

Make directory to store the project in: mkdir [directory name]

Cd into the directory: cd [directory name]

Clone repo with the following command: git clone <https://github.com/RPI-ITWS/ITWS-4500-Team-4.git>

Cd into the new directory with following command: cd ITWS-4500-Team-4

Run the following command to set up server with following command: npm i

Cd into cookbook with following command: cd cookbook

Run the following command to set up back end with following command: npm i

Go back up a level with following command: cd ..

We have now installed all that is needed from git. It is time to set up mongo

Go to this link to set up an account for mongoBD: <https://account.mongodb.com/account/register>

Follow the instructions to signup till you arrive at this page.

Atlas

Welcome to Atlas. Let's build something great.

Help us tailor your experience by taking a minute to answer the questions below.

GETTING TO KNOW YOU

What is your primary goal?

Learn MongoDB

How long have you been developing software with MongoDB?

1-6 months experience

GETTING TO KNOW YOUR PROJECT

What programming language are you primarily building on MongoDB with?

JavaScript / Node.js

What type(s) of data will your project use?

You can choose as many as you want

Not sure...

Will your application include any of the following architectural models?

You can choose as many as you want

Not sure...

Finish

For the first two and last two options, enter what you wish. For the 3rd question, enter JavaScript / Node.js

Then select the free plan, stick with amazon as the provider, and name you cluster whatever you wish.

You will then find yourself at the Security Quickstart page, make an account.

Security Quickstart

To access data stored in Atlas, you'll need to create users and set up network security controls. [Learn more about security in Atlas](#)

1 How would you like to authenticate your connection?

Your first user will have permission to read and write any data in your project.

Username and Password

Certificate

i We autogenerated a username and password for your first database user in this project using your MongoDB Cloud registration information. **x**

Create a database user using a username and password. Users will be given the read and write to any database [privilege](#) by default. You can update these permissions and/or create additional users later. Ensure these credentials are different to your MongoDB Cloud username and password.

Username

[Redacted Username]

Password 

[Redacted Password]

 Autogenerate Secure Password

 Copy

Create User

Then add any IP addresses you want to access this cluster. Make sure to add your own

2 Where would you like to connect from?

Enable access for any network(s) that need to read and write data to your cluster.

My Local Environment

Use this to add network IP addresses to the IP Access List. This can be modified at any time.

ADVANCED

Cloud Environment

Use this to configure network access between Atlas and your cloud or on-premise environment. Specifically, set up IP Access Lists, Network Peering, and Private Endpoints.

i We added your current IP address. You can connect to your cluster locally from this device. **x**

Add entries to your IP Access List

Only an IP address you add to your Access List will be able to connect to your project's clusters. You can manage existing IP entries via the [Network Access Page](#).

IP Address

Description

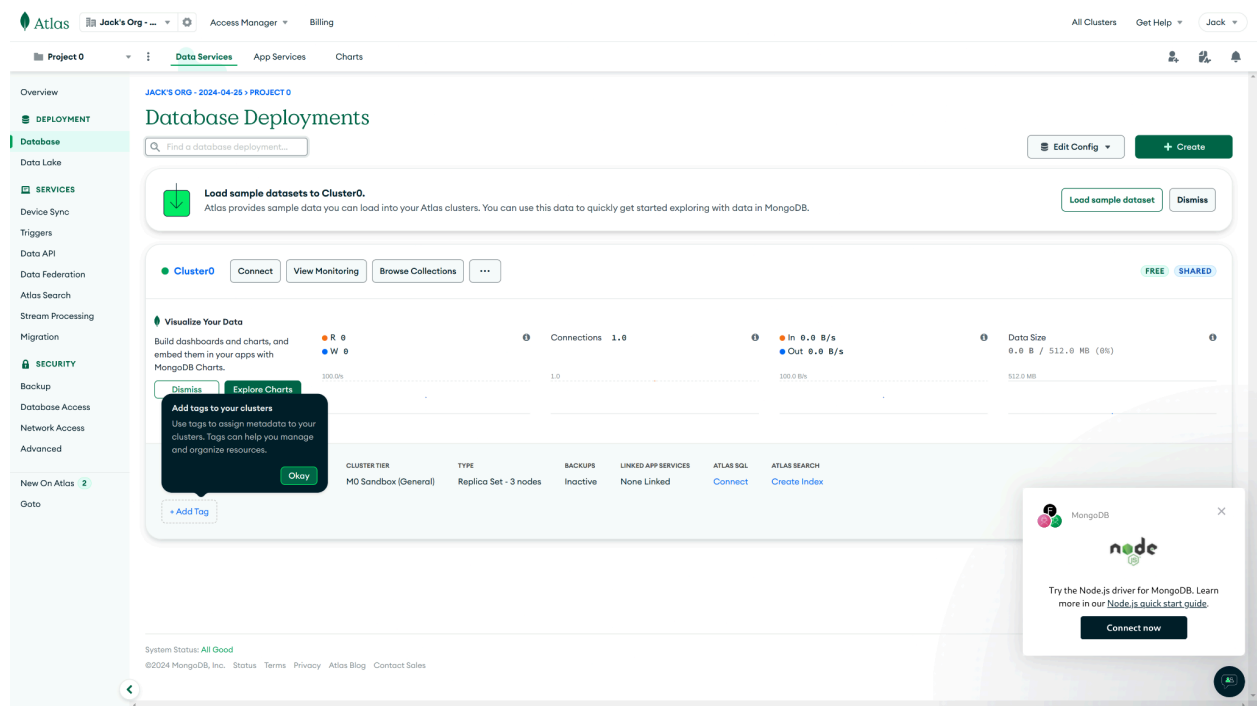
Enter IP Address

Enter description

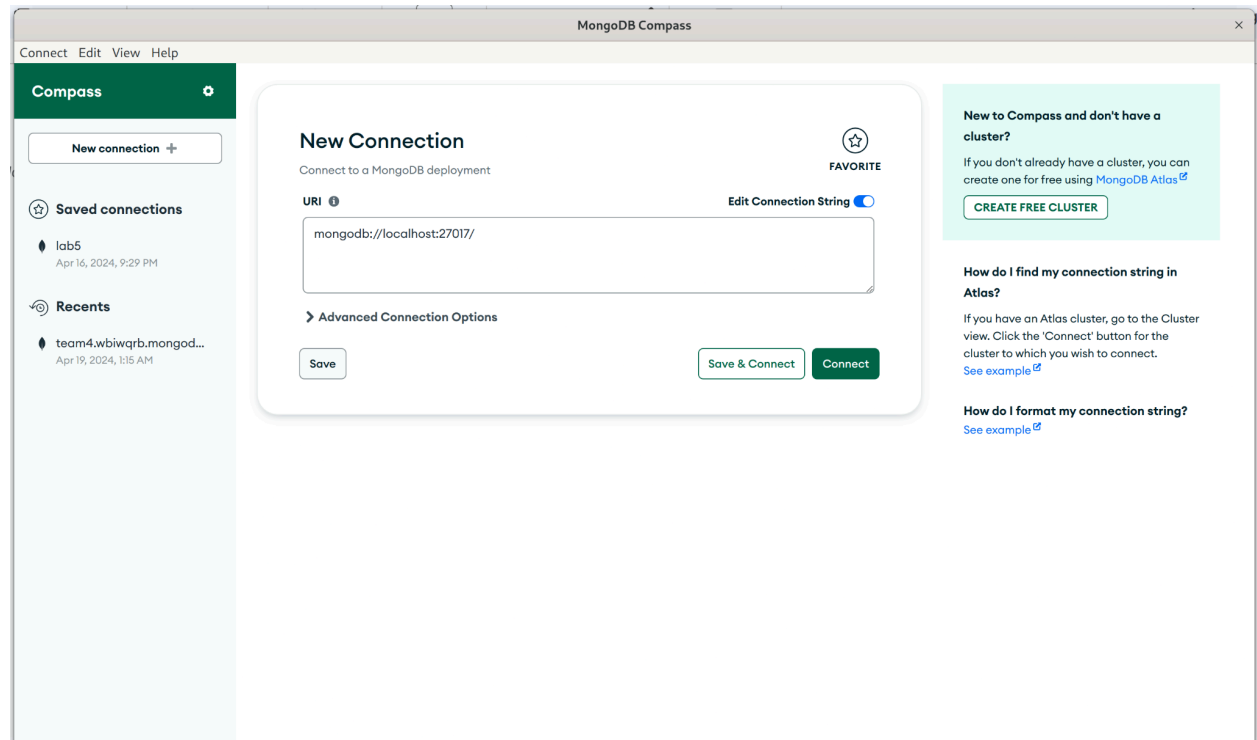
Add My Current IP Address

Add Entry

Then, click database to make your first database. Click connect. Click compass, and follow the instructions to install.



Once you install compass and get the connection link, enter it into the connection box and connect.



Then, create a database, and name it whatever you want. Then click create collection. Create a recipes collection and a users-hashed collection.

Once this is done, we must connect your mongo to the server.

Go back into ITWS-4500-Team-4. Make a file called .env.

In this env file, put the following information:

MONGODB=(your connection string)/(the database name)

It should look like MONGODB=mongodb+srv://[username]:[password]@[information]/[database name]

Finally, we must add a session ID. In the same file, add a sessionID. The way you do this is the following.

SESSION=[very long session id]

Make it something encrypted. As an example (NOT AN ACTUAL SESSION ID)

4a8f6b2d8a7e1f2c4e5f6b8d7e1a2c4e5f6b8d7e1a2c4e5f6b2d8a7e1f2c4e5

Make it 64 characters.

Save the env file.

You can now run your site using the following command: node --env-file=.env server.js

To access your site, go to <http://localhost:3000/>

You're done!