Steps to follow

Hey! Thanks for purchasing the source code. There are a few things you need to do first. If you skip these steps, you won't be able to see the site in action. Let's get started!

Node Version Used: **node v23.10.0 (npm v11.2.0)**

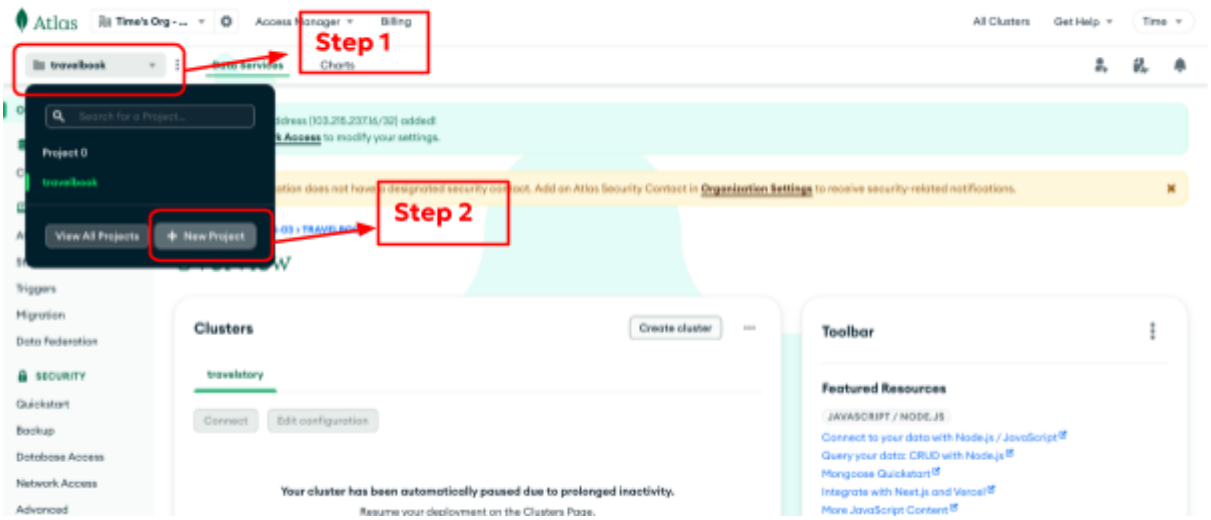
Running the Task Manager App Project

Backend (Express.js)

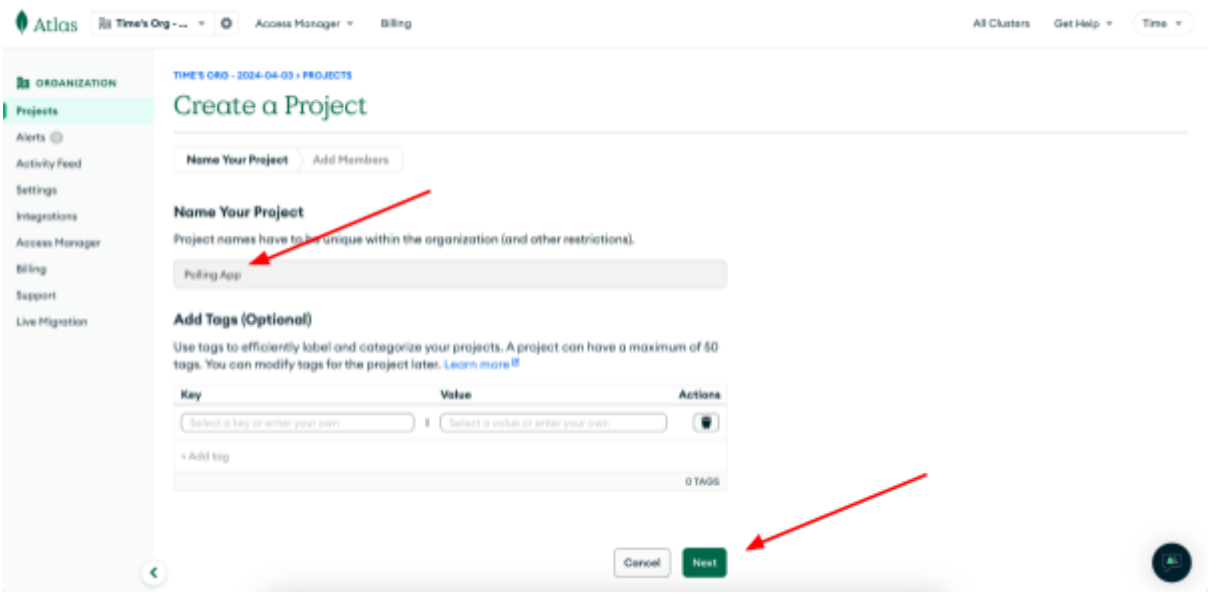
1. Navigate to the `backend` folder in your terminal.
2. Run the following command to install the required dependencies:

   ```
   npm install
   ```

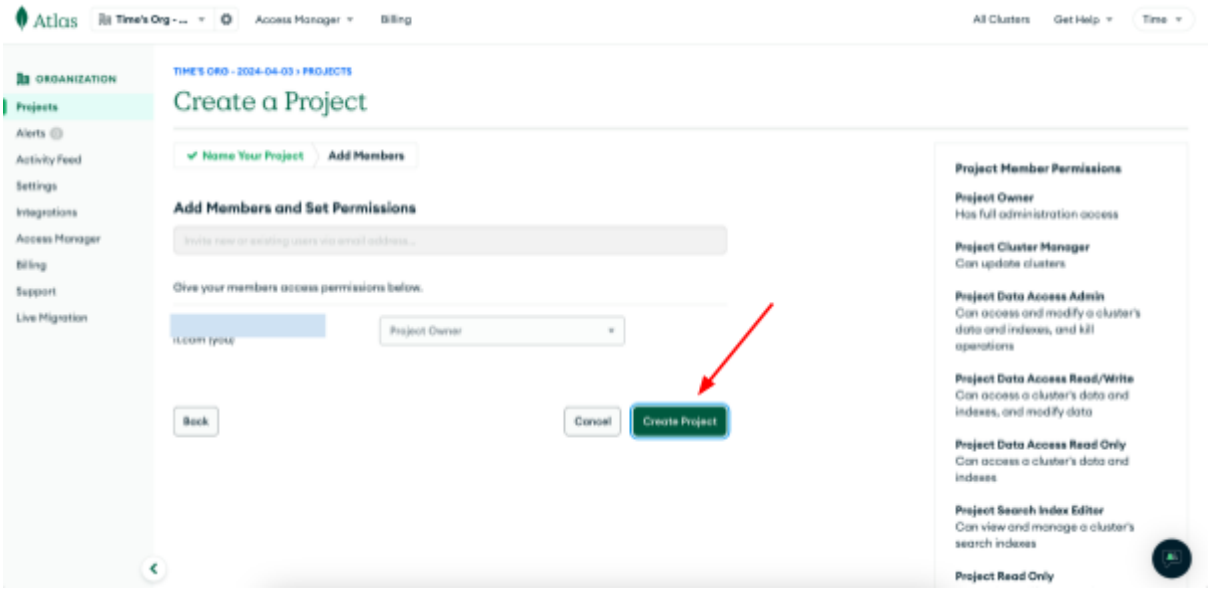
3. Once the dependencies are installed, Let's connect MongoDB
4. Go to https://www.mongodb.com/
5. Login or Create an Account
6. Now let's create a project by clicking on the “New Project” button



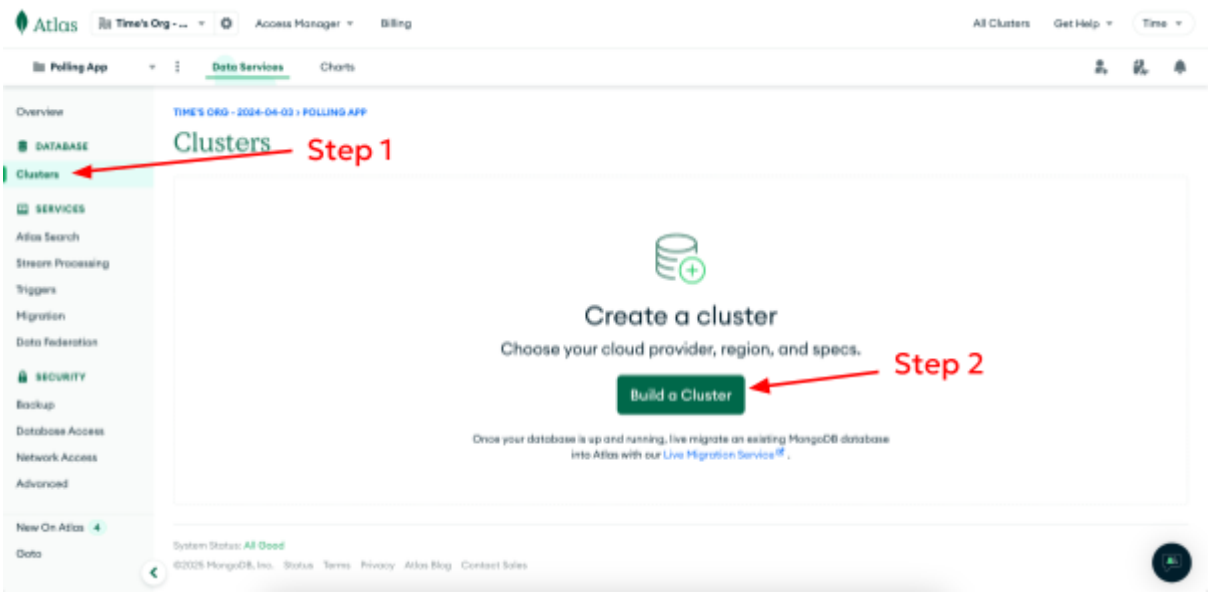
7. Now, Enter the project name and Click “Next”



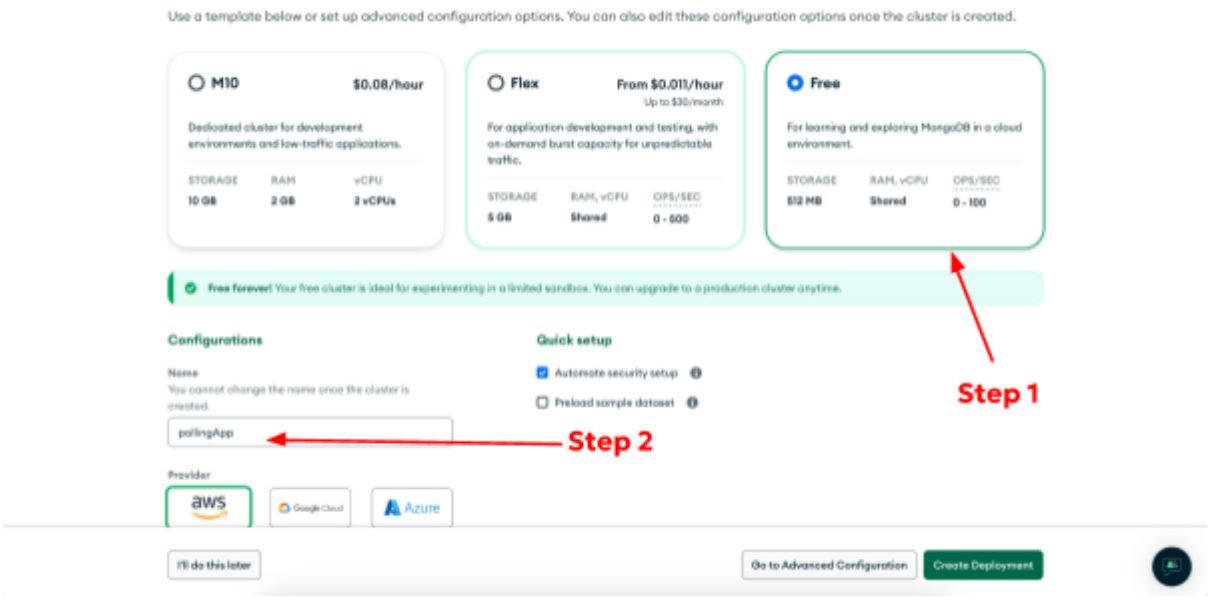
8. Add Member if needed. Then click on “Create Project”



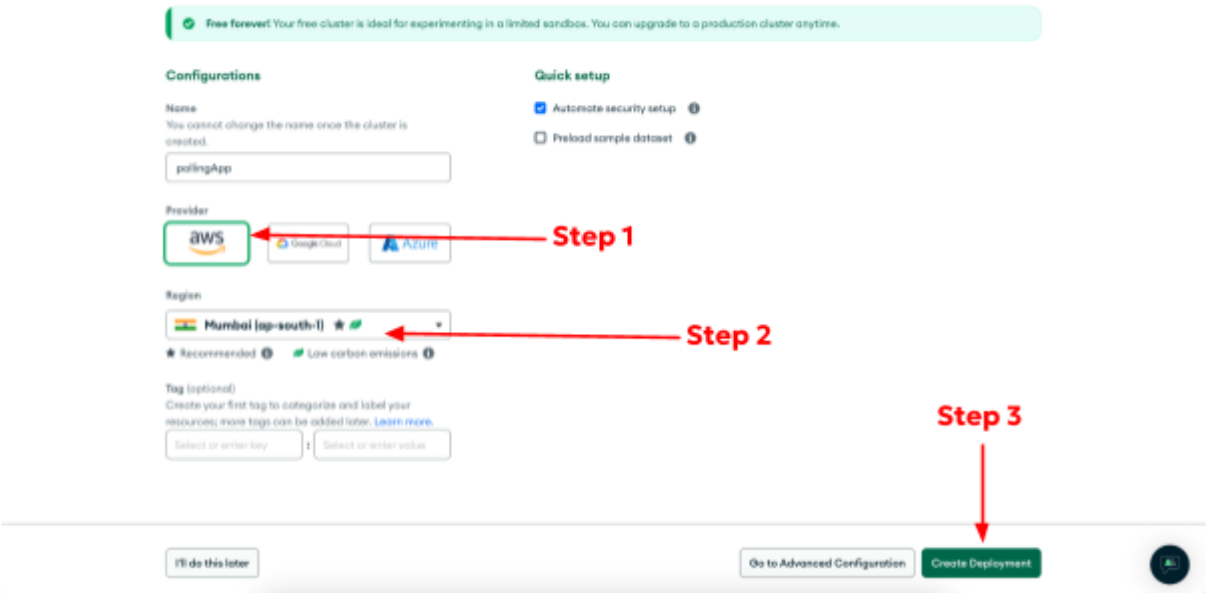
9. Now click on “Clusters” option in the side menu and click on “Build a Cluster” button



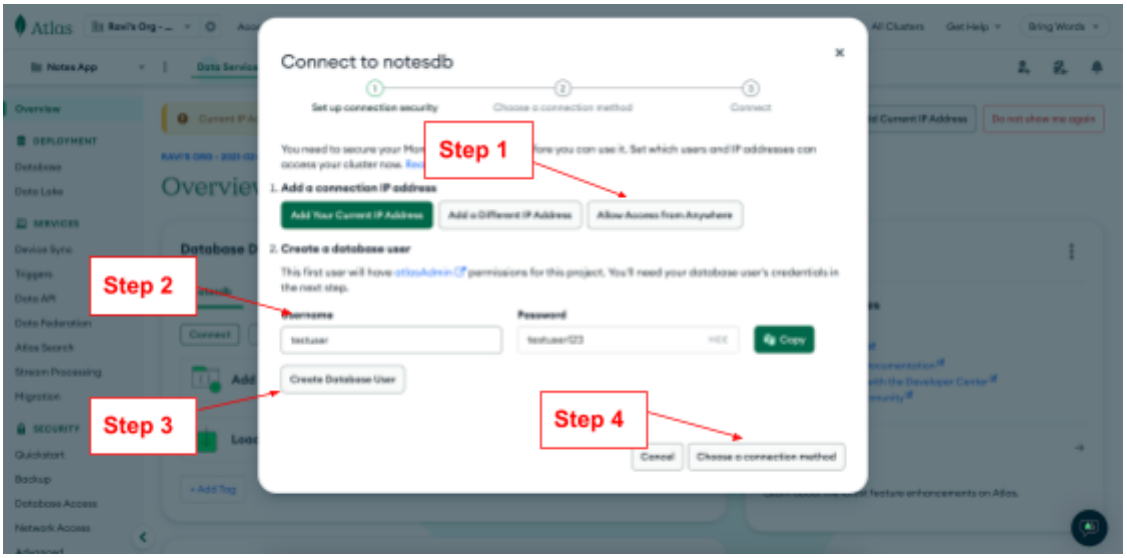
10. Now, select free tier and give a cluster name



11. Select a server provider, select a region that's near you, and click on “Create Deployment”

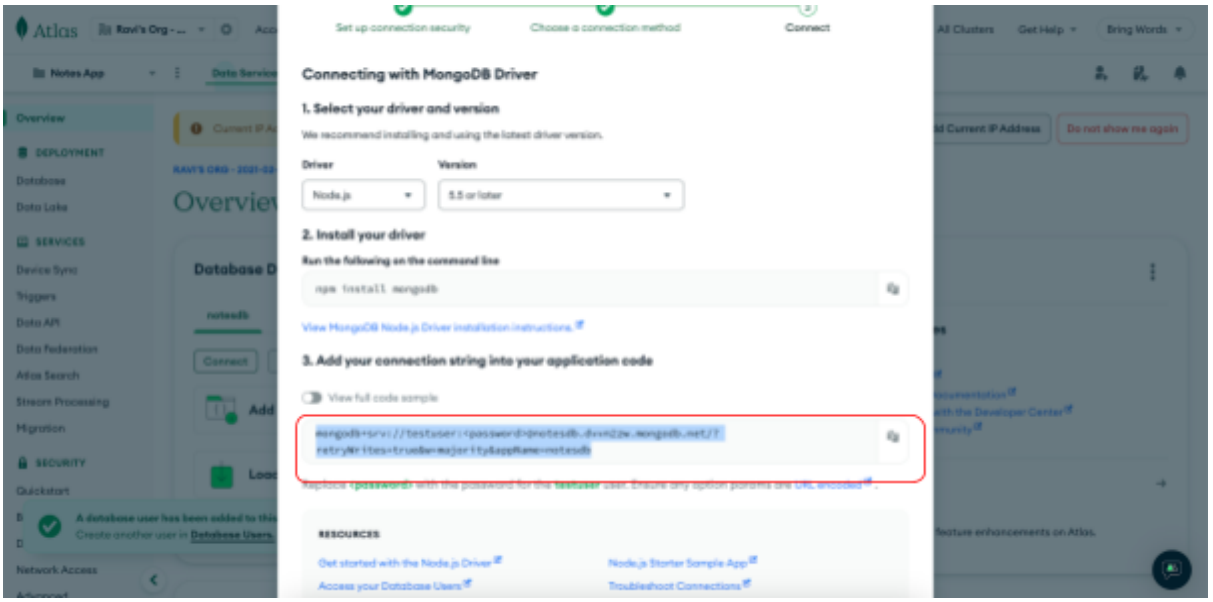


12. Now we will be directed to the connection steps page.
13. Here, we need to add an IP address for the connection. I usually select the `Allow Access from Where` option and create a database user. And click on the “Choose a connection method” button



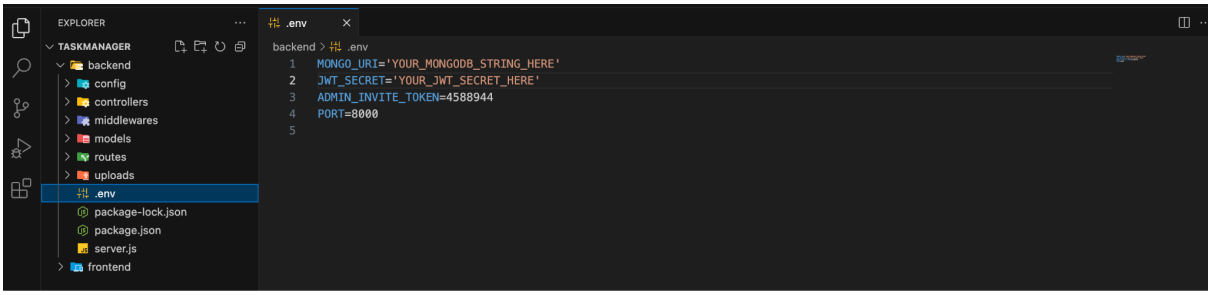
14. In the Next step, Select the `Drivers` option to access the atlas database using our Node.js project

15. Now, copy the connection string

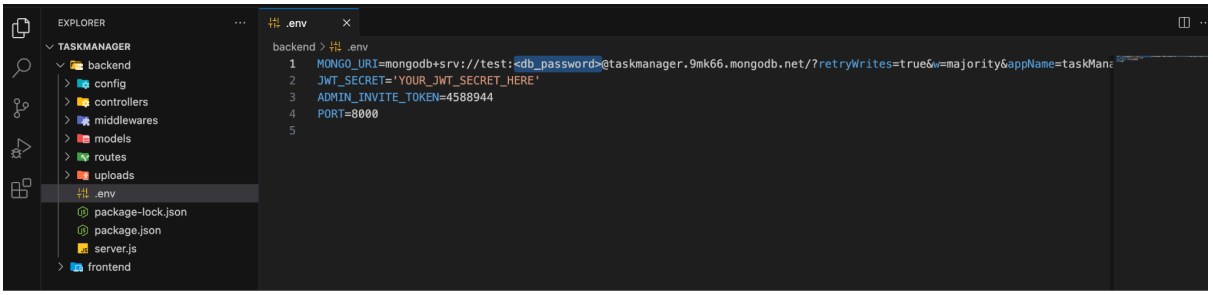


16. Paste the connection string inside the `.env` file:

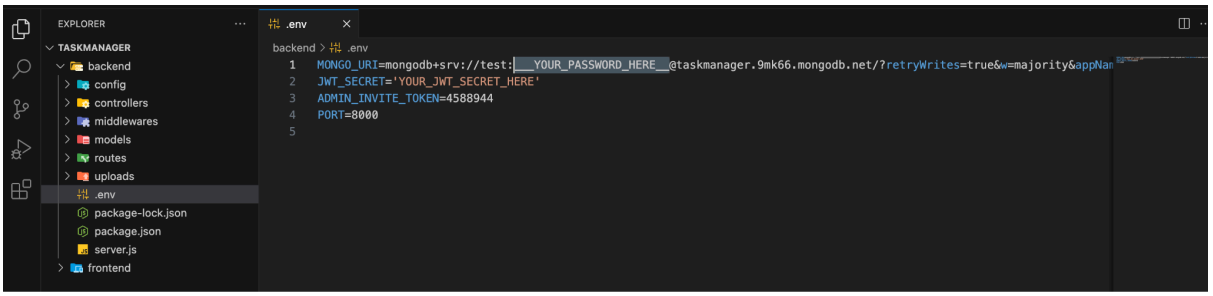
Before:



After:

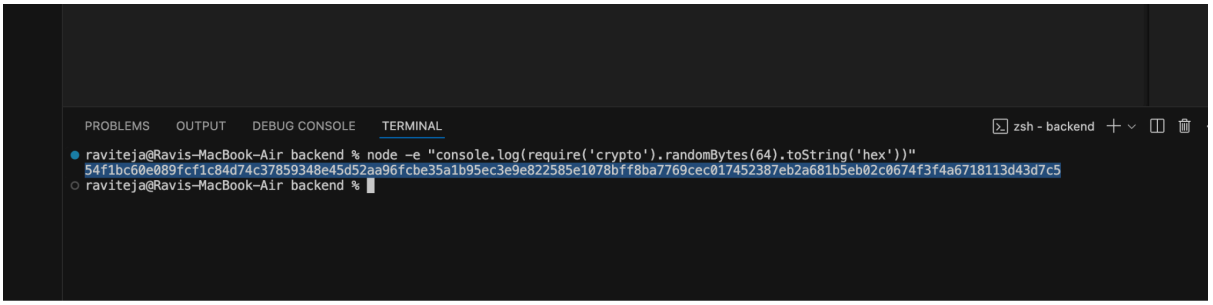


17. Now replace `<password>` in the connection string with the user's password that we have created in Step 13

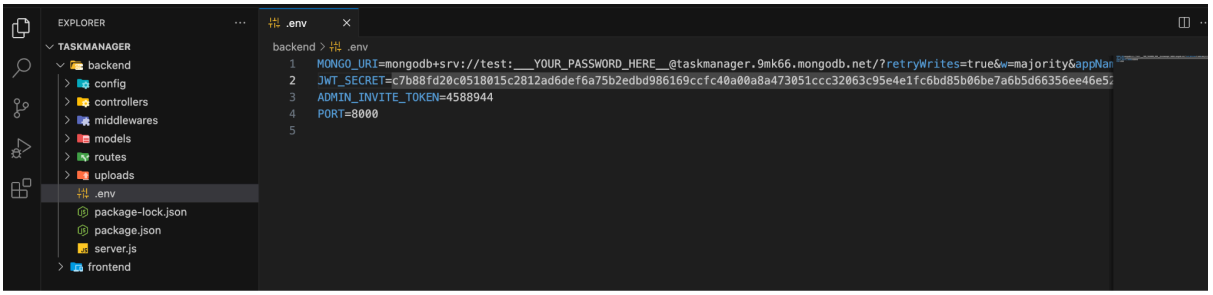


18. After updating the connection string, let's generate our JWT_SECRET. To do so, you can run the following command in the terminal.

node -e "console.log(require('crypto').randomBytes(64).toString('hex'))"



19. Now lets update the JWT_SECRET



That's it, we are done.

20. Now, start the server by running:

```
npm run dev
```

Frontend

1. Navigate to the `frontend/Task-Manager` folder.
2. Run the following command to install the required dependencies:

```
npm install
```

3. After the installation is complete, start the React development server by running:

```
npm run dev
```

This will start the frontend server and open the app in your default web browser.