing the users page sent the data accordingly. To make sure we don’t miss any steps during this report we deleted our chats, which we will now re-implement while screenshotting the whole process.

Display information from our database

Student entries	Performer entries	Song entries	Genre entries	Stage entries	Location entries
<b>ID name surname class</b>	<b>name amount show length</b>	<b>name duration</b>		<b>name type</b>	
90003 Mr Carlo Junior	Yasli Amca 4 45	Giderdi Hosuma 223		AK Cinsler Platform	
90007 James Bond Senior	The White Buffalo 3 66	Carshio 223	<b>name</b>	Ust Cinsler Platform	<b>name type</b>
93000 Robert Denney Junior	Rold 3 50	Falen Filan 208	Alternative	Amphi Theatre Amphi	Sabanci2 University
22222 Zeynep Ozturk Freshman	Novo Norda 1 60	Beferi Yok Ustamaktan 226	EDM	Zorlu PSN Closed Stage	Kadikoy District
27839 Efe Phoenix Junior	Safic 2 45	Pus 252	Country	Vodafone Park Stadium	BenYork District
27089 Bilgesu Cakir Junior	BTS 7 135	Dynasite 199	K-Pop	IF Performancestall	Sihl District
27960 Selin Naz Ilhan Junior	Alexandra Saviar 1 195	But You 173	Techno	Yellowgarden Arena Closed Stage	Zincirlikaya District
20226 Onur Faruk Tanakci Sophomore	Tamino 1 50	Indigo Night 255		Dorock XL Performancestall	
20250 Basar Keya Sophomore	Monocle 4 106	I WANNA BE YOUR SLAVE 173		JellyJoker Closed Stage	
20372 Zeynep Ozar Junior					
90000 Jax Teller Senior					

Brought to You By:  
27889 Bilgesu Cakir  
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For help you can use [Live Chat](#)

We started by adding a Live Chat button to our database. This link is clickable and redirects us to "live\_chat.php" which we will include in the zip file during our submission. The code block for the redirection is attached below. This is added to the "main\_page.php" as can be seen from above.

```
<tr align="center">
  <td align="center">
    <table align="center" width="100%">
      <tr align="center">
        <td align="center">
          For help you can use <a href="http://localhost/suconcert/live_chat.php">Live Chat</a>
        </td>
      </tr>
    </table>
  </td>
</tr>
```

Then we go into the live chat.

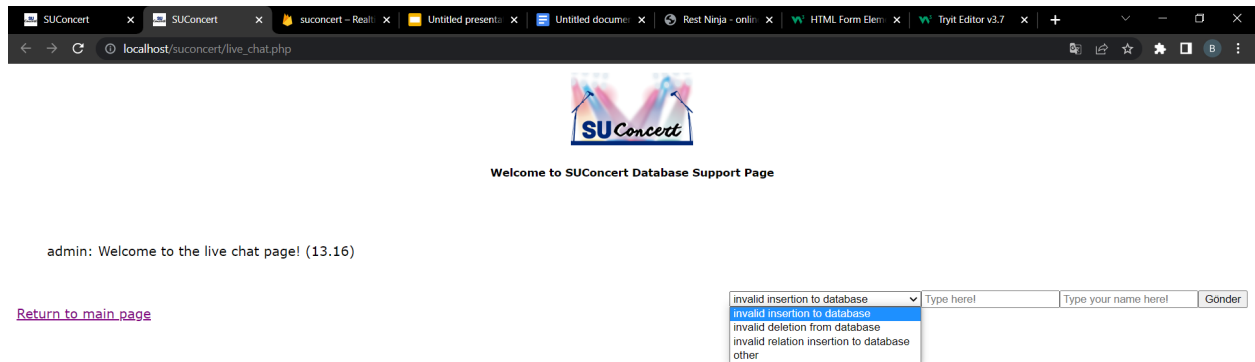
Welcome to SUConcert Database Support Page

admin: Welcome to the live chat page! (13.16)

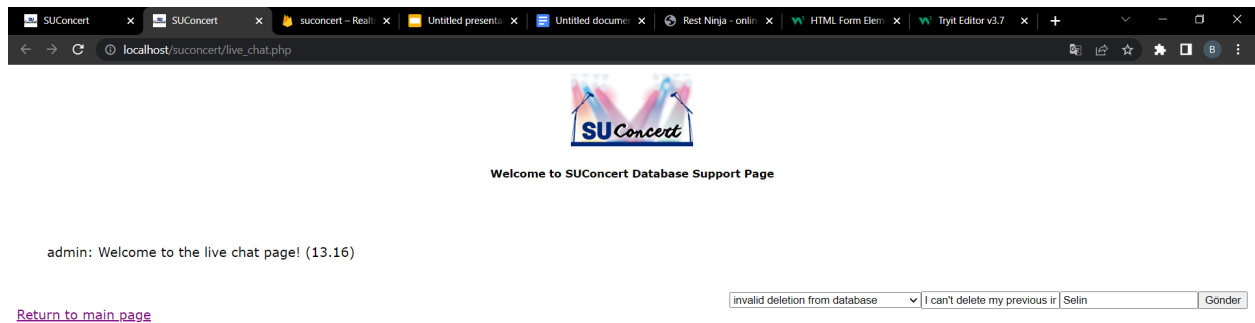
[Return to main page](#)

invalid insertion to database | Type here! | Type your name here! | Gender

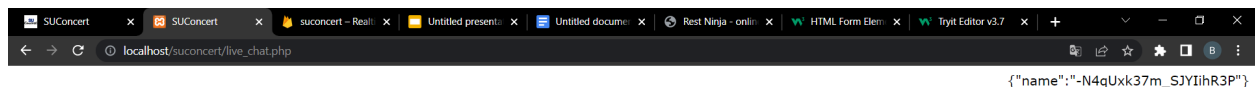
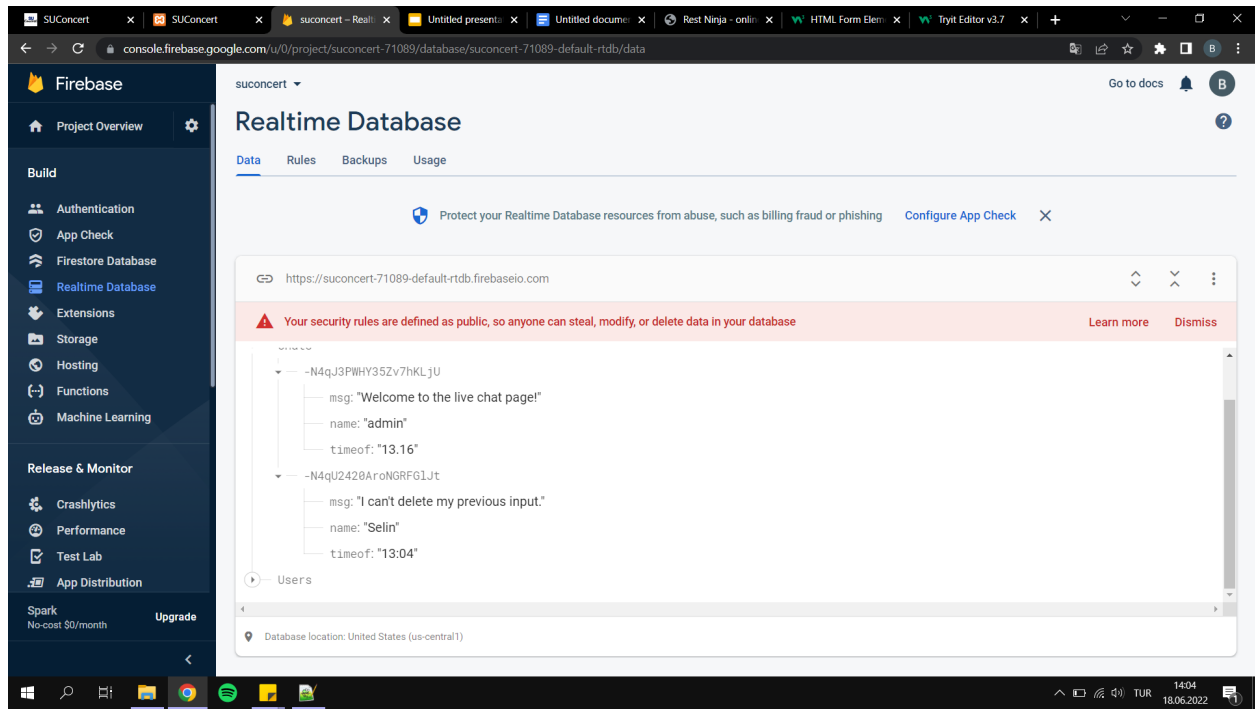
We created admin manually using rest ninja. We also eliminated rest ninja's use further on with our admin chat page, which we describe in page 6. Although admin is created with rest ninja, we send guest's messages to the database using our own database, and every guest needs to enter their own name. There's a return to main page button, and to its right, we have three boxes. The first box is the dropdown menu in order to understand why the user is currently using the live chat. The options for this dropdown can be seen below.



Let's say User Selin has a problem with the deletion function.



We see that realtime database recognizes Selin and her message, and we see in the live chat page that the messages is received.



admin: Welcome to the live chat page! (13.16)

selin: I can't delete my previous input. (13:08)

subject: invalid deletion from database

[Return to main page](#)

invalid insertion to database | Type here! | Type your name here! | Gonder



We added a line and the subject below in order to not forget what the chosen subject is about. We will now show a conversation in order to make sure our live\_chat works appropriately. Then, we will add the screenshots from our database as well as the .json file.

SUConcert

localhost/suconcert/live\_chat.php

**SUConcert**

Welcome to SUConcert Database Support Page

admin: Welcome to the live chat page! (13:16)

selin: I can't delete my previous input. (13:08)

admin: Have you made sure that you selected the right input? (14:10)

selin: yes, but it didn't redirect me to any page. (13:11)

admin: Did you see result=1? (14:11)

selin: no, i didnt. (13:12)

admin: Try deleting the value you have again, there might be a connection error. Wheny ou see result=1, you'll understand that your deletion is succesful. (14:12)

admin: You can also check the database table below to see if your deletion passed through. (14:13)

selin: Thank you so much for your help! (13:14)

[Return to main page](#)

invalid insertion to database Type here! Type your name here! Gonder

SUConcert

console.firebase.google.com/u/0/project/suconcert-71089/database/suconcert-71089-default-rtdb/data

**Firebase**

Project Overview

Build

- Authentication
- App Check
- Firestore Database
- Realtime Database
- Extensions
- Storage
- Hosting
- Functions
- Machine Learning

Release & Monitor

- Crashlytics
- Performance
- Test Lab
- App Distribution

Spark No-cost \$0/month Upgrade

suconcert

Realtime Database

Data Rules Backups Usage

Protect your Realtime Database resources from abuse, such as billing fraud or phishing. [Configure App Check](#)

https://suconcert-71089-default-rtdb.firebaseio.com

```
{
  "N4qW9C0ULFF1AZJ1L7D": {
    "msg": "Try deleting the value you have again, there might be a connection error. Wheny ou see result=1, you'll understand that your deletion is succesful.",
    "name": "admin",
    "timeof": "14:12"
  },
  "N4qWGeZvTHcSmpM305U": {
    "msg": "You can also check the database table below to see if your deletion passed through.",
    "name": "admin",
    "timeof": "14:13"
  },
  "N4qWl87ztoqM453m6Th": {
    "msg": "Thank you so much for your help!",
    "name": "selin",
    "timeof": "13:14"
  }
}
```

Database location: United States (us-central1)

```
["N4q13PMY352v7hK13U":{"msg":"Welcome to the live chat page!","name":"admin","timeof":"13:16"},{"N4qlw1vHfAdFKou3Ad":{"msg":"I can't delete my previous input.","name":"selin","timeof":"13:08"},{"N4qVXjL-K_rwKqYgk7":{"msg":"Have you made sure that you selected the right input?","name":"admin","timeof":"14:10"},{"N4qVfYG_Ulkq9XT2wY":{"msg":"yes, but it didn't redirect me to any page.","name":"selin","timeof":"13:11"},{"N4qVn35a3TYx51kP8cQ":{"msg":"Did you see result=1?","name":"admin","timeof":"14:11"},{"N4qVsgyPSNUdjGMNJM":{"msg":"no, i didnt. ","name":"selin","timeof":"13:12"},{"N4q9tb0LPP1X5ft78":{"msg":"Try deleting the value you have again, there might be a connection error. Wheny ou see result=1, you'll understand that your deletion is succesful. ","name":"admin","timeof":"14:12"},{"N4q96nZvYHc5mp809U":{"msg":"You can also check the database table below to see if your deletion passed through. ","name":"admin","timeof":"14:13"},{"N4qML87ztogM453w6Th":{"msg":"Thank you so much for your help!","name":"selin","timeof":"13:14"]}]
```

There is just one slight problem which we can't solve, which is the time stamp for the guest since it takes it's value not from our local computer but elsewhere, The timestamp is automatic, although it's stored on the firebase, we didn't want to manually change the data we received through our chat page, so we left it the way it is.

One final addition to our database live\_chat was for us admins to follow through on all the issues of the guests and users so we also created a admin chat page, where the admin responds to the questions asked by guests. This way, we eliminated the used of rest ninja totally. The screenshots for admin chat is also below.

