How to Setup & Run this Project

❖ **Install NodeJs (Ignore If Already Installed)**

1. Visit the official Node.js website i.e)
   https://nodejs.org/en/download/
2. Download the Node.js installer
3. Run the installer.
4. Follow the prompts in the installer.

—First Run Backend then Frontend & Admin—

❖ **Steps To Setup Backend Of The Project**

1. Open Project Folder In VS Code
2. Open Integrated Terminal
   - Right Click on Sidebar > Select "Open In Integrated Terminal"
3. Type "npm install" and press Enter and Wait for Installation to be completed (requires Internet)
4. Setup The MongoDB

   a. Open this link - [LINK](#)
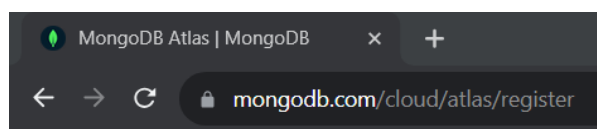
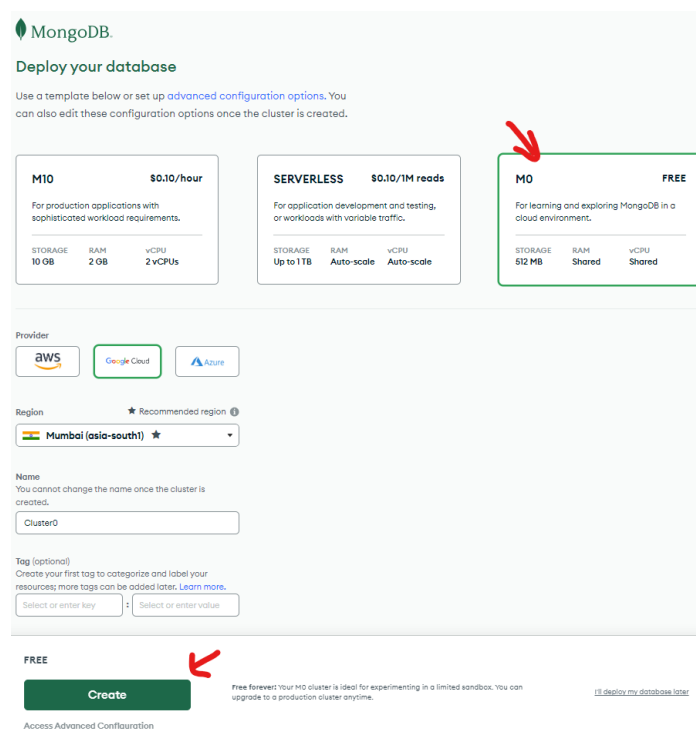   **b.** After that Sign Up on the website.

c. Click on New Project Option
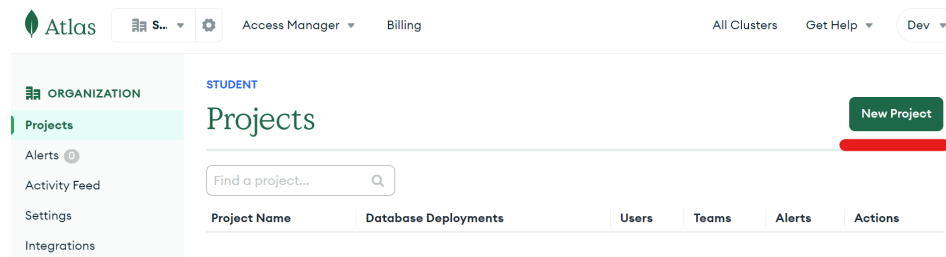
d. After Creating Project go to Database Section & Build a database
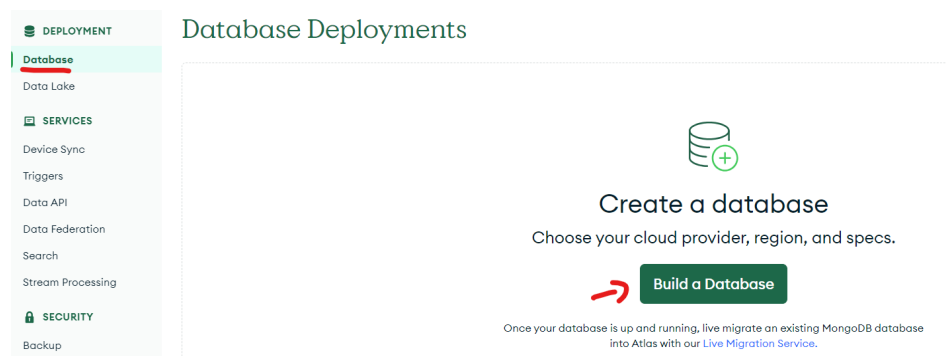
e. Select M0 & Your Region & Create Database

f. Setup Username & Password & Create User

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

greatstack

Password 🚫

••••••••   🔑 Autogenerate Secure Password   📋 Copy

Create User ⬅

g. Add IP 0.0.0.0 & Click on Add Entry

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.

IP Address   **Description**

0.0.0.0   Enter description   Add My Current IP Address

Add Entry ⬅

h. Now Click on Finish & Close

Finish and Close

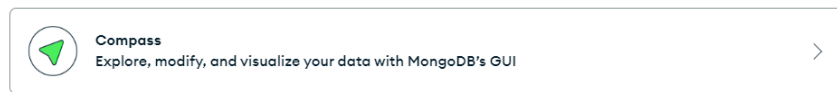**i.** Now Click on Connect

Database Deployments   + →

Cluster0

CONNECT   EDIT CONFIGURATION   FREE SHARED

Add Data   Load Sample Data   Data Modeling Templates

j. Now Select Compass Option

Compass
Explore, modify, and visualize your data with MongoDB's GUI

k. And Copy the Connection String

2. Copy the connection string, then open MongoDB Compass

mongodb+srv://greatstack:<password>@cluster0.zybuehd.mongodb.net/

Replace **<password>** with the password for the **greatstack** user.
When entering your password, make sure that any special characters are URL encoded.
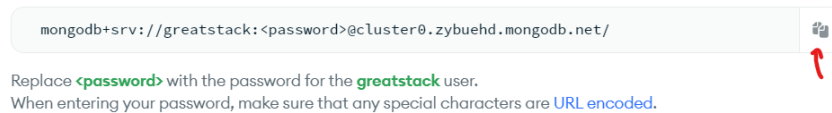
l. And Paste It in index.js replace <password> with password you set previously in 4.F & save changes


```
32  mongoose.connect("mongodb+srv://greatstack:<password>@cluster0.zybuehd.mongodb.net/e-commerce");
33
34  // MiddleWare
```

Remove <password> & Add Your Registered Password Here   Add "e-commerce" in string
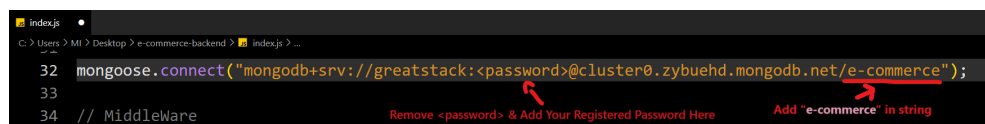
5. To Run Project use node .\index.js in Integrated Terminal


```
Node.js v20.7.0
PS C:\Users\MI\Desktop\e-commerce-backend> node .\index.js
Server Running on port 4000
```
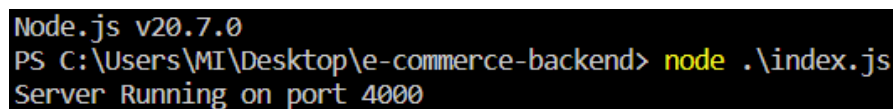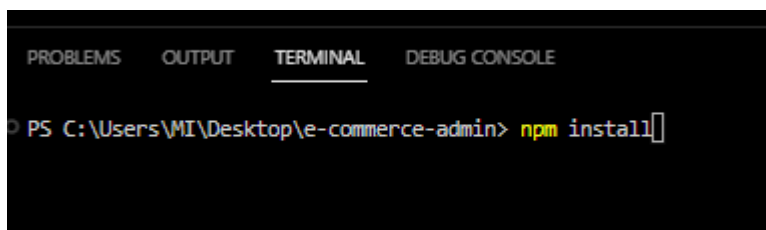
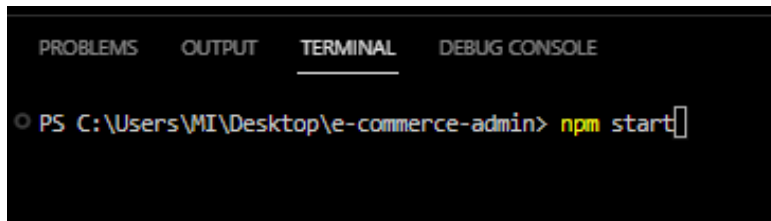❖ **Steps To Run Frontend & Admin Panel Of The Project**

1. Open Project Folder In VS Code
2. Open Integrated Terminal
   ○ Right Click on Sidebar > Select "Open In Integrated Terminal"
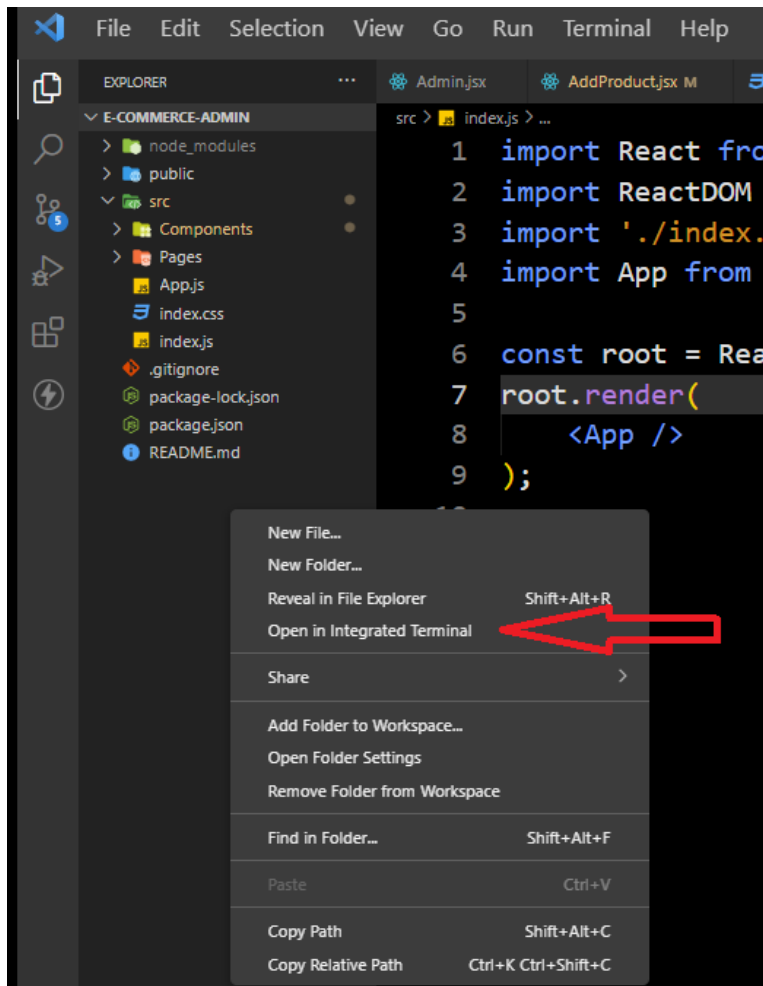
3. Type "npm install" and press Enter and Wait for Installation to be completed (requires Internet)

4. After Installation You will See 'node_modules' Folder in the Sidebar
5. After that type "npm start" in terminal

6. Now Your Project Will Start In Your Default Web Browser

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