

# Marig-On Inventory System Output & Report Design

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## What is Marig-On?

This is an **inventory system** that is suited for small businesses, particularly for businesses involved in the buying and selling of, but not limited to, collectibles such as **Funko Pop**.

## Installation Guide

There are two ways of using this program. Both would require installing the it to a local machine. However, the client may choose to use either a **Local Server** or a **Cloud Service** for their database. Both options use **MongoDB** as the database.

### Local Connection (Community Server)

**Step 1:** Download and install **MongoDB Compass**.

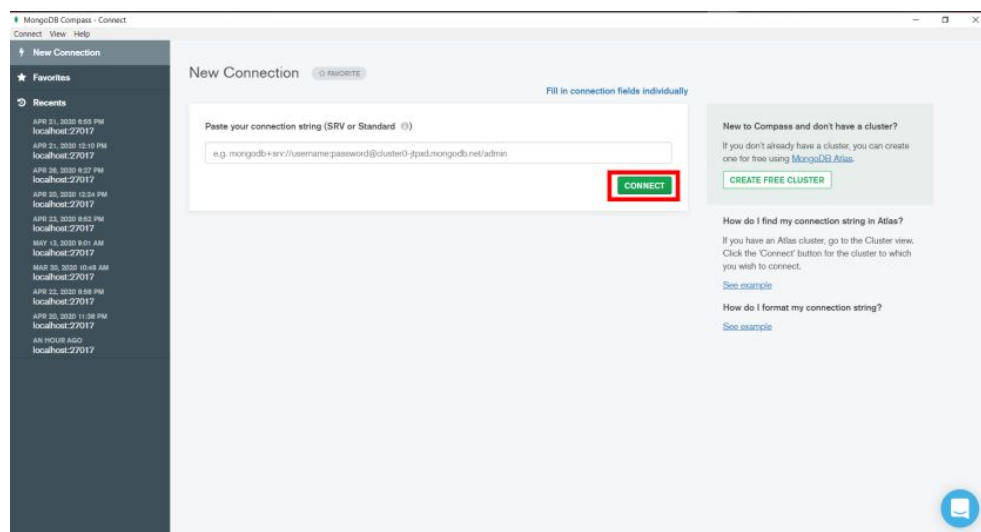
- <https://www.mongodb.com/download-center/community>

**Step 2:** Download and install **XAMPP**.

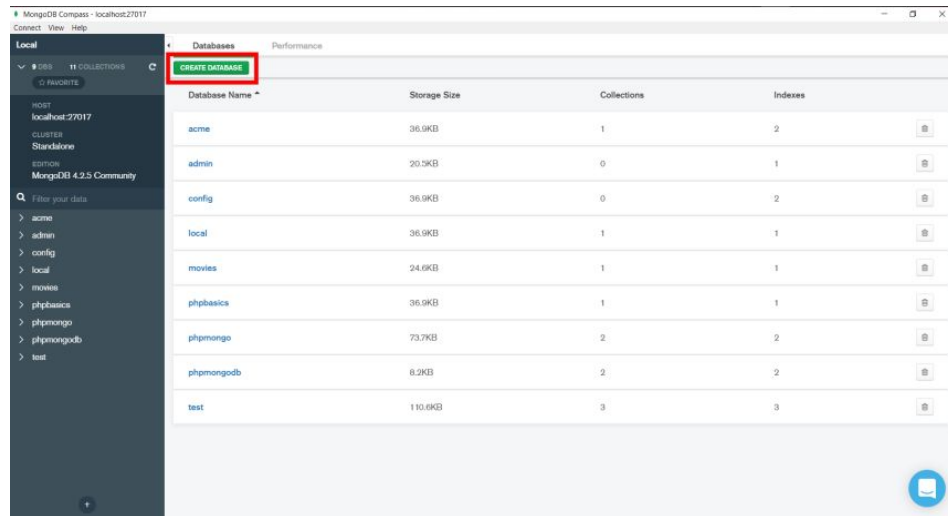
- <https://www.apachefriends.org/index.html>

**Note:** Make sure your system is compatible.

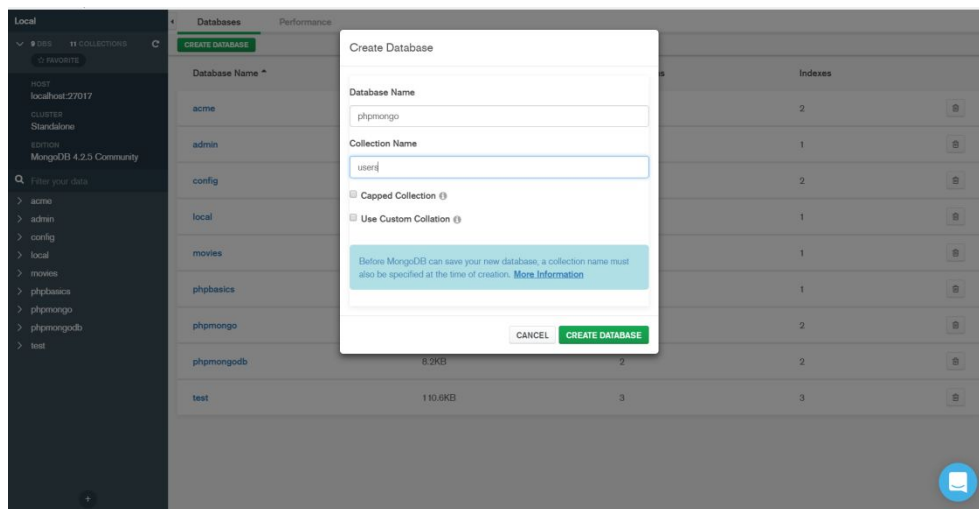
**Step 3:** Open **MongoDB Compass** and click **CONNECT**.



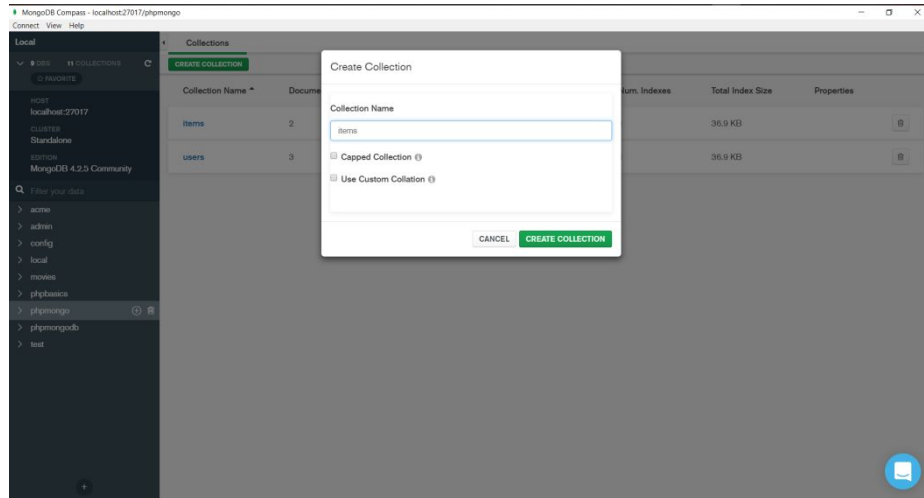
Step 4: Click **CREATE DATABASE**.



Step 5: Set the **Database** name to `phpmongo` and the **Collection** name to `users`.



**Step 6:** Add another collection named `items`.



**Step7:** Set up user accounts. An account requires a username, password and access level. See access level capabilities below.

access_level	Access Type	Capabilities
0	guest	View
1	user	View & Add
2	admin	View, Add, Delete, Edit

**Table 1.** Access levels and their corresponding capabilities

access_level	Access Type	Accessible Item Properties
0	guest	_ID, Name, Series
1	user	+ Quantity
2	admin	+ Trend, Created At, Updated At, Updated By, Actions (Modify & Delete)

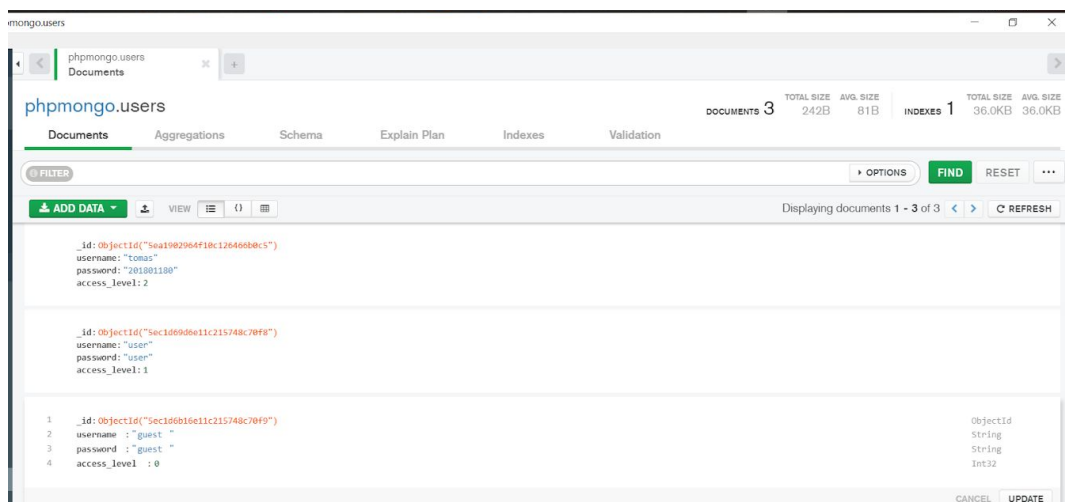
**Table 2.** Access levels and their Accessible Item Properties

**Step8:** Click **ADD DATA** and choose **Insert Document**.

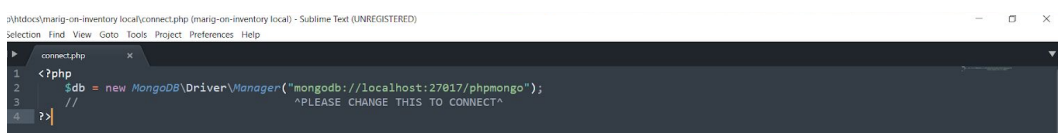
**Note:** These are case sensitive. Please follow the format below to avoid potential errors.

Field	Type	Description
_id	ObjectId	Auto-generated
username	String	Your username
password	String	Your password
access_level	Number	Your access level

**Table 3.** Account fields with their respective type and description.

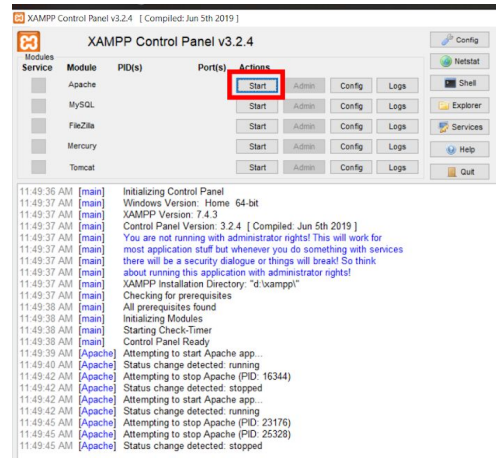


**Step9:** Go to the Marig-On Inventory and open **connect.php**. Make sure it has the same connection.



**phpmongo:** the name of the database from step 5

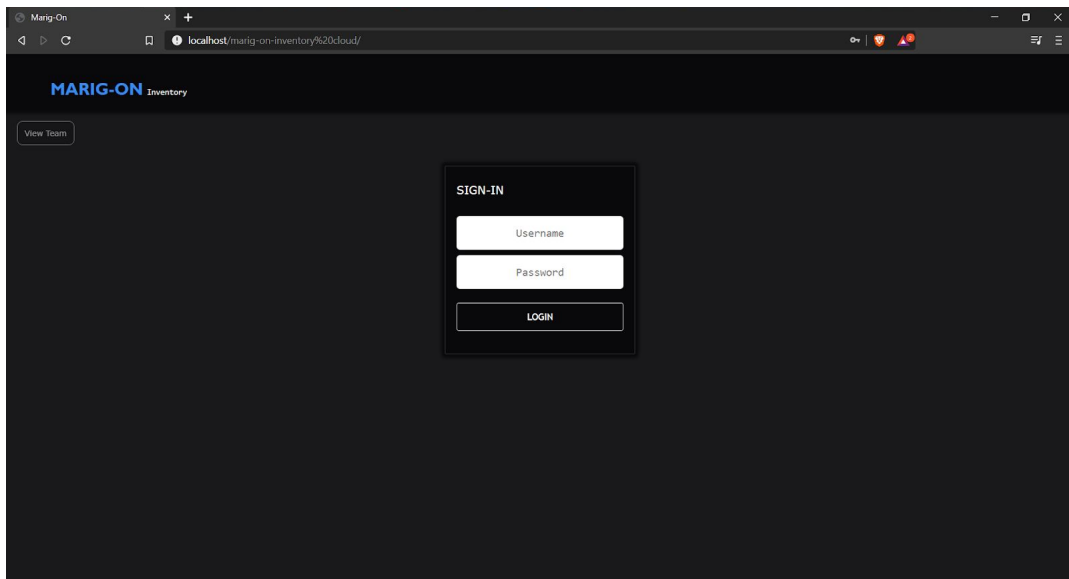
**Step10:** Open **XAMPP** and click **START** on the Apache side.



**Step11:** Open your internet browser and enter **localhost** on the address bar.



**Step12:** Choose the **Marig-On Inventory** folder, and you'll be directed immediately to the program.



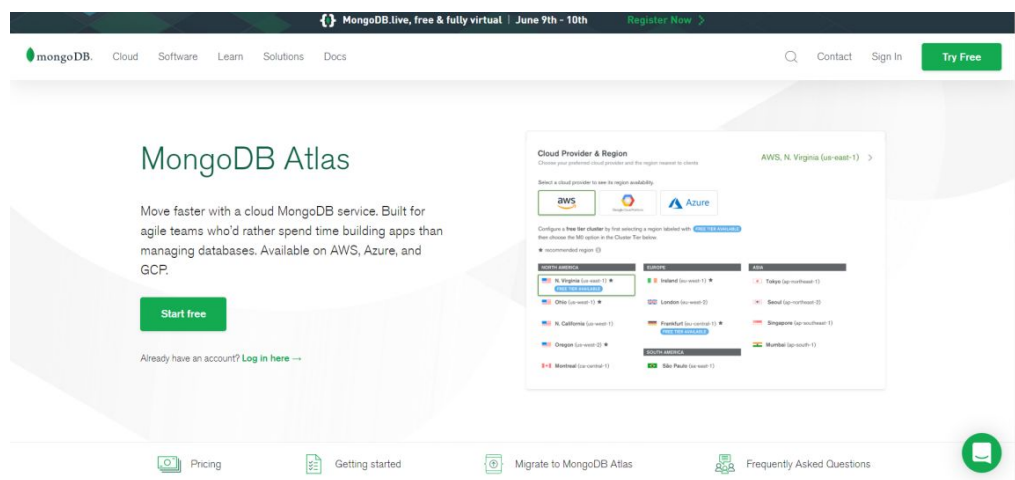
## Cloud (MongoDB Atlas)

**Note:** The instructions are somewhat similar with the local connection, but you must first make a MongoDB Atlas free Account.

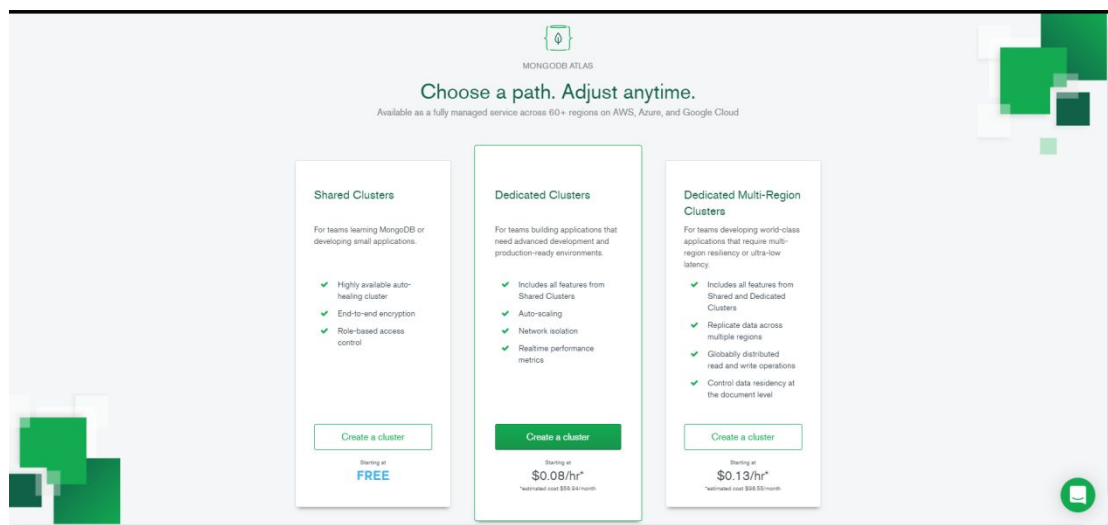
### Step1: Register to MongoDB Atlas.

- <https://www.mongodb.com/cloud/atlas>

**Note:** Remember your credentials.



### Step2: Choose a cluster plan.








## Step3: Choose your cloud provider and region








Create a Starter Cluster

Welcome to MongoDB Atlas! We've recommended some of our most popular options, but feel free to customize your cluster to your needs. For more information, check our [documentation](#).

Cloud Provider & Region AWS, N. Virginia (us-east-1) ▾

★ Recommended region ⓘ

NORTH AMERICA	EUROPE	ASIA
		
		
<b>AUSTRALIA</b>		
		

Cluster Tier M0 Sandbox (Shared RAM, 512 MB Storage) Encrypted >

Additional Settings MongoDB 4.2, No Backup >

**FREE** Free tiered M0 cluster is ideal for experimenting in a limited sandbox. You can upgrade to a production cluster anytime. [Back](#) [Create Cluster](#)

## Step4: Proceed to create cluster and name it.

Lyndon Ellison's Org ... Access Manager Support Billing See Product Tour All Clusters Lyndon Ellison ▾

Project 0 Atlas Stitch Charts 🔍 📄 🔔

**DATA STORAGE**

**Clusters** Build a New Cluster

Find a cluster

MongoDB Atlas Search makes it easy to build simple, integrated search capabilities on top of your data in the cloud. [Try the Data New!](#)

**ma/g-on-inventory-system**  
Version 4.2.6

[CONNECT](#) [METRICS](#) [COLLECTIONS](#) [...](#)

**CLUSTER TIER**  
M0 Sandbox (General)

**REGION**  
AWS: Singapore (ap-southeast-1)

**TYPE**  
Replica Set - 3 nodes

**LINKED STITCH APP**  
None Linked

Operations: R: 0 W: 0 0.00/s

Logical Size: 0.0 B 512.0 MB max

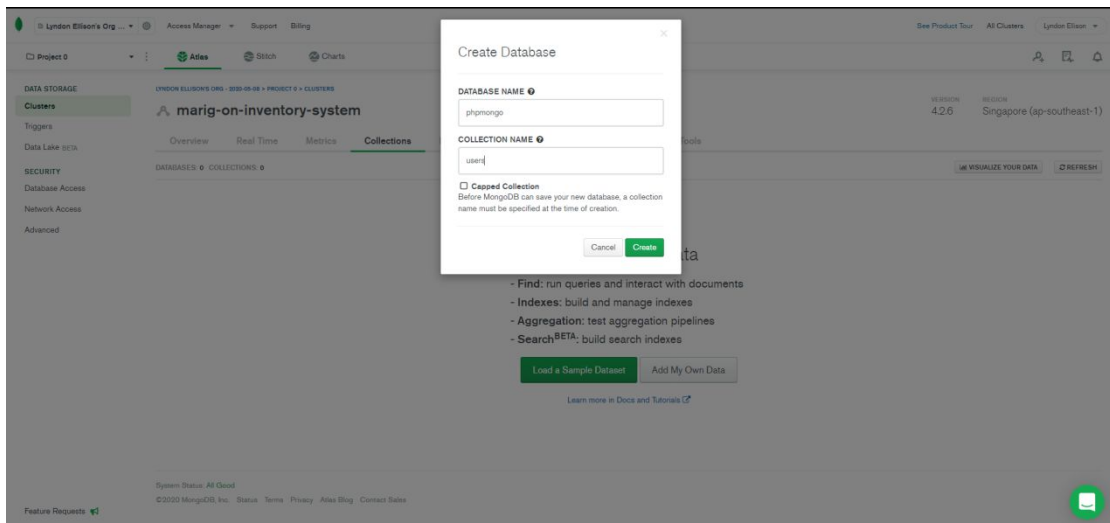
Connections: 0 500 max

Enhance Your Experience  
For dedicated throughput, richer metrics and enterprise security options, upgrade your cluster now! [Upgrade](#)

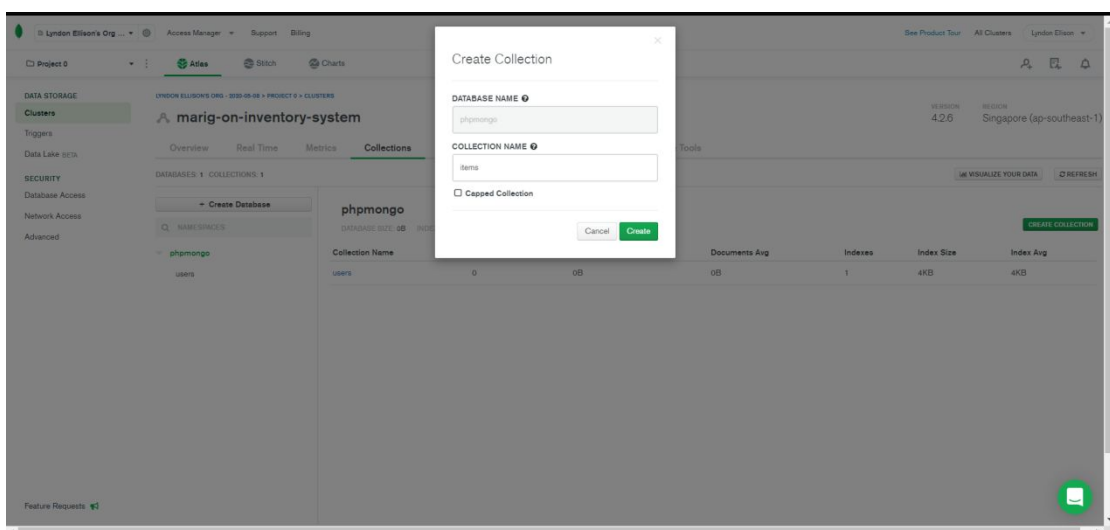
System Status: All Good  
©2020 MongoDB, Inc. [Status](#) [Terms](#) [Privacy](#) [Atlas Blog](#) [Contact Sales](#)

Feature Requests

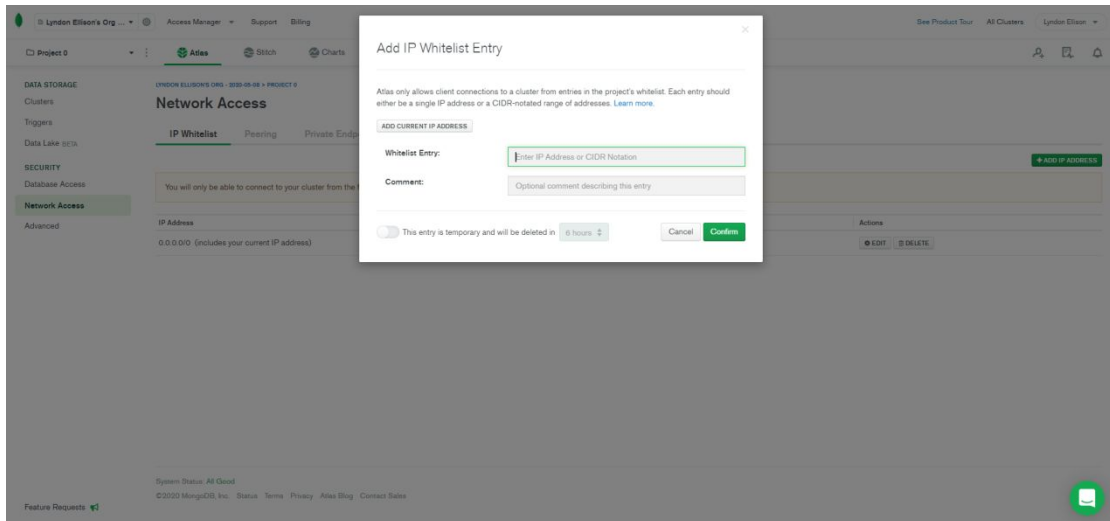
**Step5:** Create a database named `phpmongo` and create a collection named `users`.



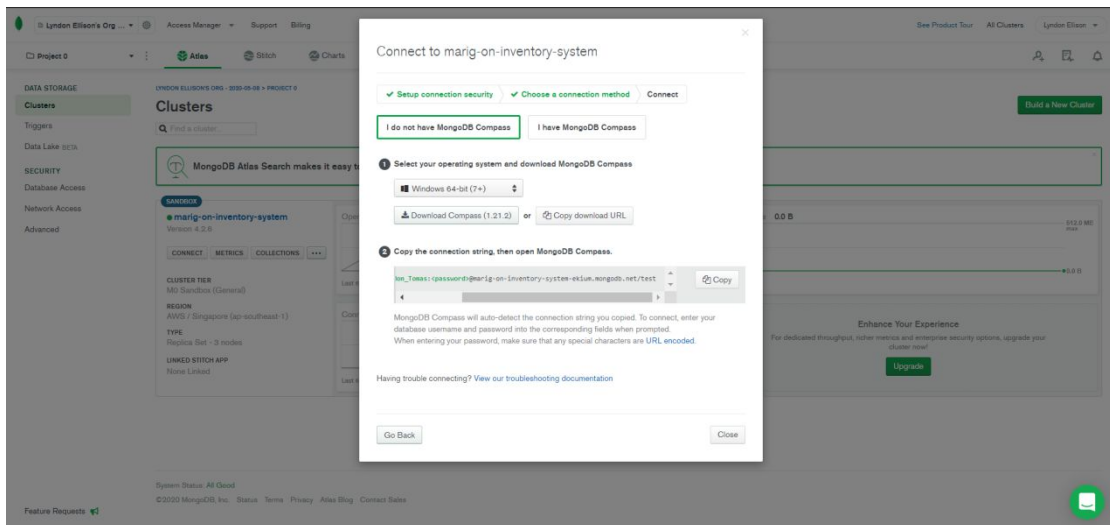
**Step6:** Create a collection, along with `users`, named `items`.



**Step7:** In the **Network Access**, whitelist your IP address.



**Step8:** In the **Clusters** section, click the `connect` button to check for the connection string.

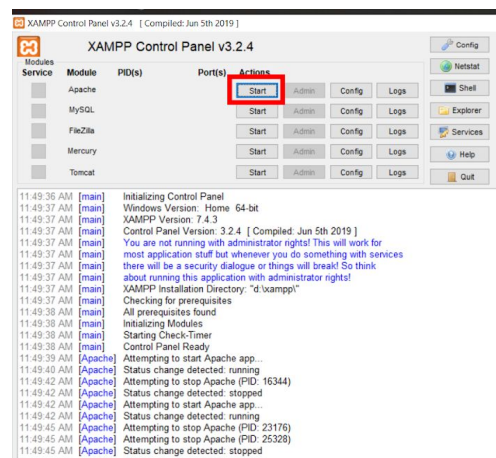


**Step9:** Copy the connection string and change the string inside the `connect.php`.

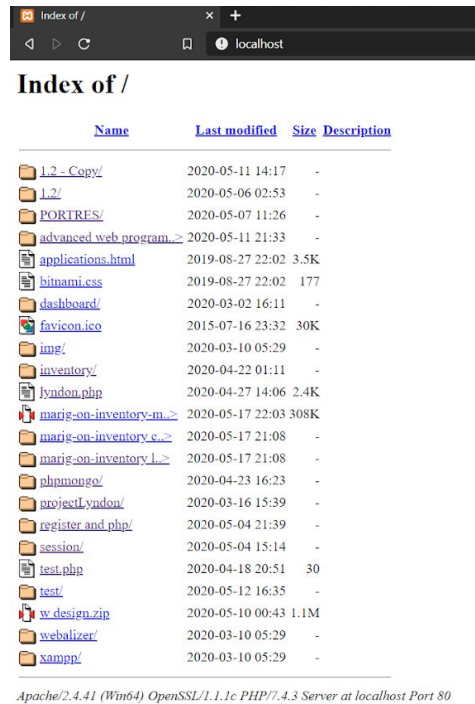
**Note:** Make sure to replace `<username>` and `<password>` in your connection string with your **Database Users** credentials found on **Database Access**.

**Note:** To know more about connecting your cluster, please go to <https://docs.atlas.mongodb.com/connect-to-cluster/>

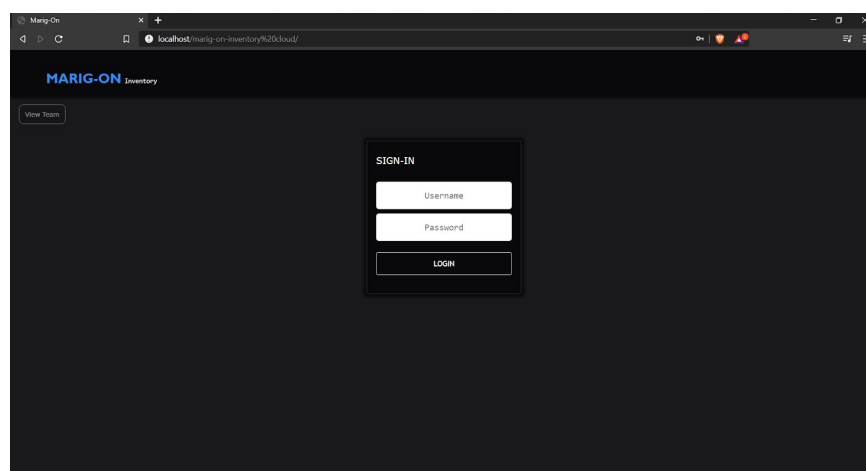
**Step10:** Open **XAMPP** and click **START** on the Apache side



**Step11** Open your internet browser and enter `localhost` on the address bar.



**Step12:** Choose the **Marig-On Inventory** folder, and you'll be directed immediately to the program.



## Output Report

### Purpose of Output

access_level	Access Type	Accessible Item Properties
0	guest	_ID, Name, Series
1	user	+ Quantity
2	admin	+ Trend, Created At, Updated At, Updated By, Actions (Modify & Delete)

**Table 2.** Access levels and their Accessible Item Properties

To explain further the **Table 2**, which is shown above, this is to perfectly explain each access\_level to the so that he/she could decide which level to assign to his/her employees/co-worker, assuming they have one.

Later on, you will see how each of these informations are shown and displayed on the screen from the perspective of each access level. But first, we must explain to you each of the fields.

Item Field	Description
_ID	This is the most unique field that identifies the item
Name	This is to add context to the item's identification
Series	This is to add which category the item belongs
Quantity	This is to show how many stocks (of that specific item) are available

<b>Trend</b>	This is just a ranking system (depending on the client) on how trendy the item is
<b>Created At</b>	This is to show when was the item first added
<b>Updated At</b>	This is to show when it was most recently modified
<b>Updated By</b>	This is to show which account updated the item
<b>Actions (Admin Only)</b>	This is just to contain the <b>Edit</b> and <b>Delete</b> button

**Table 4.** Item Fields and their descriptions

## Guest (Access Level 0 ) Preview

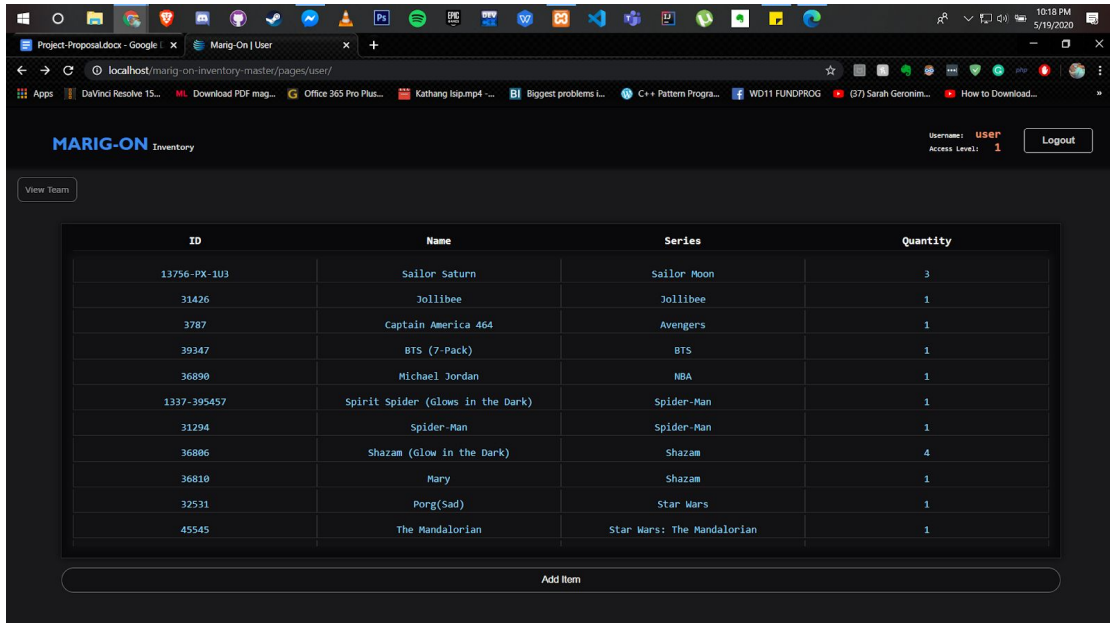
MARIG-ON Inventory

User: **guest**  
Access Level: **0**
Logout

View Team

ID	Name	Series
13756-PX-1U3	Sailor Saturn	Sailor Moon
31426	Jollibee	Jollibee
3787	Captain America 464	Avengers
39347	BTS (7-Pack)	BTS
36890	Michael Jordan	NBA
1337-395457	Spirit Spider (Glow in the Dark)	Spider-Man
31294	Spider-Man	Spider-Man
36806	Shazam (Glow in the Dark)	Shazam
36810	Mary	Shazam
32531	Porg(Sad)	Star Wars
45545	The Mandalorian	Star Wars: The Mandalorian

## User (Access Level 1 ) Preview



Project-Proposal.docx - Google | x Marig-On | User

localhost/marig-on-inventory-master/pages/user/

Apps | DaVinci Resolve 15... | ML Download PDF mag... | Office 365 Pro Plus... | Kathang Isip.mp4 ... | B | Biggest problems I... | C++ Pattern Progra... | WD11 FUNDPROG | (37) Sarah Geronim... | How to Download...

MARIG-ON Inventory

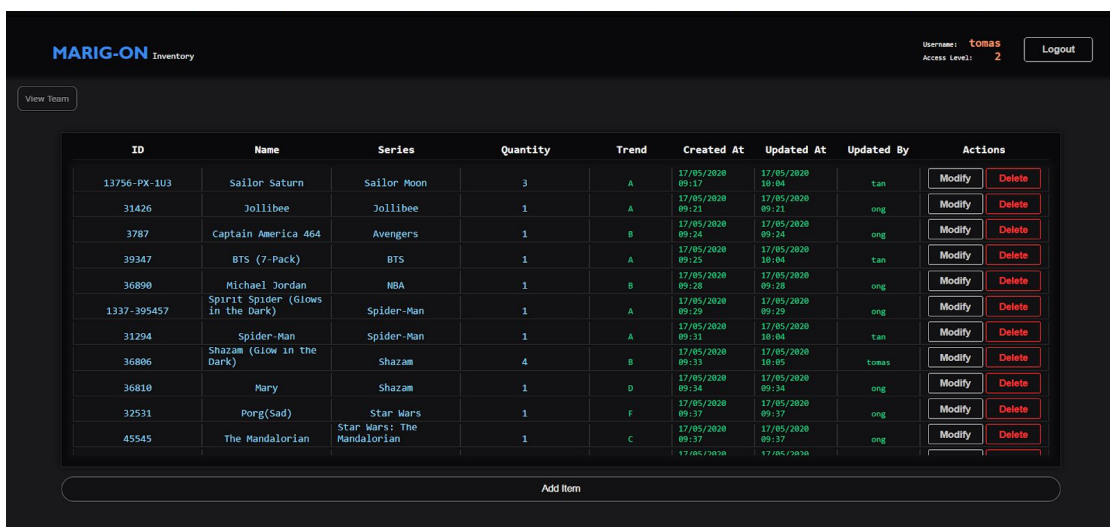
Username: USER Access Level: 1 Logout

View Team

ID	Name	Series	Quantity
13756-PX-1U3	Sailor Saturn	Sailor Moon	3
31426	Jollibee	Jollibee	1
3787	Captain America 464	Avengers	1
39347	BTS (7-Pack)	BTS	1
36890	Michael Jordan	NBA	1
1337-395457	Spirit Spider (Glow in the Dark)	Spider-Man	1
31294	Spider-Man	Spider-Man	1
36806	Shazam (Glow in the Dark)	Shazam	4
36810	Mary	Shazam	1
32531	Porg(Sad)	Star Wars	1
45545	The Mandalorian	Star Wars: The Mandalorian	1

Add Item

## Admin (Access Level 2 ) Preview



MARIG-ON Inventory

Username: TOMAS Access Level: 2 Logout

View Team

ID	Name	Series	Quantity	Trend	Created At	Updated At	Updated By	Actions
13756-PX-1U3	Sailor Saturn	Sailor Moon	3	A	17/05/2020 09:17	17/05/2020 10:04	tan	Modify Delete
31426	Jollibee	Jollibee	1	A	17/05/2020 09:21	17/05/2020 09:21	ong	Modify Delete
3787	Captain America 464	Avengers	1	B	17/05/2020 09:24	17/05/2020 09:24	ong	Modify Delete
39347	BTS (7-Pack)	BTS	1	A	17/05/2020 09:25	17/05/2020 09:25	tan	Modify Delete
36890	Michael Jordan	NBA	1	B	17/05/2020 09:28	17/05/2020 09:28	ong	Modify Delete
1337-395457	Spirit Spider (Glow in the Dark)	Spider-Man	1	A	17/05/2020 09:29	17/05/2020 09:29	ong	Modify Delete
31294	Spider-Man	Spider-Man	1	A	17/05/2020 09:31	17/05/2020 10:04	tan	Modify Delete
36806	Shazam (Glow in the Dark)	Shazam	4	B	17/05/2020 09:33	17/05/2020 10:05	tomas	Modify Delete
36810	Mary	Shazam	1	D	17/05/2020 09:34	17/05/2020 09:34	ong	Modify Delete
32531	Porg(Sad)	Star Wars	1	F	17/05/2020 09:37	17/05/2020 09:37	ong	Modify Delete
45545	The Mandalorian	Star Wars: The Mandalorian	1	C	17/05/2020 09:37	17/05/2020 09:37	ong	Modify Delete

Add Item



## Other Screenshots

### Edit Preview

MARIG-ON Inventory

Username: **tomas**  
Access Level: **2** Logout

View Team

ID	Name	Series	Quantity	Trend	Created At	Updated At	Updated By	Actions
13756-PX-1U3	Sailor Saturn	Sailor Moon	3	A	17/05/2020 09:17	17/05/2020 10:04	tan	Modify Delete
31426	Jollibee	Jollibee	1	A	17/05/2020 09:21	17/05/2020 09:21		
3787	Captain America 464	Avengers	1	B	17/05/2020 09:24	17/05/2020 09:24		
39347	BTS (7-Pack)	BTS	1	A	17/05/2020 09:25	17/05/2020 10:04		
36890	Michael Jordan	NBA	1	B	17/05/2020 09:28	17/05/2020 09:28		
1337-395457	Spirit Spider (Glow in the Dark)	Spider-Man	1	A	17/05/2020 09:29	17/05/2020 09:29		
31294	Spider-Man	Spider-Man	1	A	17/05/2020 09:31	17/05/2020 10:04		
36806	Shazam (Glow in the Dark)	Shazam	4	B	17/05/2020 09:33	17/05/2020 10:05		
36810	Mary	Shazam	1	D	17/05/2020 09:34	17/05/2020 09:34		
32531	Porg(Sad)	Star Wars	1	F	17/05/2020 09:37	17/05/2020 09:37	ong	Modify Delete
45545	The Mandalorian	Star Wars: The Mandalorian	1	C	17/05/2020 09:37	17/05/2020 09:37	ong	Modify Delete

Add Item

MODIFY

13756-PX-1U3

Sailor Saturn

Sailor Moon

3


A

Save Cancel


## About Page (People who made it possible)

MARIG-ON Inventory


Go Back



**2nd year BSIT - Web Developer**  
I live in Metro Manila. I love to learn everyday by setting goals and practicing. Programming is a skill that could make great things come to life. It's not an easy path, but the destination is clear.



**2nd year BSIT - Web Developer**  
I live in the Philippines. I live in Metro Manila. I like programming. I love pizza. I drink water.



**2nd year BSIT - Web Developer**  
Nothing brings me more pleasure than making something out of nothing. Even when the results are far from my ideal expectations. I find the whole ceremony of creativity completely enthralling.