

Game World

User Instructions

Inventory Management System

Capstone 2020 Project

UPC	Name	Description	Price	Used	Stock	Action
025001458612	Nintendo DS	Nintendo Hand-held device	59.99	No	7	Edit
045496590024	Nintendo Entertainment System	Nintendo Entertainment System: NES Classic Edition	59.99	No	4	Edit
045496590053	Nintendo Switch	Switch console	199.99	No	3	Edit
045496590420	Zelda Breath of the Wild	Zelda game	49.99	No	8	Edit
045496741273	Pokemon Black	pokemon game	46.95	No	7	Edit
047875882188	Diablo III Eternal Collection	Diablo III Eternal Collection, Activision, Xbox One	29.99	No	12	Edit
711719506133	God of War	Newest installment of the God of War series	19.99	No	8	Edit
711719511793	Playstation 4	Sony Playstation 4 Console 1TB	299.99	No	5	Edit
752073001056	Diablo II Ultimate Strategy Guide	Diablo II Ultimate Strategy Guide - Paperback - Bradygames	7.99	No	2	Edit
767578282213	Orange Zapper Light Gun	NES Zapper Gun	9.99	No	4	Edit
885370808278	Xbox One	Console - Standard Edition without Kinect	299.99	No	10	Edit
885370928518	Halo 5: Guardians	Halo's 5th installment in the series	9.99	No	6	Edit

April 2020
Version 1.0

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Introduction

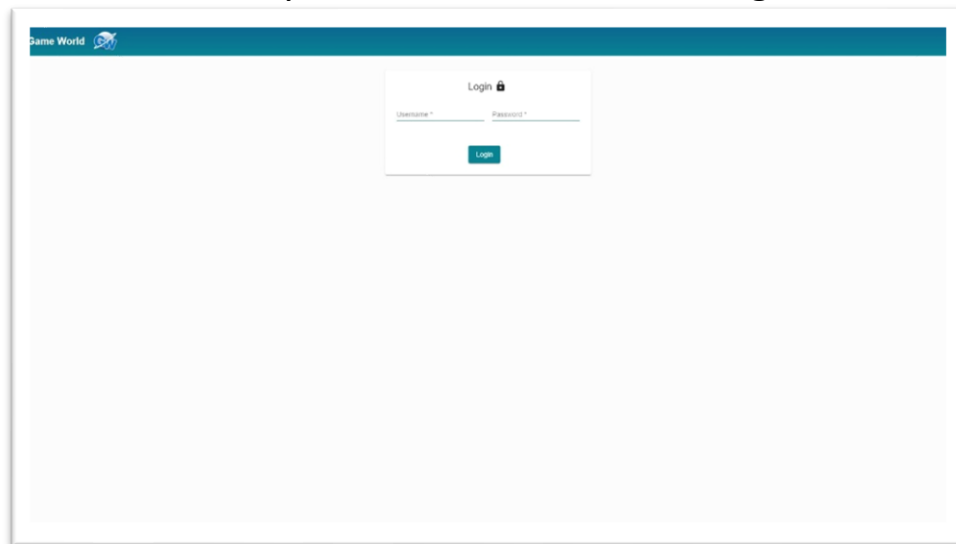
Welcome to the Game World Inventory Management System user guide. This inventory management software tool was designed specifically for Game World. With this software you will be able to track sales, buybacks, and store inventory. This user guide covers the following topics:

- General Information
 - Basic usage
 - Administrator rights
-

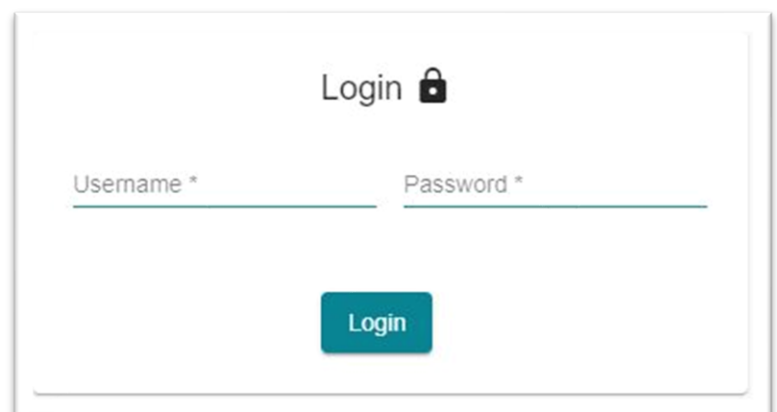
Basic use

LOGGING IN:

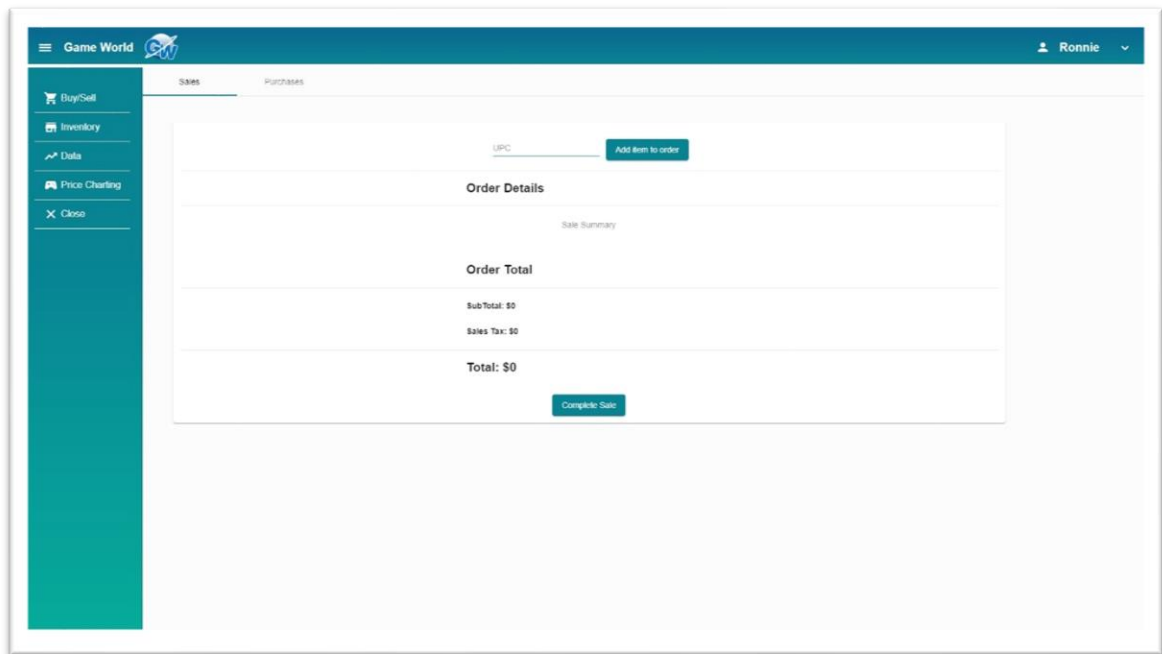
The first screen you will encounter is the login screen.

A screenshot of a web browser showing the 'Game World' login page. The page has a teal header with the 'Game World' logo and a small globe icon. In the center, there is a white login box with the title 'Login' and a lock icon. Below the title are two input fields labeled 'Username *' and 'Password *'. At the bottom of the box is a teal 'Login' button.

From here you will enter your pre-setup username and password (can be changed later). Then click the enter key or click the login button. You will then be taken to the next page, the transactions page.

A close-up screenshot of the login form. It shows the 'Login' title with a lock icon, the 'Username *' and 'Password *' input fields, and the teal 'Login' button.

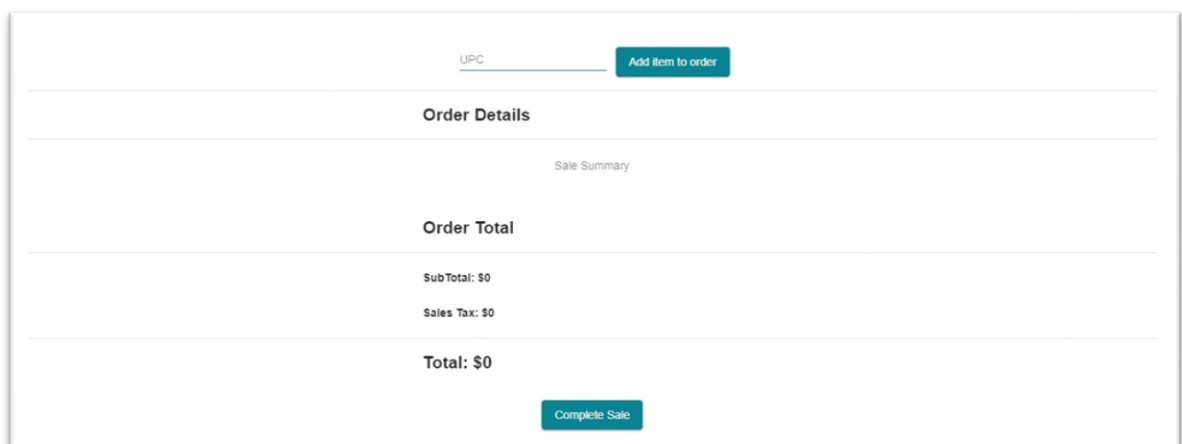
TRANSACTIONS:



The screenshot shows the 'Game World' application interface. At the top, there's a header with the 'Game World' logo and a user profile 'Ronnie'. Below the header is a sidebar menu with options: 'Buy/Sell', 'Inventory', 'Data', 'Price Charting', and 'Close'. The main content area has two tabs: 'Sales' (selected) and 'Purchases'. The 'Sales' tab displays a form for creating a sale. At the top of the form is a 'UPC' input field with an 'Add Item to order' button. Below this is a section titled 'Order Details' which contains a 'Sale Summary' table. The table lists 'Order Total', 'Sub Total: \$0', 'Sales Tax: \$0', and 'Total: \$0'. At the bottom of the form is a 'Complete Sale' button.

The transactions page has two tabs: sales, and purchases (buybacks). The Sales tab will be selected by default (selected tab is indicated by a bar under the label).

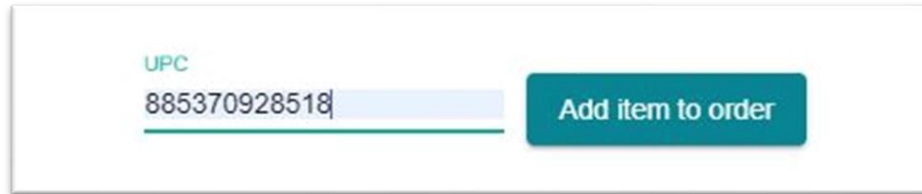
Sales:



This is a close-up of the 'Sales' transaction form. It features a 'UPC' input field at the top with an 'Add Item to order' button. Below the input field is a section titled 'Order Details' which contains a 'Sale Summary' table. The table lists 'Order Total', 'Sub Total: \$0', 'Sales Tax: \$0', and 'Total: \$0'. At the bottom of the form is a 'Complete Sale' button.

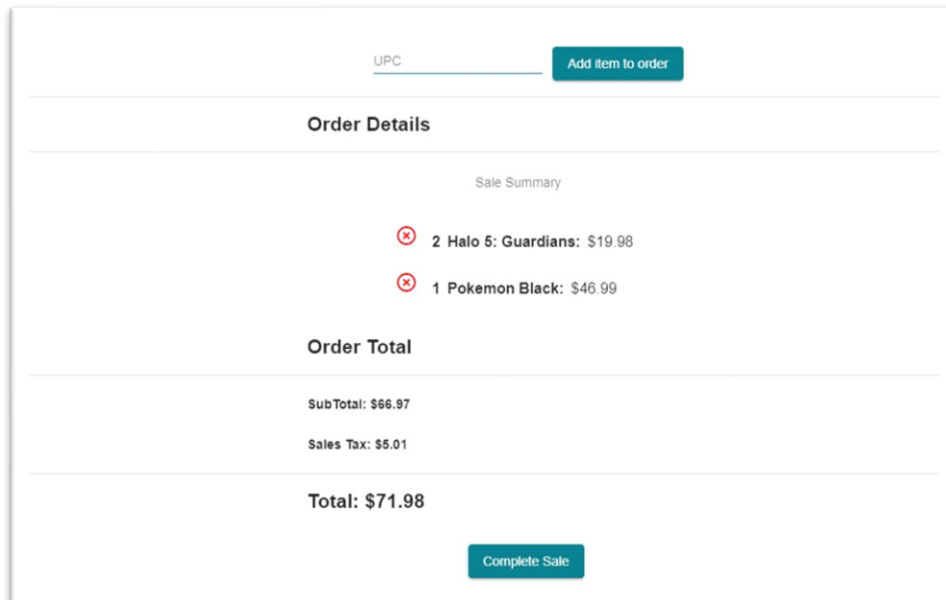
Sales transaction form

To add an item to an order you will first enter a UPC and press the enter key or click the “Add item to order” button.



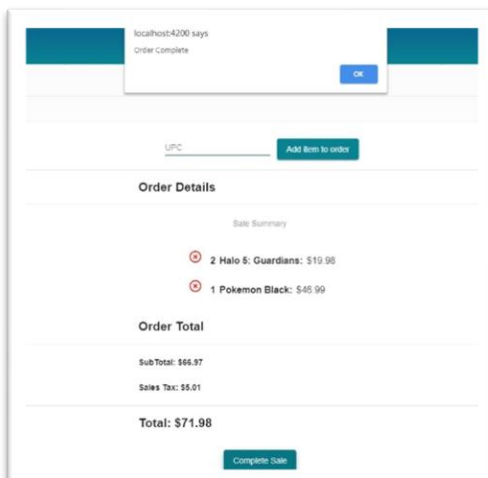
A screenshot of a web form. At the top, there is a label 'UPC' in green. Below it is a text input field containing the number '885370928518'. To the right of the input field is a teal button with the text 'Add item to order'.

Once an item is added to an order it will display as a line in the Sale Summary removal icon, quantity number, product name, and subtotal for the product. The overall order subtotal, sales tax and total will be calculated. To complete the current: click the “Complete Sales” button.



A screenshot of a web page titled 'Order Details'. At the top, there is a 'UPC' input field and an 'Add item to order' button. Below this is a section titled 'Sale Summary' which contains two items: '2 Halo 5: Guardians: \$19.98' and '1 Pokemon Black: \$46.99'. Each item has a red 'X' icon to its left. Below the 'Sale Summary' is a section titled 'Order Total' which contains the following information: 'SubTotal: \$66.97', 'Sales Tax: \$5.01', and 'Total: \$71.98'. At the bottom of the page is a teal button labeled 'Complete Sale'.

Upon the finishing of the order processing an alert will appear indicating that the order was completed. Upon clicking the alert’s “OK” button, the Order Summary and Details will clear and Be prepared to take in another order.



A screenshot of the same 'Order Details' page as above, but with an alert box displayed at the top. The alert box has a title bar that says 'localhost:4200 says' and contains the text 'Order Complete'. There is an 'OK' button in the bottom right corner of the alert box. The background content of the page is the same as the previous screenshot.

Purchases:

Add Item To Purchase Order

Item Name _____ UPC _____ Price _____ X

Add item to order

Order Details

Purchase Summary

Order Total

Total: \$0

Complete Buyback

Purchases (buyback) transaction form

To add an item to purchase order you will first enter a UPC and press the enter key. This will bring up the entered UPC's information.

UPC

Item Name _____ 045496741273 _____ Price _____ X

Add item to order

Item Name _____ UPC _____ Price _____ X

Pokemon Black 045496741273 46.99

Add item to order

From here you can edit the price to whatever number is needed. Once you have the price you want, press the “Add item to order” button to add it to the current purchase order. Subsequently if it is decided to not buy the item, pressing the button directly to the right of the price field will clear out the current item, before adding it to the order.


Price

46.99 X

Once the item is added to the purchases order, it will display all the same information as the sales order had, minus the subtotal and sales tax (see page: 6).

Order Details

Purchase Summary

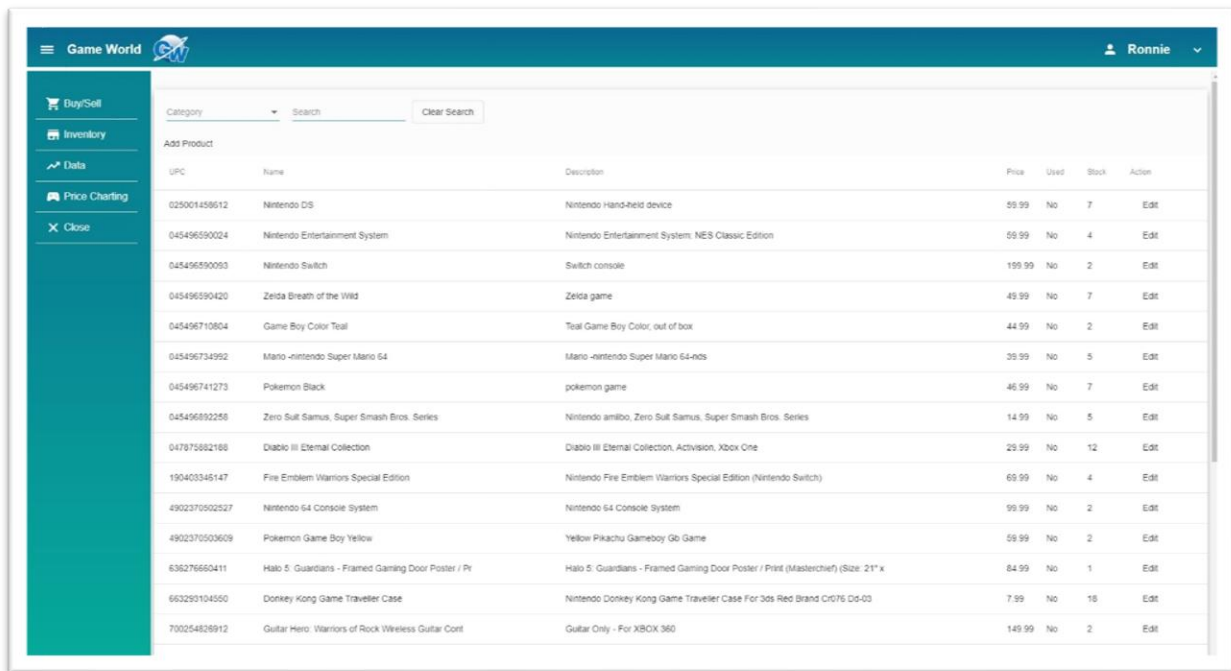
Pokemon Black 
24.50

Order Total

Total: \$24.5

Complete Buyback

INVENTORY:



UPC	Name	Description	Price	Used	Stock	Action
025001458612	Nintendo DS	Nintendo Hand-held device	59.99	No	7	Edit
045496590024	Nintendo Entertainment System	Nintendo Entertainment System, NES Classic Edition	59.99	No	4	Edit
045496590093	Nintendo Switch	Switch console	199.99	No	2	Edit
045496590420	Zeida Breath of the Wild	Zeida game	49.99	No	7	Edit
045496710804	Game Boy Color Teal	Teal Game Boy Color, out of box	44.99	No	2	Edit
045496734992	Mario -nintendo Super Mario 64	Mario -nintendo Super Mario 64-nds	39.99	No	5	Edit
045496741273	Pokemon Black	pokemon game	46.99	No	7	Edit
045496892258	Zero Suit Samus, Super Smash Bros. Series	Nintendo amiibo, Zero Suit Samus, Super Smash Bros. Series	14.99	No	5	Edit
04787582188	Diablo III Eternal Collection	Diablo III Eternal Collection, Activision, Xbox One	29.99	No	12	Edit
190403346147	Fire Emblem Warriors Special Edition	Nintendo Fire Emblem Warriors Special Edition (Nintendo Switch)	69.99	No	4	Edit
4902370502527	Nintendo 64 Console System	Nintendo 64 Console System	99.99	No	2	Edit
4902370503609	Pokemon Game Boy Yellow	Yellow Pikachu Gameboy Gb Game	59.99	No	2	Edit
636276660411	Halo 5: Guardians - Framed Gaming Door Poster / Pi	Halo 5: Guardians - Framed Gaming Door Poster / Print (Masterchief) (Size: 21" x	84.99	No	1	Edit
663293104560	Donkey Kong Game Traveller Case	Nintendo Donkey Kong Game Traveller Case For 3ds Red Brand C1576 D1-03	7.99	No	18	Edit
700254828912	Guitar Hero: Warriors of Rock Wireless Guitar Cont	Guitar Only - For XBOX 360	149.99	No	2	Edit

Inventory Table:

The Inventory table displays a product's:

UPC	Name	Description	Price	Used	Stock	Action
025001458612	Nintendo DS	Nintendo Hand-held device	59.99	No	7	Edit

- UPC
- Name
- Description
- Price
- Whether they are used or not
- Current Stock
- The ability to edit specific a product

Sort:

Each column on the Inventory table can be sorted in ascending or descending order. Any non-numerical value will be sorted in Alphabetical order (A-Z/Z-A), while any numerical value will be sorted smallest-largest or largest-smallest.

UPC	Name ↑
877083845923	AV Composite Cable For Nintendo 64 N64 / GameCube
818033016475	Custom Xbox One Controller Glossy White
752073001056	Diablo II Ultimate Strategy Guide
047875882188	Diablo III Eternal Collection
663293104550	Donkey Kong Game Traveller Case
190403346147	Fire Emblem Warriors Special Edition
045496710804	Game Boy Color Teal

Name sorted in ascending order, (A-Z)

The column that is currently controlling the sorting is indicated by an arrow, its directing indicating whether the sort is in ascending or descending order. This is the same for every other column in the table.

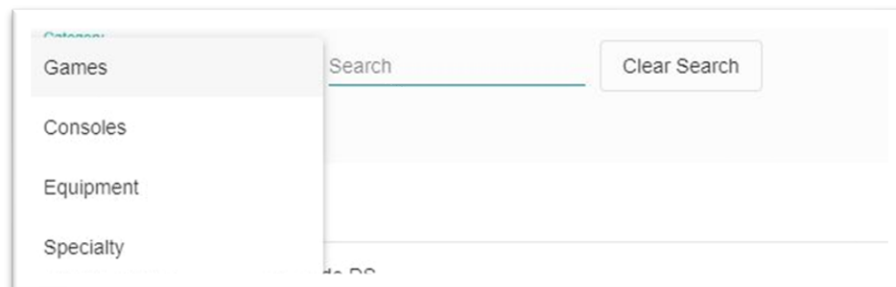
Search:

The inventory can be searched on two levels: categories and name. You can search by name from the entire inventory or additionally filter by category, i.e. Games, Consoles, ...etc. This is all done through the search bar located at the top of the Inventory table.



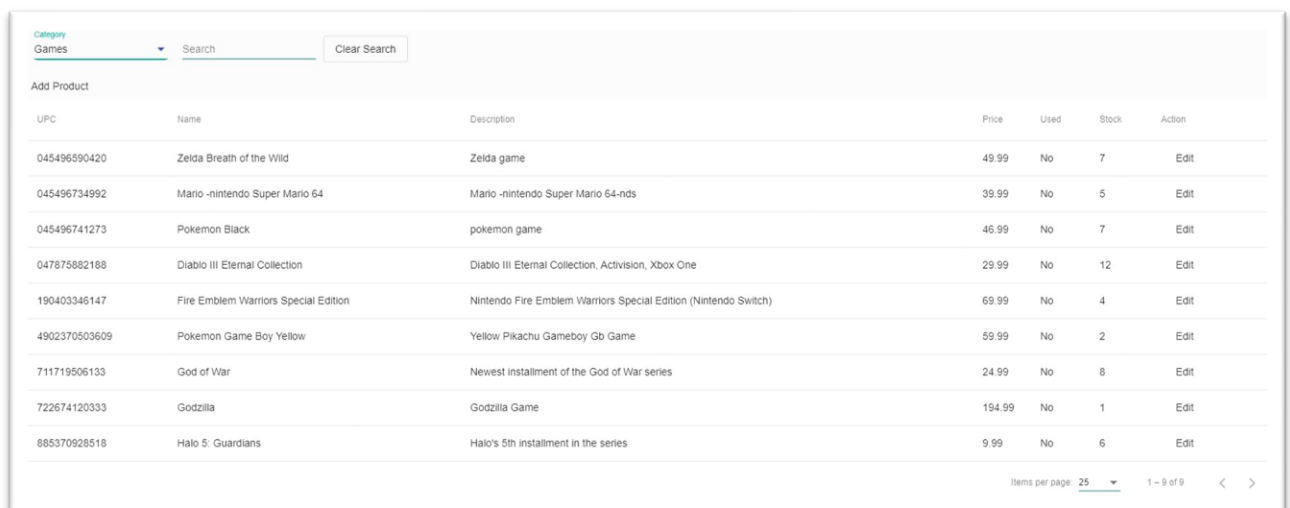
The search bar consists of a dropdown menu labeled 'Category' with a downward arrow, a text input field labeled 'Search', and a 'Clear Search' button.

You can search by category through the category dropdown field. By clicking on the drop-down a list of all searchable categories will display.



The category dropdown menu is open, showing a list of categories: Games, Consoles, Equipment, and Specialty. The 'Games' category is highlighted. The search input field and 'Clear Search' button are also visible.

Once a category has been clicked the inventory table will display products only from that category.



The inventory table displays a list of products filtered by the 'Games' category. The table has columns for UPC, Name, Description, Price, Used, Stock, and Action. The 'Add Product' button is located at the top left of the table.

UPC	Name	Description	Price	Used	Stock	Action
045496590420	Zelda Breath of the Wild	Zelda game	49.99	No	7	Edit
045496734992	Mario -nintendo Super Mario 64	Mario -nintendo Super Mario 64-nds	39.99	No	5	Edit
045496741273	Pokemon Black	pokemon game	46.99	No	7	Edit
047875882188	Diablo III Eternal Collection	Diablo III Eternal Collection, Activision, Xbox One	29.99	No	12	Edit
190403346147	Fire Emblem Warriors Special Edition	Nintendo Fire Emblem Warriors Special Edition (Nintendo Switch)	69.99	No	4	Edit
4902370503609	Pokemon Game Boy Yellow	Yellow Pikachu Gameboy Gb Game	59.99	No	2	Edit
711719506133	God of War	Newest installment of the God of War series	24.99	No	8	Edit
722674120333	Godzilla	Godzilla Game	194.99	No	1	Edit
885370928518	Halo 5: Guardians	Halo's 5th installment in the series	9.99	No	6	Edit

Items per page: 25 1 - 9 of 9 < >

Category: Games

From here you can search within the category using the search field. Which will then display all products within that category whose name contains the search field.

Category: Games

SearchPoke

Clear Search

Add Product

UPC	Name	Description	Price	Used	Stock	Action
045496741273	Pokemon Black	pokemon game	46.99	No	7	Edit
4902370503609	Pokemon Game Boy Yellow	Yellow Pikachu Gameboy Gb Game	59.99	No	2	Edit

Items per page: 251 - 2 of 2<>

Category: Games, Search: Poke

To clear the search items, click the “Clear Search” button next to the search field. This will reset the inventory table, displaying all products in the inventory. From here you can search through the whole inventory, or by category.

Search

Poke

Clear Search

Editing Products:

The button to edit a product is in the very last column of the Inventory table. Clicking the button will bring up a dialog with all the product information, to be edited, minus the UPC.

Price	Used	Stock	Action
4.99	No	12	Edit

Edit Inventory Item

UPC	Name *
<input type="text" value="877083845923"/>	<input type="text" value="AV Composite Cable For"/>
Description *	Price *
<input type="text" value="AV Composite Cable For Nintendo 64 N64 / GameCube / SNES"/>	<input type="text" value="4.99"/>
Condition *	Stock *
<input type="text" value="Used"/>	<input type="text" value="12"/>

Cancel Update

When you are finished editing the product click the “Update” button to submit all changes done to the product. To discard all changes to the product, click the “Cancel” button. The edit dialog will close, and the Inventory table will be updated to reflect these changes.

Adding Products:

The button to add a product is located below the search bar at the top left of the Inventory table. Clicking the button will bring up a dialog with a form to add a product.

Category Search Clear Search

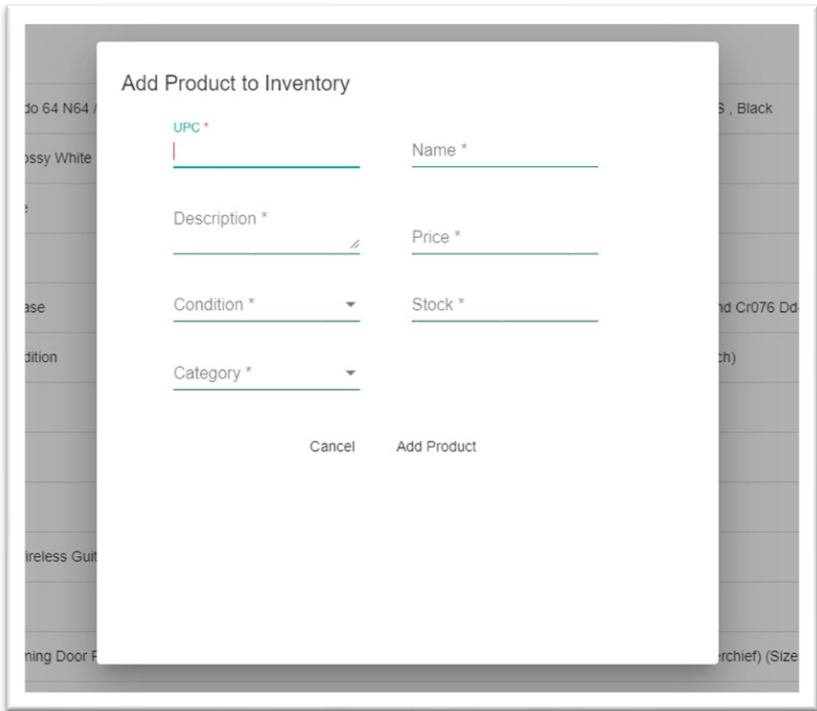
Add Product

UPC Name ↑

All Products:

For all product types you will enter a:

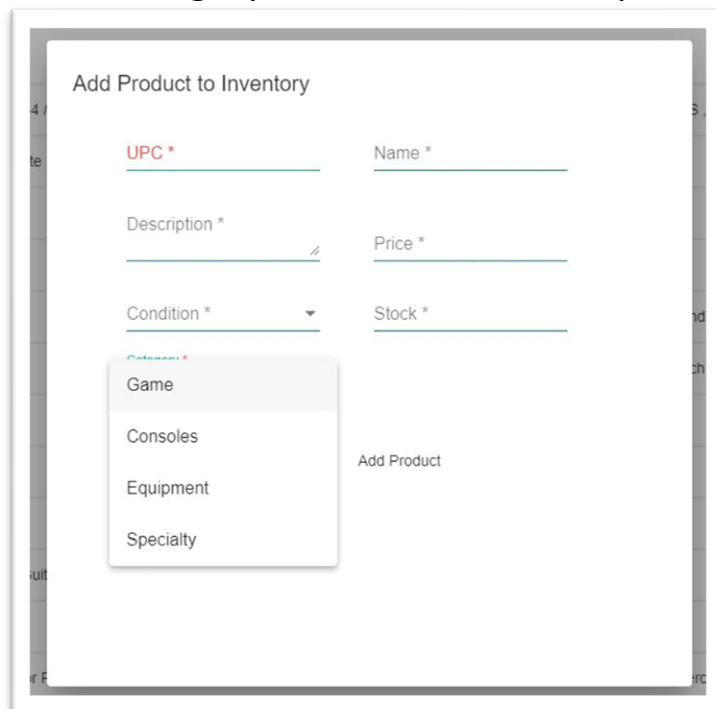
- UPC
- Name
- Description
- Price
- Condition
- Stock
- Category



A screenshot of a web application showing a modal form titled "Add Product to Inventory". The form is overlaid on a background of a product catalog. The form contains the following fields: "UPC *" (text input), "Name *" (text input), "Description *" (text input with a slash icon), "Price *" (text input), "Condition *" (dropdown menu), "Stock *" (text input), and "Category *" (dropdown menu). At the bottom of the form are two buttons: "Cancel" and "Add Product".

Categories:

Depending on what category is chosen, different product fields will be required.



A screenshot of the same "Add Product to Inventory" form, but with the "Category *" dropdown menu open. The dropdown menu shows four options: "Game", "Consoles", "Equipment", and "Specialty". The "Add Product" button is visible at the bottom right of the form.

Games:

If the category Game is chosen you will be prompted to enter the following (the Brand will be decided by the Console):

- Genre
- Console
- Brand

The screenshot shows a web form titled "Add Product to Inventory". It contains the following fields and controls:

- UPC ***: Text input field.
- Name ***: Text input field.
- Description ***: Text input field with a "lock" icon.
- Price ***: Text input field.
- Condition ***: Dropdown menu.
- Stock ***: Text input field.
- Category ***: Dropdown menu with "Game" selected.
- Genre ***: Dropdown menu.
- Console ***: Dropdown menu.
- Brand**: Text input field.
- Buttons**: "Cancel" and "Add Product" at the bottom.

Both the Genre and Console fields are filled by drop-downs.

This screenshot shows the "Add Product to Inventory" form with the "Genre *" dropdown menu open. The menu lists the following options:

- Action
- Adventure
- Science Fiction
- Horror

This screenshot shows the "Add Product to Inventory" form with the "Console *" dropdown menu open. The menu lists the following options:

- Nintendo DS
- Nintendo Entertainment System
- Switch
- Game Boy Color Teal
- Nintendo 64

Consoles:

If the Consoles category is chosen you will be prompted to enter the following (the Brand will be decided by the Generation):

- Generation

The console Generation field is filled by a drop-down.

Add Product to Inventory

UPC *

Name *

Description *

Price *

Condition *

Stock *

Category *

Consoles

Generation *

Brand

Cancel

Add Product

Add Product to Inventory

UPC *

Name *

Description *

Price *

Condition *

Stock *

Category *

Consoles

Generation *

Xbox One

Playstation 4

Switch

Nintendo DS

Nintendo 64

Equipment:

If the Equipment Category is chosen you will be prompted to enter the following (the Brand will be decided by the Console):

- Type
- Console
- Brand

Add Product to Inventory

UPC *	Name *
Description *	Price *
Condition *	Stock *
Category *	Type *
Equipment	
Console *	Brand

Cancel Add Product

Both the Type and Console fields are filled by drop-downs.

Add Product to Inventory

UPC *	Name *
Description *	Price *
Condition *	Stock *
Category *	Type *
Equipment	
Console *	

Nintendo DS
Nintendo Entertainment System
Switch
Game Boy Color Teal
Nintendo 64

Add Product to Inventory

UPC *	Name *
Description *	Price *
Condition *	Stock *
Category *	Type *
Equipment	
Console *	

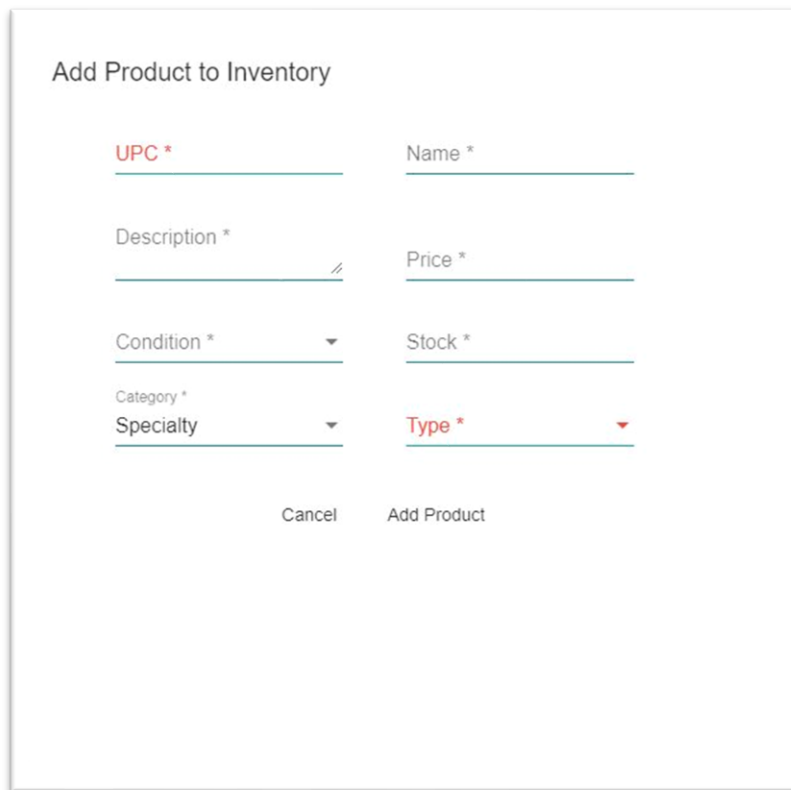
Controller
Case
Headset
Cables

Cancel

Specialty:

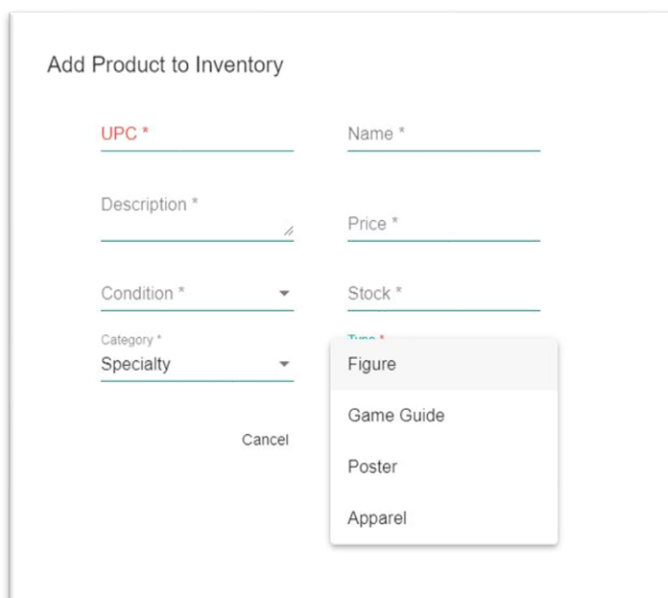
If the Specialty category is chosen you will be prompted to enter the following:

- type



The screenshot shows a web form titled "Add Product to Inventory". It contains several input fields and dropdown menus. The "UPC *" field is highlighted in red. The "Name *" field is a standard text input. The "Description *" field has a small icon in the bottom right corner. The "Price *" field is a standard text input. The "Condition *" field is a dropdown menu. The "Stock *" field is a standard text input. The "Category *" dropdown menu is set to "Specialty". The "Type *" dropdown menu is also highlighted in red. At the bottom of the form, there are two buttons: "Cancel" and "Add Product".

Specialty Type drop-down:



This screenshot shows the same "Add Product to Inventory" form as the previous one, but with the "Type *" dropdown menu open. The dropdown menu lists four options: "Figure", "Game Guide", "Poster", and "Apparel". The "Figure" option is currently selected and highlighted. The "Cancel" button is visible at the bottom left of the form.

Submitting the new Product:

Once you have filled all the prompted information, click “Add Product” to submit the product. The dialog will close, and the Inventory table will be refreshed to display the changes made to it (adding of product in this case).

Add Product to Inventory

UPC *

885370928518

Name *

Ghawe, Guru of Spores

Description *

Magic the Gathering
Figurine

Price *

13.70

Condition *

New

Stock *

3

Category *

Specialty

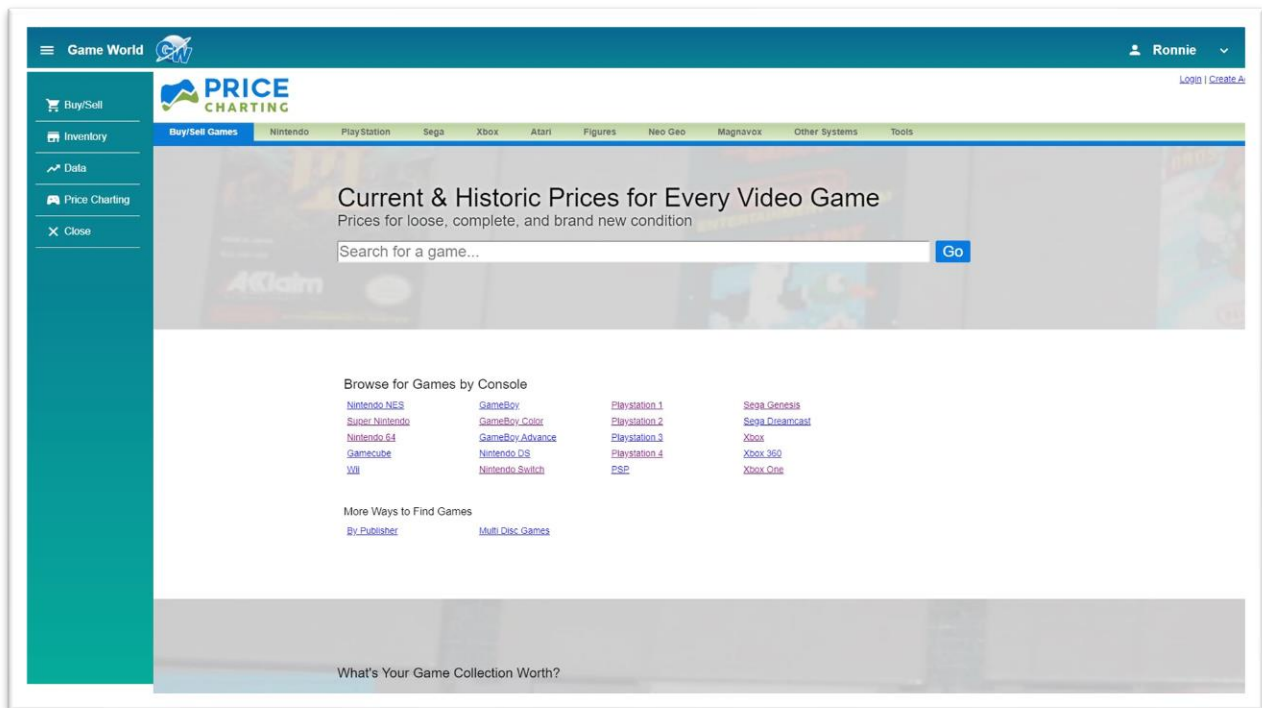
Type *

Figure

Cancel

Add Product

PRICE CHARTING:

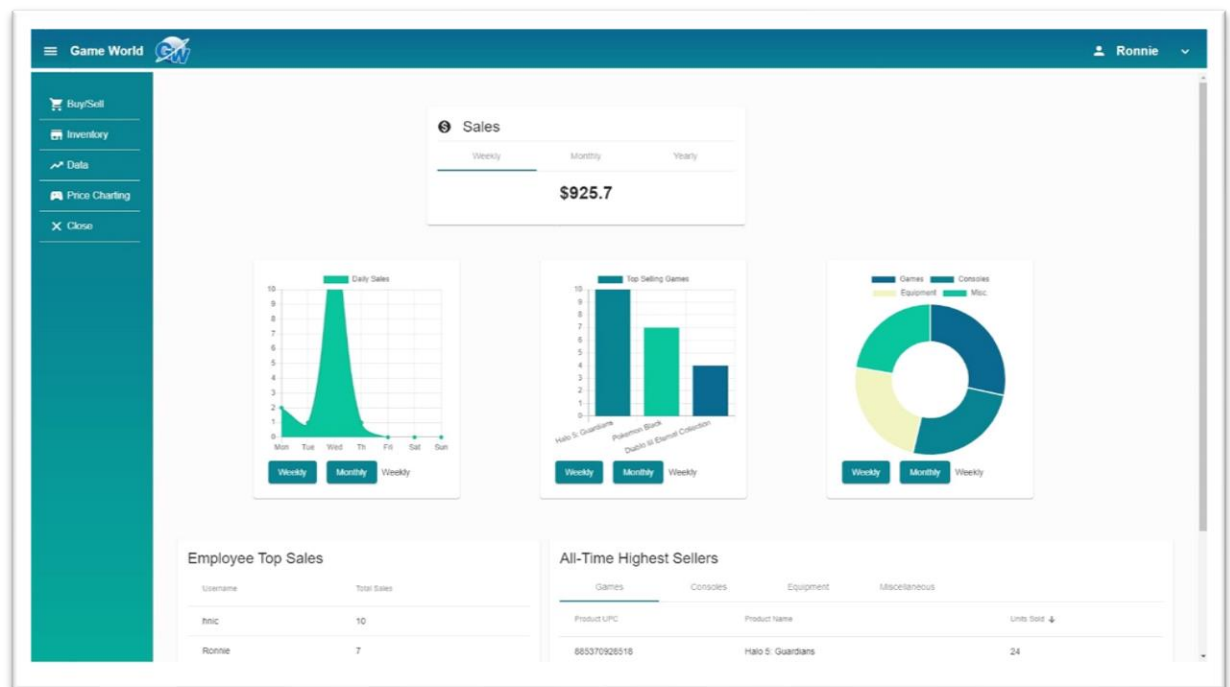


The Price Charting feature links directly to [pricecharting.com](https://www.pricecharting.com). Standard price charting navigation applies.

Administrator rights:

User's with administrator rights will have access to certain areas within the application that others will not even be able to see. These areas include the Data and User Settings pages.

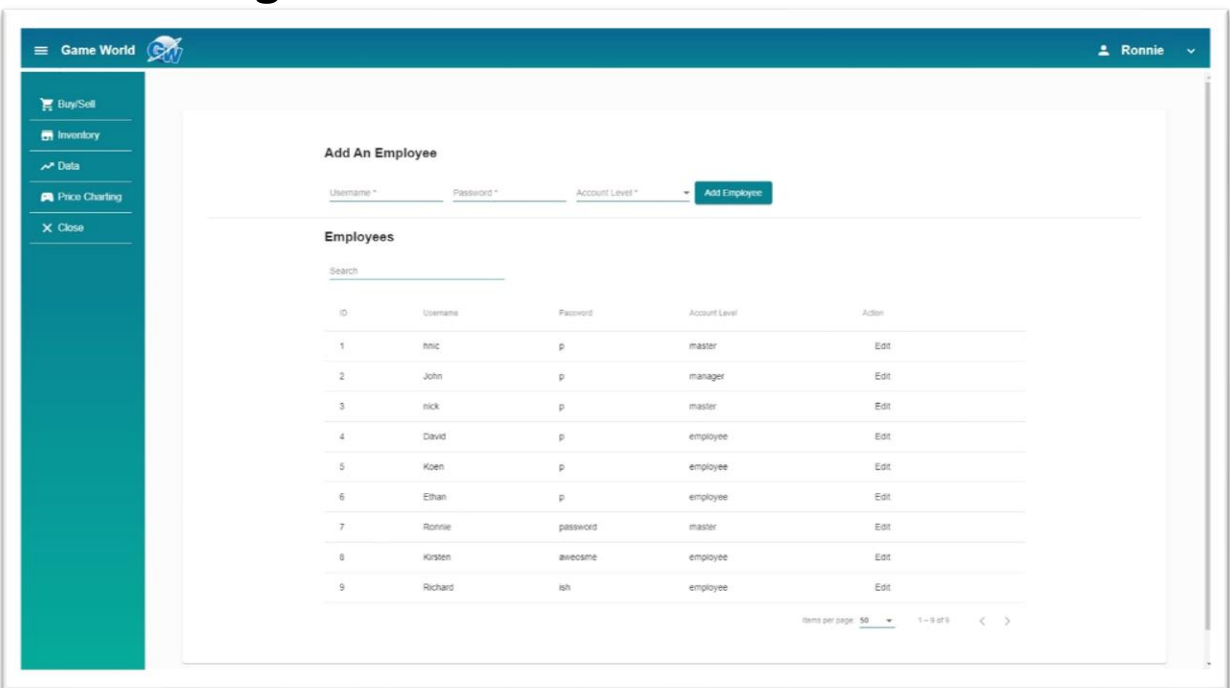
Data Reports:



The Data page reports on different aspects of Game World's sales. The page contains:

- Sales revenue (Weekly, Monthly, Yearly)
- Top days for sales (Weekly & Monthly)
- Top 5 selling games (Weekly & Monthly)
- Category sales numbers (Weekly & Monthly)
- Employee transactions (Weekly & Monthly)
- All time highest selling products (Weekly & Monthly)

User Settings:



Add An Employee

Username * Password * Account Level * Add Employee

Employees

Search

ID	Username	Password	Account Level	Action
1	hnic	p	master	Edit
2	John	p	manager	Edit
3	nick	p	master	Edit
4	David	p	employee	Edit
5	Koen	p	employee	Edit
6	Ethan	p	employee	Edit
7	Ronnie	password	master	Edit
8	Kirsten	awesome	employee	Edit
9	Richard	ish	employee	Edit

Items per page: 50 1 - 9 of 9

Users Table:

The users table displays all users within the application. Each user can be searched for and edited from this table.

Employees				
Search				
ID	Username	Password	Account Level	Action
1	hnic	p	master	Edit
2	John	p	manager	Edit
3	nick	p	master	Edit
4	David	p	employee	Edit
5	Koen	p	employee	Edit

Account Levels:

There are three levels of user:

- Employee
- Manager
- Master

The master level is the only level, currently, with access to the entirety of the application and will be the reference for the rest of the Administrator section.

Editing a User:

Editing a user in the application is very simple, using the form in the table. This form can be accessed by clicking edit on the user row you want to edit.

7	Ronnie	password	master	Edit
---	--------	----------	--------	------

When editing a user you will be able to change the username, password and account level.

Edit User

User ID: 1

Username *: hnic

Password *: *

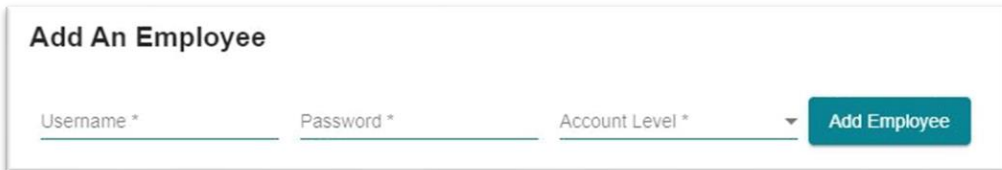
User Level *: Master

Cancel Update

Once everything looks correct, click the “Update” button to submit the changes for the user in the application’s users list.

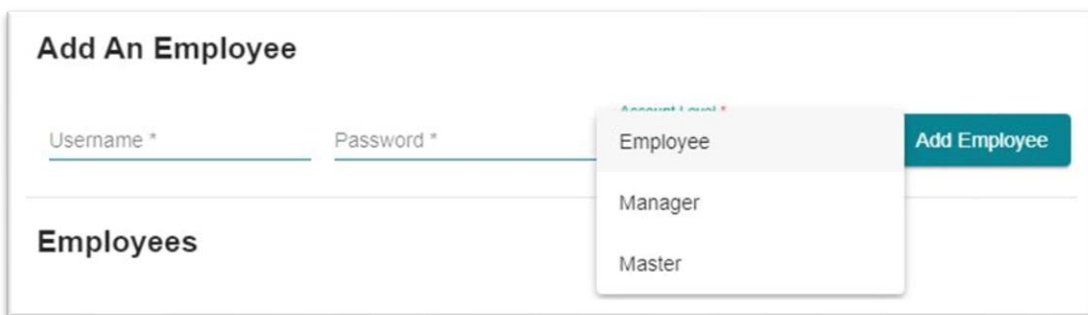
Adding a User:

Adding a user to the application is very simple, using the form at the top of the User Settings page.



The screenshot shows a form titled "Add An Employee". It contains three input fields: "Username *" with a green underline, "Password *" with a green underline, and "Account Level *" with a dropdown arrow. To the right of these fields is a teal button labeled "Add Employee".

To add a user, you will need to enter a username, password, and select a user level for the new user.



This screenshot shows the "Add An Employee" form with the "Account Level *" dropdown menu open. The menu lists three options: "Employee", "Manager", and "Master". The "Employee" option is highlighted. The "Add Employee" button is visible to the right of the dropdown. Below the form, the word "Employees" is visible.

Once everything looks correct, click the “Add Employee” button to add the user to the application’s users list.