

StationX Admin Manual



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1 Administrator Introduction

This manual will be used to show how to use our web application as an administrator. You will be able to add, delete, or modify the database accordingly.

Please note that whatever changes you make will reflect on our web application.

2 MongoDB

You will need to have access to our database to do any sort of modifications. First, you will need to have a MongoDB account. Second, you will need to request access to our database which you should be able to do either via email or discord to our software lead, Lavani Somesan. She is the database creator so only she can add or remove people with regards to access to our application's database. When you have access to our database, click the “Browse Collections” to view our collections.

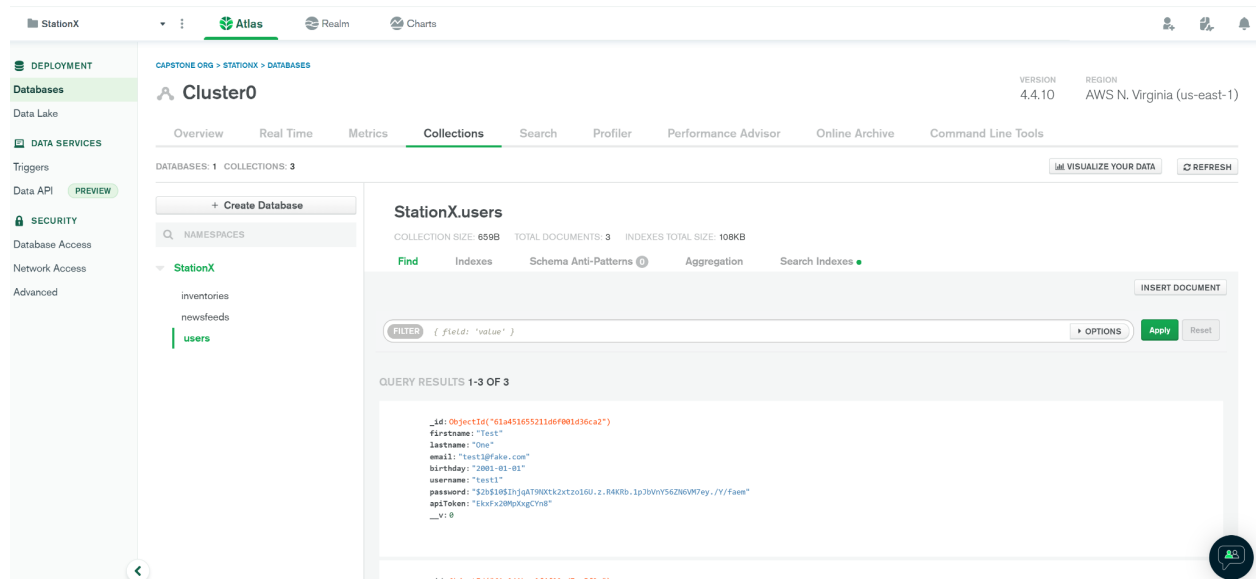


Figure 1. Screenshot of StationX Database on MongoDB

3 Administrator Responsibilities

3.1 Users

On MongoDB, in the collections section for our database, there should be a users collection. In this collection, you can view, modify, add, or delete user objects. Please note, that with user information it should be kept private and no modifications should be made unless requested to do so. We uphold our users' privacy and their information so do not handle their data with no integrity.

3.1.1 Adding Users

You may add users by creating an account via our web application. You can also add a user directly to the users collection on MongoDB, however, it is not recommended to do this since it will not work. Our web application hashes the password and stores it in the users collection. You cannot replicate this hash, so if you add a new user on MongoDB and try to login using this user's credentials it will fail.

Create StationX Account

First Name:

Last Name:

Email:

Birthday:

Username:

Password:

[Sign Up](#)

[Already Have An Account?](#)

[Login](#)

Figure 2. Screenshot of Create an Account Page on our Web Application

3.1.2 Deleting Users

You may delete a user by directly deleting them off of the database. To do this, you will need to navigate to the users collection on MongoDB for our web application. You will then navigate to the user you wish to delete. Please note, this is a permanent deletion and the data you delete cannot be recovered. Click the trash can icon on the object you wish to delete and then select delete. This will permanently remove the object from the database.

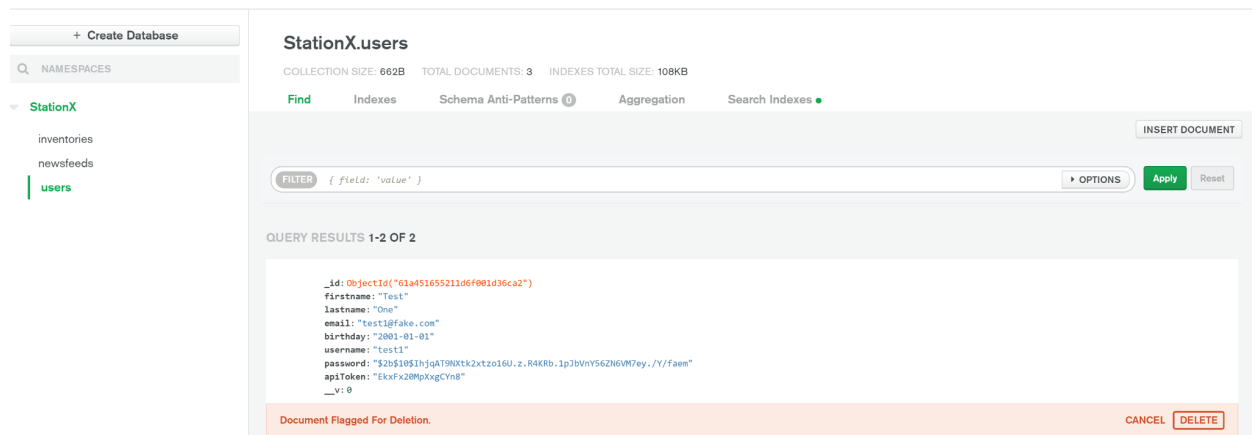


Figure 3. Screenshot of Deleting Test1 user

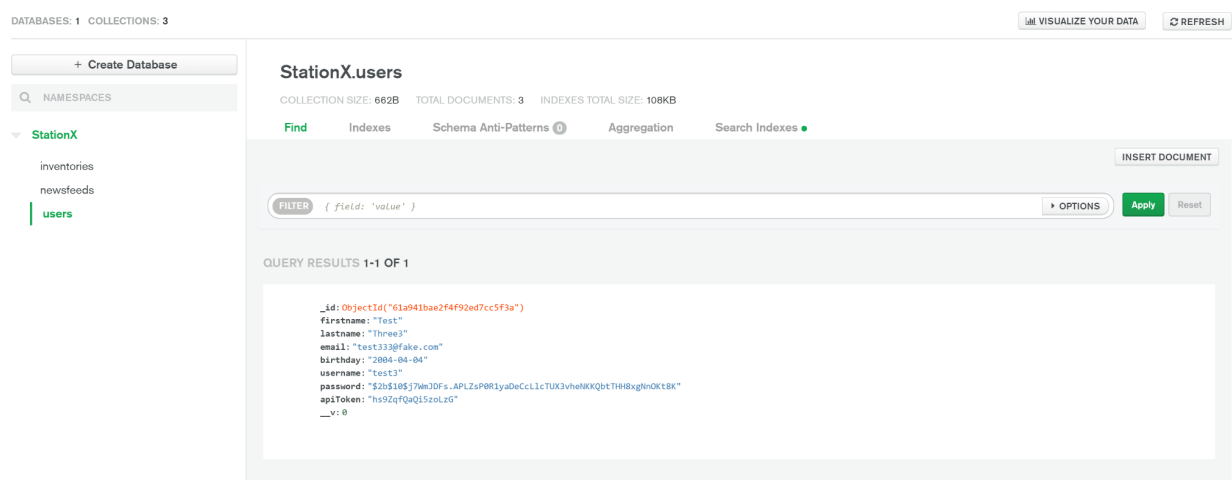


Figure 4. Screenshot of Test1 deleted, now only Test3 user remains

3.1.3 Modifying Users

You may modify a user's data directly on our database. To do this, you will need to navigate to the users collection on MongoDB for our web application. You will then navigate to the user you wish to modify. Please note, do not modify user's data unless requested or given permission. Click the pencil icon called "Edit document" which will let you edit the user object. Select the field you want to edit and enter in the change.

Please note, our fields have limitations i.e.

- firstname and lastname can only be a minimum of 2 characters and a maximum of 50 characters.
- The email address has a max of 70 characters and should be in the format of an email address.
- The username has a minimum length of 2 characters and a maximum length of 12 characters.
- The password has a minimum length of 8 characters and a maximum length of 30 characters (Do not change the password otherwise the encryption will not work).
- The birthday needs to be in the format yyyy/mm/dd. Both the email address and the username have to be unique, you cannot use another user's username or email address.

Click the "update" button to save the changes you have made.

QUERY RESULTS 1-1 OF 1

1	_id: ObjectId("61a941bae2f4f92ed7cc5f3a")	ObjectId
2	firstname: "Test" ✓	String
3	lastname: "Three3" ✓	String
4	email: "test333@fake.com" ✓	String
5	birthday: "2004-04-04" ✓	String
6	username: "test3" ✓	String
7	password: "\$2b\$10\$j7WmJDFs.APLZsP0R1yaDeCcL1cTUX3vheNKKQbtTHH8xgNnOKt8K" ✓	String
8	apiToken: "hs9ZqfQaQ15zoLzG" ✓	String
9	__v: 0	Int32

CANCEL UPDATE

Figure 5. Screenshot of Test3's email being modified

QUERY RESULTS 1-1 OF 1

```

_id: ObjectId("61a941bae2f4f92ed7cc5f3a")
firstname: "Test"
lastname: "Three3"
email: "test3@fake.com"
birthday: "2004-04-04"
username: "test3"
password: "$2b$10$j7WmJDFs.APLZsP0R1yaDeCcL1cTUX3vheNKKQbtTHH8xgNnOKt8K"
apiToken: "hs9ZqfQaQ15zoLzG"
__v: 0

```

Figure 6. Screenshot of Test3's email modified

3.2 Inventories

On MongoDB, in the collections section for our database, there should be an Inventories Collection. In this collection, you can view, modify, add, or delete inventory objects. Please note that some changes that can be made can be permanent.

3.1.1 Adding Inventory

You may add inventory directly through our database. To do this, you will need to navigate to the Inventories Collection on MongoDB for our web application. Click the Insert Document button to add a new inventory object. When adding a new object, you must make sure you are adding the same fields exactly as they are (case sensitive). There is, title, category, description, imageURL, numInStock, price, brand, and favorite.

- title field: Name of the games/merch you are adding in. Click insert once you are done.
- category field: Should either be entered as “games” or “merchandise” depending on what you are adding in.
- description field: The description of the game/merch you are adding in.
- imageURL field: The URL of the image you want to use for the game/merch
- numInStock field: The number of stock of the game/merch
- price field: The price of the game/merch
- brand field: The brand of the game/merch, if you don’t know put “Other”
- favorite field: Enter in either “Yes” or “No” if the game/merch is popular

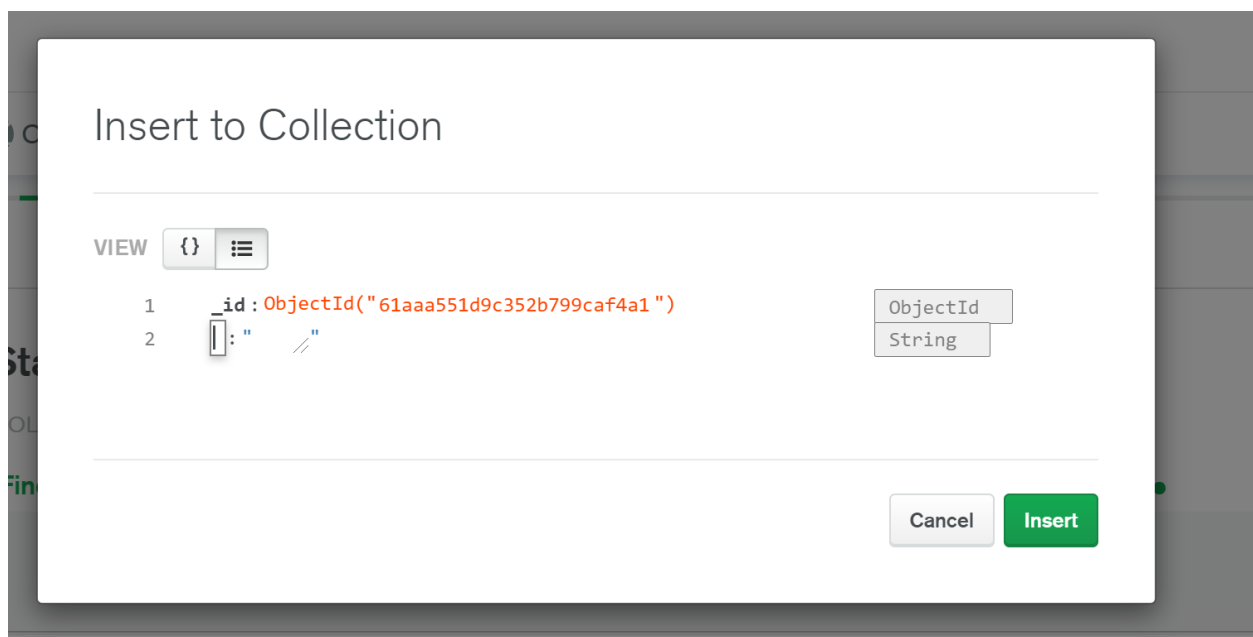


Figure 7. Screenshot Clicking Insert Button on Inventories Collection


```
_id: ObjectId("6196948ed6ac579ccd6e6843")
title: "Metroid Dread"
category: "games"
description: "Join intergalactic bounty hunter Samus Aran in her first new 2D Metroid..."
imageUrl: "data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAQABAAQ/2wCEAAKGBxMSEHUSEXN..."
numInStock: 8
price: 50
brand: "Nintendo"
favorite: "Yes"
```

Figure 8. Screenshot Inventory Object Inserted into Collection

3.2.2 Deleting Inventory

You may delete an inventory object by directly deleting them off of the database. To do this, you will need to navigate to the Inventories Collection on MongoDB for our web application. You will then navigate to the inventory you wish to delete. Please note, this is a permanent deletion and the data you delete cannot be recovered. Click the trash can icon on the object you wish to delete and then select delete. This will permanently remove the object from the database.

3.1.3 Modifying Inventory

You may modify inventory data directly on our database. To do this, you will need to navigate to the Inventories Collection on MongoDB for our web application. You will then navigate to the inventory object you wish to modify. Click the pencil icon called “Edit document” which will allow you to edit the object. Please note that the category field can either be “games” or “merchandise” and the favorite field can only be “Yes” or “No”. Edit the object accordingly and then hit the update button to save the changes.



Figure 9. Screenshot Inventory Object Being Modified



Figure 10. Screenshot Inventory Object, numInStock and price Modified

3.3 Newsfeed

On MongoDB, in the collections section for our database, there should be a Newsfeeds Collection. In this collection, you can view, modify, add, or delete newsfeed objects. Please note that some changes that can be made can be permanent.

3.1.1 Adding NewsFeed

You may add news feeds directly through our database. To do this, you will need to navigate to the newsfeeds collection on MongoDB for our web application. Click the Insert Document button to add a new newsfeeds object. When adding a new object, you must make sure you are adding the same fields exactly as they are (case sensitive). There is, title, startDate, endDate, content, and imageURL. Click insert once you are done.

- title field: Name of the news article you are adding in.

- startDate field: The date the news article is posted/published
- endDate field: Can be a zero if there is no end date or the last date the article will be posted/published
- content field: The content the article will contain.
- imageURL field: The URL of the image you want to use for the news article.

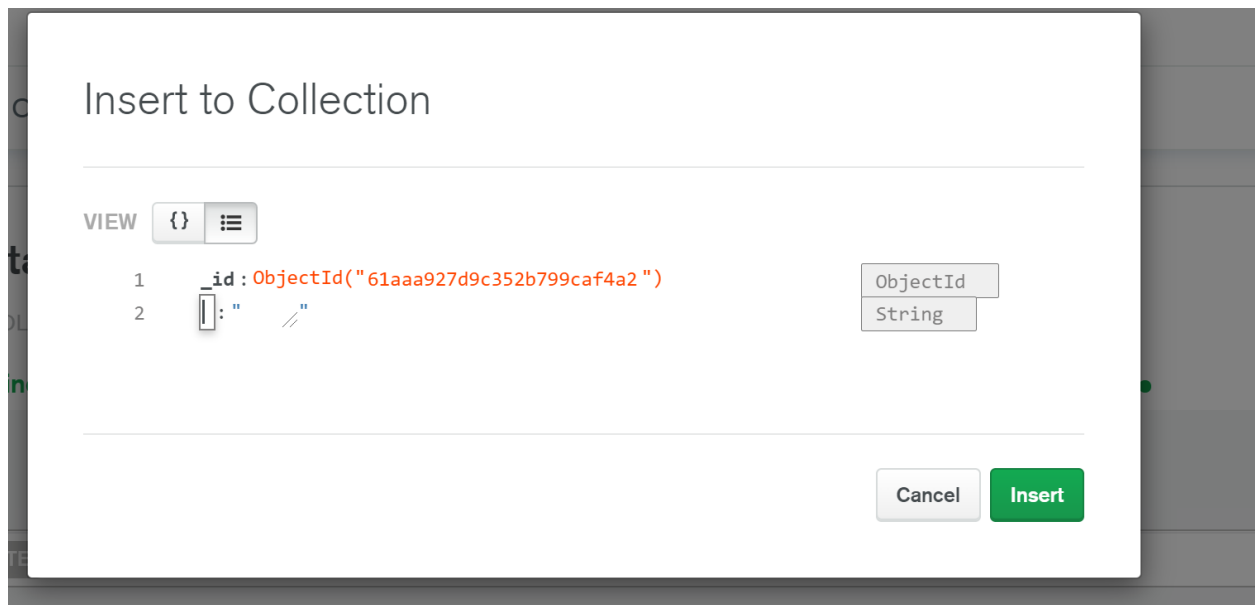


Figure 11. Screenshot Clicking Insert Button on NewsFeeds Collection



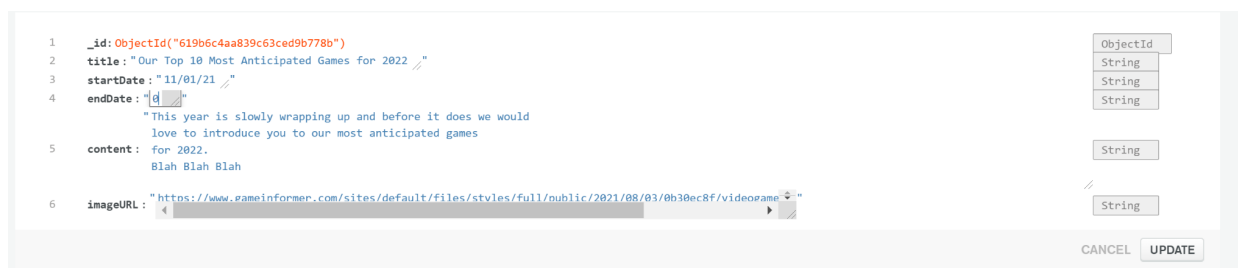
Figure 12. Screenshot NewsFeed Object Inserted into Collection

3.2.2 Deleting NewsFeed

You may delete an newsfeed object by directly deleting them off of the database. To do this, you will need to navigate to the newsfeeds collection on MongoDB for our web application. You will then navigate to the inventory you wish to delete. Please note, this is a permanent deletion and the data you delete cannot be recovered. Click the trash can icon on the object you wish to delete and then select delete. This will permanently remove the object from the database.

3.1.3 Modifying Inventory

You may modify news feed data directly on our database. To do this, you will need to navigate to the newsfeeds collection on MongoDB for our web application. You will then navigate to the newsfeed object you wish to modify. Click the pencil icon called “Edit document” which will allow you to edit the object. Edit the object accordingly and then hit the update button to save the changes.



The screenshot shows a MongoDB document editor interface. On the left, a JSON document is displayed with line numbers 1 through 6. The document contains fields: `_id` (ObjectId), `title` (string), `startDate` (date), `endDate` (date), `content` (string), and `imageUrl` (string). The `content` field is currently selected. On the right, a form allows editing each field. The `_id` field is an `ObjectId` type, while the others are `String` types. At the bottom right, there are `CANCEL` and `UPDATE` buttons.

```
1  _id: ObjectId("619b6c4aa839c63ced9b778b")
2  title: "Our Top 10 Most Anticipated Games for 2022"
3  startDate: "11/01/21"
4  endDate: "11/01/21"
   "This year is slowly wrapping up and before it does we would
   love to introduce you to our most anticipated games
5  content: "for 2022.
   Blah Blah Blah"
6  imageUrl: "https://www.gameinformer.com/sites/default/files/styles/full/public/2021/08/03/0b30ec8f/video-game"
```

Figure 13. Screenshot NewsFeed Object Being Modified

```
_id: ObjectId("619b6c4aa839c63ced9b778b")
title: "Our Top 10 Most Anticipated Games for 2022"
startDate: "11/01/21"
endDate: "12/12/21"
content: "This year is slowly wrapping up and before it does we would
love to in..."
imageUrl: "https://www.gameinformer.com/sites/default/files/styles/full/public/20..."
```

Figure 14. Screenshot NewsFeed Object's endDate being Modified