

This document is designed to be used in conjunction with the Strapi setup video for the Shopping Cart exercise. You can have this up while following along with the steps in the video where Strapi is set up, and if you are confused by something in the video, this document can guide you through that section.

If, at any point in this activity, the instructions don't allow you to continue, refer to the [\*\*Strapi Quick Start Guide\*\*](https://strapi.io/documentation/developer-docs/latest/getting-started/quick-start.html) [\\_\(https://strapi.io/documentation/developer-docs/latest/getting-started/quick-start.html\)\\_](https://strapi.io/documentation/developer-docs/latest/getting-started/quick-start.html), which is maintained by Strapi and will be updated if anything changes with newer versions.

## Section 1: Get Strapi Running in

Reference for this section: [\*\*Strapi Quick Start Guide\*\*](https://strapi.io/documentation/developer-docs/latest/getting-started/quick-start.html) [\\_\(https://strapi.io/documentation/developer-docs/latest/getting-started/quick-start.html\)\\_](https://strapi.io/documentation/developer-docs/latest/getting-started/quick-start.html)

Prerequisites: You should already have node installed on your system; if not, download it [here](https://nodejs.org/en/download/) [\(https://nodejs.org/en/download/\)](https://nodejs.org/en/download/).

1. Create a directory to hold your Strapi DB. You can use the same name as in the video: **cartDB**.
2. Navigate to that directory with a terminal. This may differ from the videos depending on your operating system.
3. Check if you have node installed on your system by running the following commands in PowerShell (be sure you have administrator privileges):

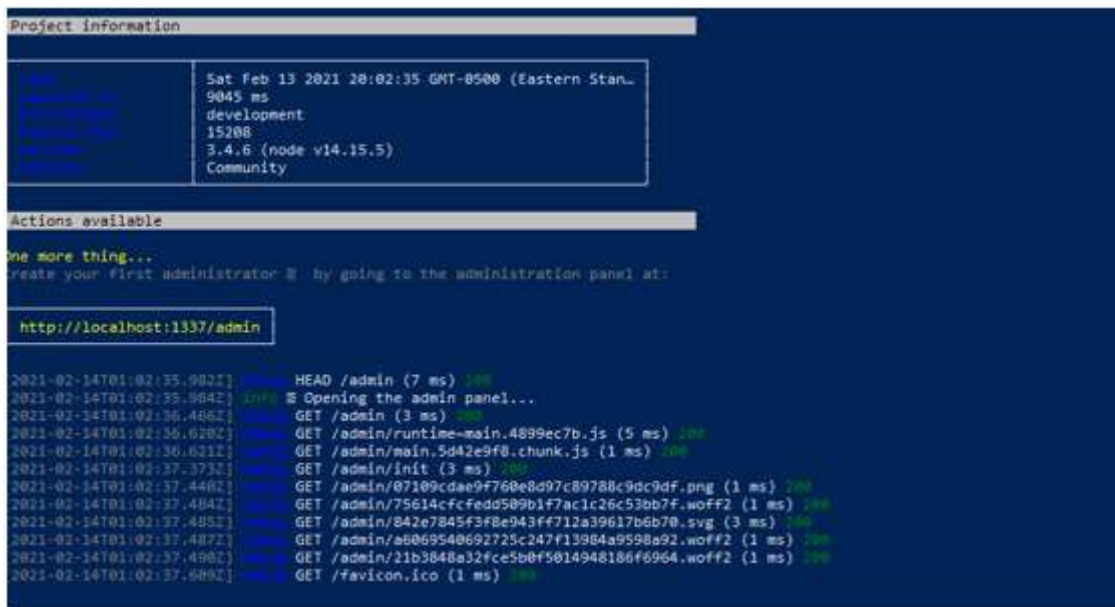
```
node -v  
npm -v
```

4. Running these commands should result in versions being printed out. If it gives a message that says it doesn't recognize node or npm, you need to download node and npm at the link in Section 1 prerequisites and do a standard node install (with all necessary dependencies).

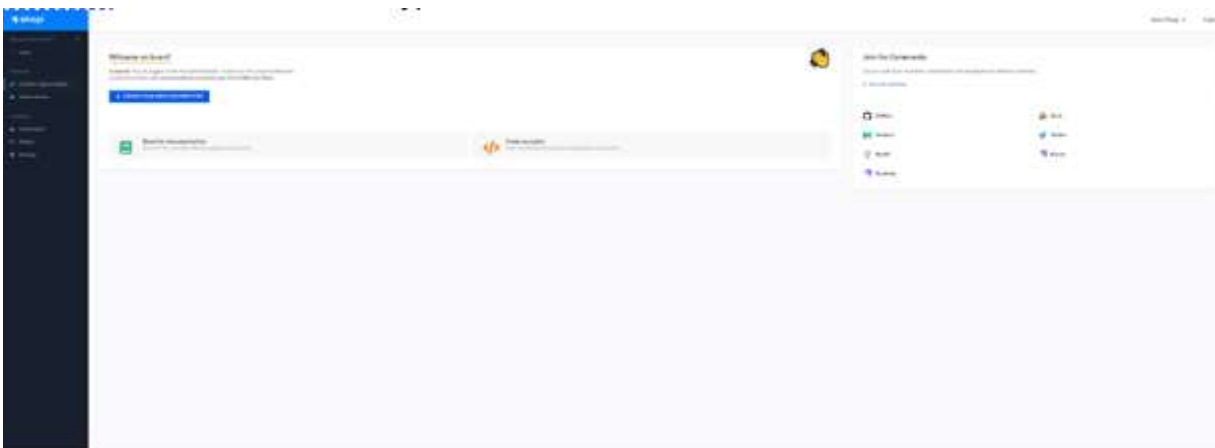
5. Run the following cmd:

```
npx create-strapi-app@3 cartDB --quickstart
```

If it successfully ran, you should see something like this at the end:

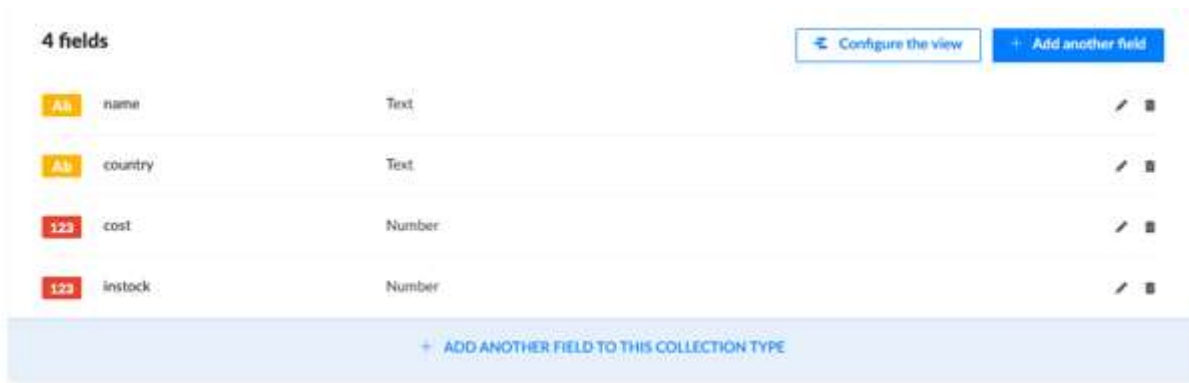


6. You should now be able to navigate to <http://localhost:1337/admin/auth/register-admin> (<http://localhost:1337/admin/auth/register-admin>) and create an account in order to access the same UI seen in the video to set up the database fields.
7. After setting your name, email, and password, you should be able to navigate to this page in order to access the Content-Types Builder tab on the left as seen in the video.



## Section 2: Configure Strapi Data

1. Go to the Content-Types Builder on the left and then create a new collection type as shown in the video.
2. Input **product** as the display name for the collection.
3. Select Text for the field type.
4. Type in **name** as the product name and then click the **+ Add another field** button at the bottom right of the dialog to continue adding fields as shown in the video.
5. Select Save after you have the four fields added in the video like this:



6. After saving, you should see the **Products** under Collection Types at the top left of the Strapi UI. You can select this to start creating Product entries as shown in the video. Here's the reference object for this data:

```
[
  {name: "Apples", country: "Italy", cost: 3, instock: 10},
  {name: "Oranges", country: "Spain", cost: 4, instock: 3},
  {name: "Beans", country: "USA", cost: 2, instock: 5},
  {name: "Cabbage", country: "USA", cost: 1, instock: 8}
]
```

7. You should end up with something like this:

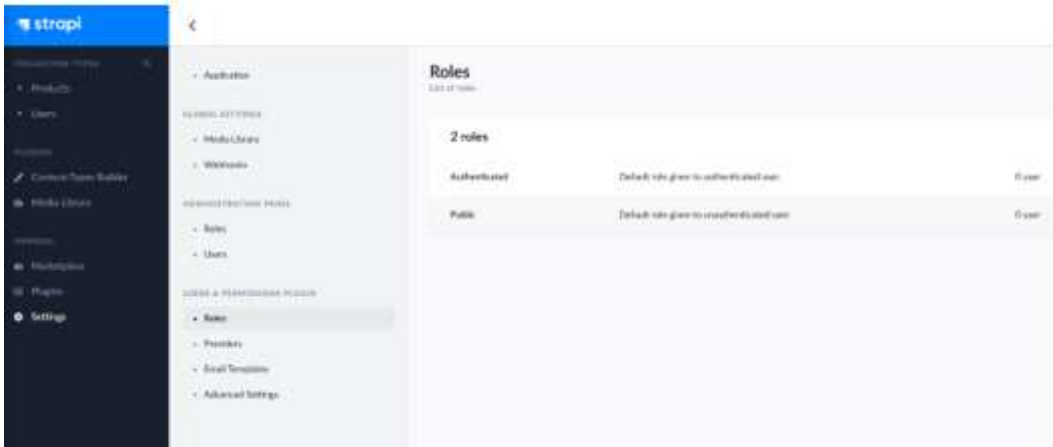


8. Afterward, if you navigate to localhost:1337/products, it's expected that you'll get a 403 Forbidden Error as seen in the video.

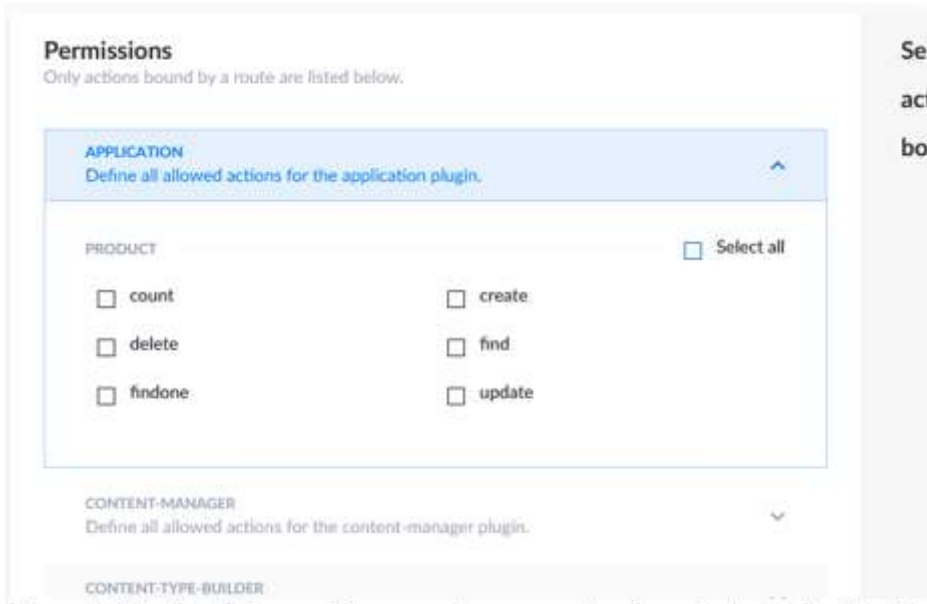
9. You'll now set permissions for your local DB. If you see the **Roles & Permissions** tab on the left, like the videos, you can select it and skip to Step 11. If you don't see this, you'll need to navigate to the **Plugins** section shown here:



10. Verify that you can see the **Roles & Permissions** plugin here. Continue by selecting the **Settings** section underneath and then select **Roles** to access the settings for the **Public** role:



11. Select **Public** and then scroll down to Permissions and select all the permissions in Product as seen in the video.



12. This should now allow you to access the /products endpoint. If you still don't see data, that's because it's unpublished. You'll need to navigate back to the **Products** collection and select the **Draft** button on each of them and then for each item, select the **Publish** button at the top right as seen here:

13. Once everything is published, you should be able to see the data by hitting the URL `localhost:1337/products` just like the video.

If it still isn't working, refer to the [Strapi Quick Start Guide](https://strapi.io/documentation/developer-docs/latest/getting-started/quick-start.html) (<https://strapi.io/documentation/developer-docs/latest/getting-started/quick-start.html>) for the missing steps, keeping in mind that the data you're using in this shopping cart exercise is slightly different from the data used in the official guide.

### Instructions:

Once you're done, upload a screenshot of you hitting your new API endpoint in your browser and it showing the JSON data similar to the following:

```
{
  "id": 1, "name": "Apples", "country": "Italy", "cost": 3, "instock": 10, "created_by": {
    "id": 1, "firstname": "John", "lastname": "Williams", "username": null, "updated_by": {
      "id": 1, "firstname": "John", "lastname": "Williams", "username": null, "created_at": "2020-08-28T14:13:03.205Z", "updated_at": "2020-08-28T14:13:03.211Z"
    }
  },
  "id": 2, "name": "Oranges", "country": "Spain", "cost": 4, "instock": 3, "created_by": {
    "id": 1, "firstname": "John", "lastname": "Williams", "username": null, "updated_by": {
      "id": 1, "firstname": "John", "lastname": "Williams", "username": null, "created_at": "2020-08-28T14:13:23.095Z", "updated_at": "2020-08-28T14:13:23.100Z"
    }
  },
  "id": 3, "name": "Beans", "country": "USA", "cost": 2, "instock": 8, "created_by": {
    "id": 1, "firstname": "John", "lastname": "Williams", "username": null, "updated_by": {
      "id": 1, "firstname": "John", "lastname": "Williams", "username": null, "created_at": "2020-08-28T14:13:47.470Z", "updated_at": "2020-08-28T14:14:31.200Z"
    }
  },
  "id": 4, "name": "Cabbage", "country": "USA", "cost": 5, "instock": 8, "created_by": {
    "id": 1, "firstname": "John", "lastname": "Williams", "username": null, "updated_by": {
      "id": 1, "firstname": "John", "lastname": "Williams", "username": null, "created_at": "2020-08-28T14:14:21.706Z", "updated_at": "2020-08-28T14:14:21.713Z"
    }
  }
}
```