

Inventory Management System

User Guide

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Step 1:

Installing Dependencies

1. Ensure that you have Node installed. If you do not, you can install it at <https://nodejs.org/en/download>
2. Once you have installed node, navigate to the directory where you have unzipped the project files using `cd <path>`
3. Run the following command to install all of the dependencies in order to run the program:

```
npm install express body-parser cookie-parser mongoose multer csv-parser fs
```

Step 2:

Running the application

1. Once the installation has completed, enter `node app.js`
2. Navigate to <https://localhost:3000>

Step 3:

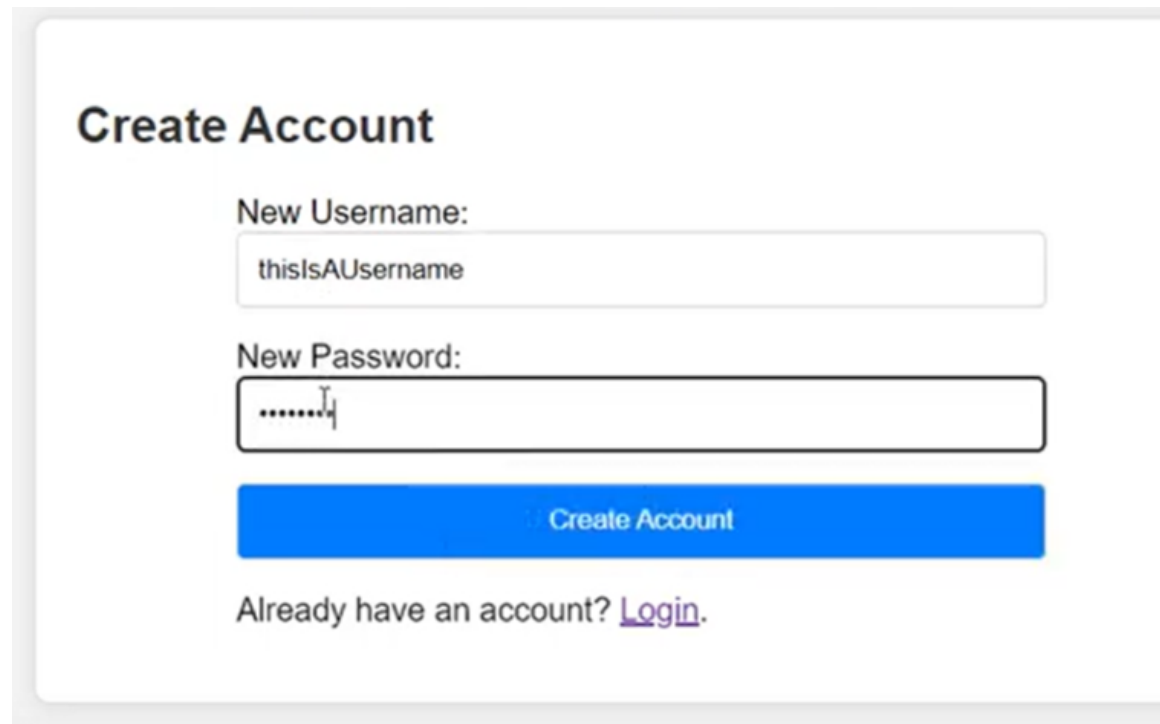
Using the application/Creating Account

1. Once on the website, you will be prompted with the screen to enter Login Credentials
 - a. If your account already exists, enter into Username and Password text field and press login.
 - b. If not, click Create account.



Don't have an account? [Create one.](#)

- i. Type in your desired Username and Password into the “New Username” and “New Password” text fields and press Create Account. A text box will pop-up stating that your account has been created and simply press “OK”. You will then be redirected to the login screen

A screenshot of a web form titled "Create Account". It features two text input fields: "New Username:" with the text "thisIsAUsername" and "New Password:" with masked characters ".....". Below the fields is a blue button labeled "Create Account". At the bottom, there is a link that says "Already have an account? [Login](#)."

- ii. Enter in your login information and press the Login button. You will then be redirected to the “Inventory Management” Page.



Step 4:

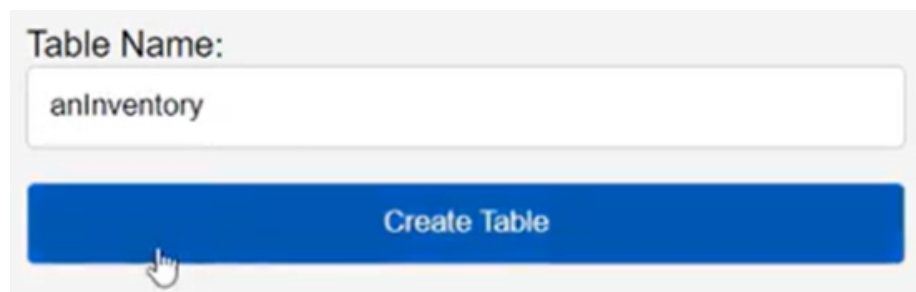
Creating your Inventory/Show Inventory

- c. You will be given the option to either “Create Inventory” or to “Show Inventories”. Given that no Inventory is created, click

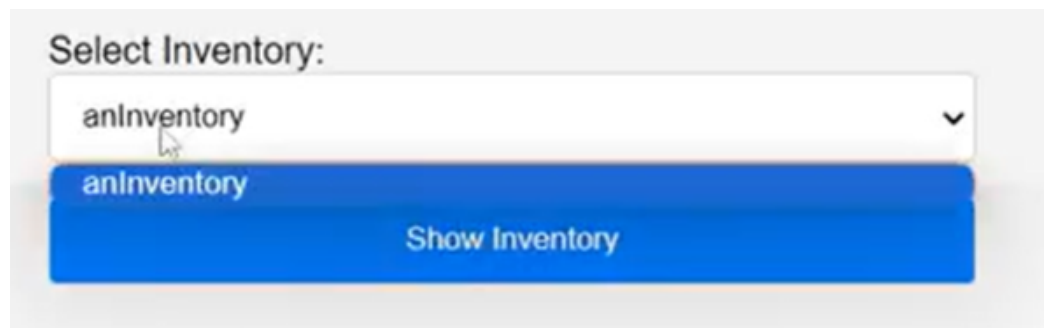
on “Create Inventory”.



- i. You will then be asked to give your Inventory a table name and you will type the desired name into the text field.
- ii. Click on Create Table once finished. You will be redirected to the View Inventory page.

The image shows a form titled "Table Name:". Below the title is a text input field containing the text "anInventory". Below the input field is a blue button labeled "Create Table" with a mouse cursor hovering over it.

- d. To show inventories, click on the “Show Inventories” button and you will be redirected to the “Show Inventories Page”
 - i. Simply click on the drop down menu underneath “Show Inventories” and select the name of your inventory that you wish to see. Click on Show inventory button and you will be redirected to the viewing page of that inventory.

The image shows a form titled "Select Inventory:". Below the title is a dropdown menu with "anInventory" selected. Below the dropdown menu is a blue button labeled "Show Inventory".

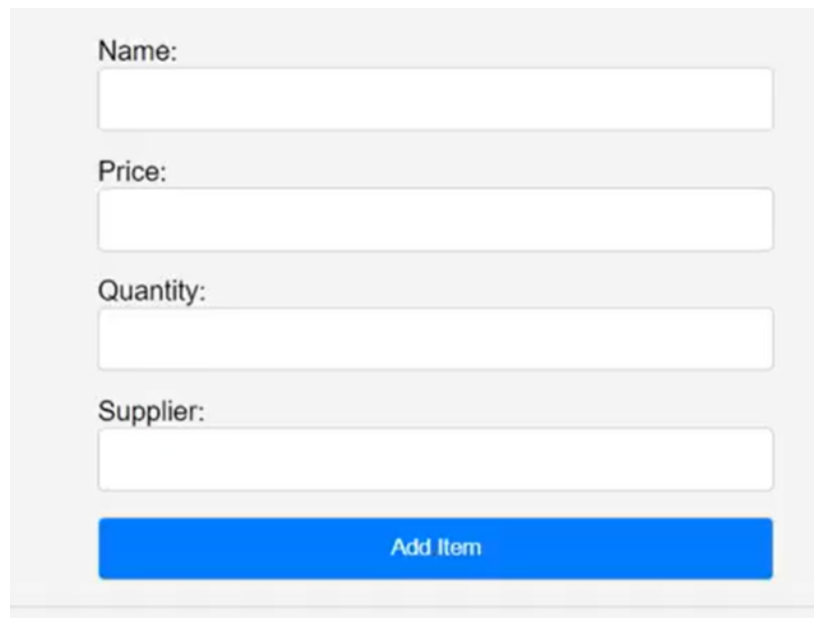
Step 5:

Adding Items

- e. Begin by creating your inventory by adding items into your table by clicking on the black plus icon, located underneath the “Search” text field.



- i. Enter the name of your item in the text field labeled “Name”.
- ii. Enter the price of your item in the text field labeled “Price”.
- iii. Enter the quantity of your item in the text field labeled “Quantity”
- iv. Enter the supplier of your item in the text field labeled “Supplier”
- v. Finally click on the “Add Item” button. You will be redirected back to the View Inventory Page.

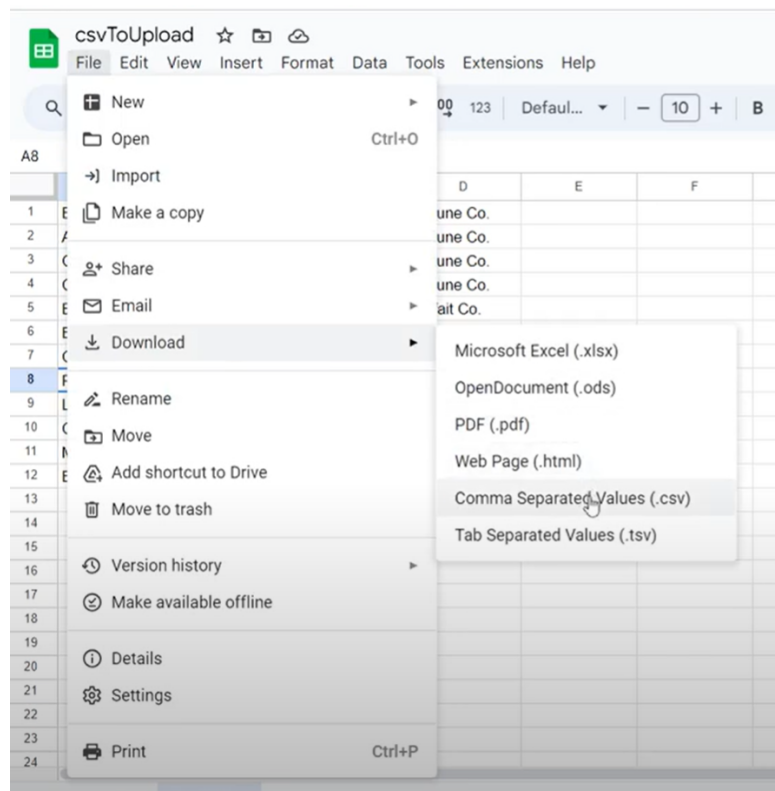
A screenshot of a form with a light gray background. It contains four text input fields, each with a label above it: "Name:", "Price:", "Quantity:", and "Supplier:". Below these fields is a blue button with the text "Add Item" in white.

f. If you already have a spreadsheet/excel full of the same information, you can upload this and automatically generate the inventory table

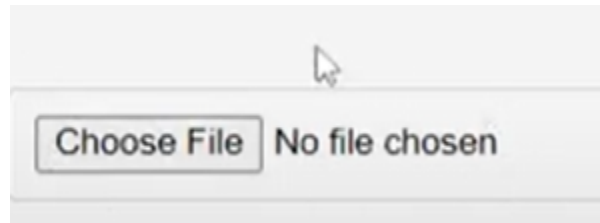
- i. Begin by clicking on the black plus icon, located underneath the “Search” text field.



- ii. Return back to your spreadsheet, hover over the “File” tab located at the top of the screen, hover over the “Download” button, and then click on the “Comma Separated Values(.csv)” option.



- iii. Navigate back to the application. At the bottom of the page, click on the “Choose File” button.



- iv. Select the file from your file explorer and click open.
- v. Select the “Upload File” button at the bottom of the page and you will then be redirected to the “View Inventory” page with a populated inventory table.



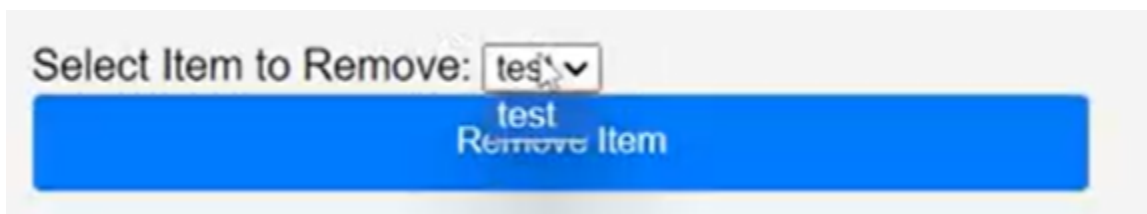
Step 6:

Removing Items

- a. To remove an item, click on the trashcan icon located underneath the “Search” text field on the “View Inventory” page.



- b. You will be redirected to the remove items page.
- c. Click on the drop down arrow and select the item that you want to remove.



- d. Finally click the “Remove Item” button and you will be redirected to the “View Inventory Page” where the inventory table no longer contains that item.

Step 7:

Sorting and Searching Items:

- e. To sort items based on ascending order, simply click on the specific header of each column of the inventory table that you want to sort.
- f. To search for items, type one of the following for the item: the name, The ID, the quantity, the price, or the supplier, into the text field labeled “Search”.

Search:

- g. Next click on the button labeled “Search” as shown above and the entries with the text you entered will show up.