Game World

User Instructions

Inventory Management System

Capstone 2020 Project

April 2020
Version 1.0

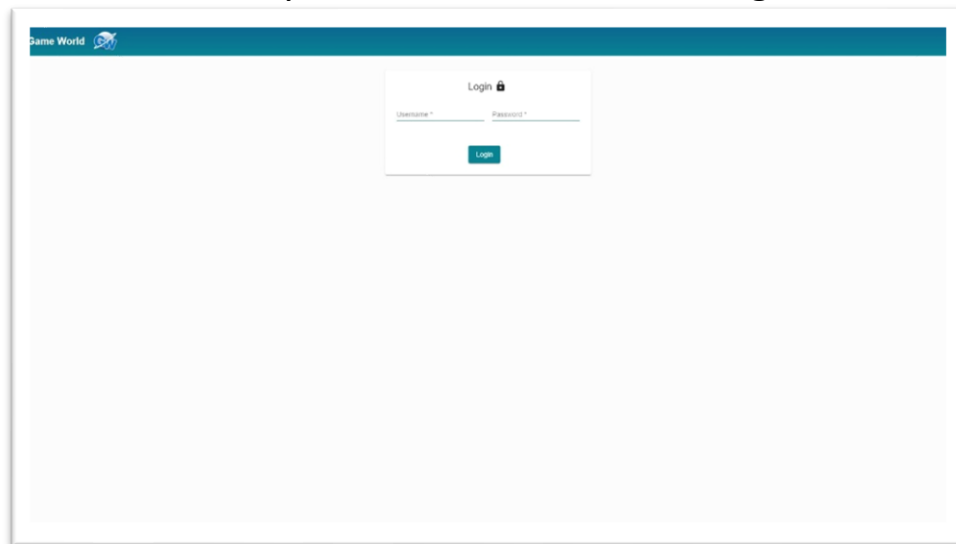# Table of Contents

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
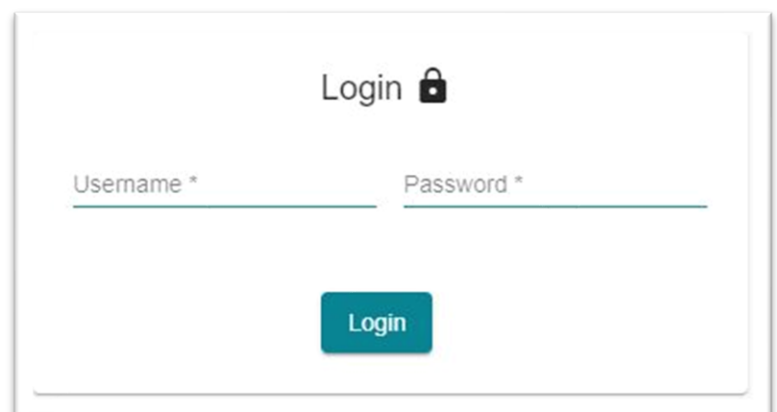- Basic usage
- Administrator rights

Basic use

LOGGING IN:

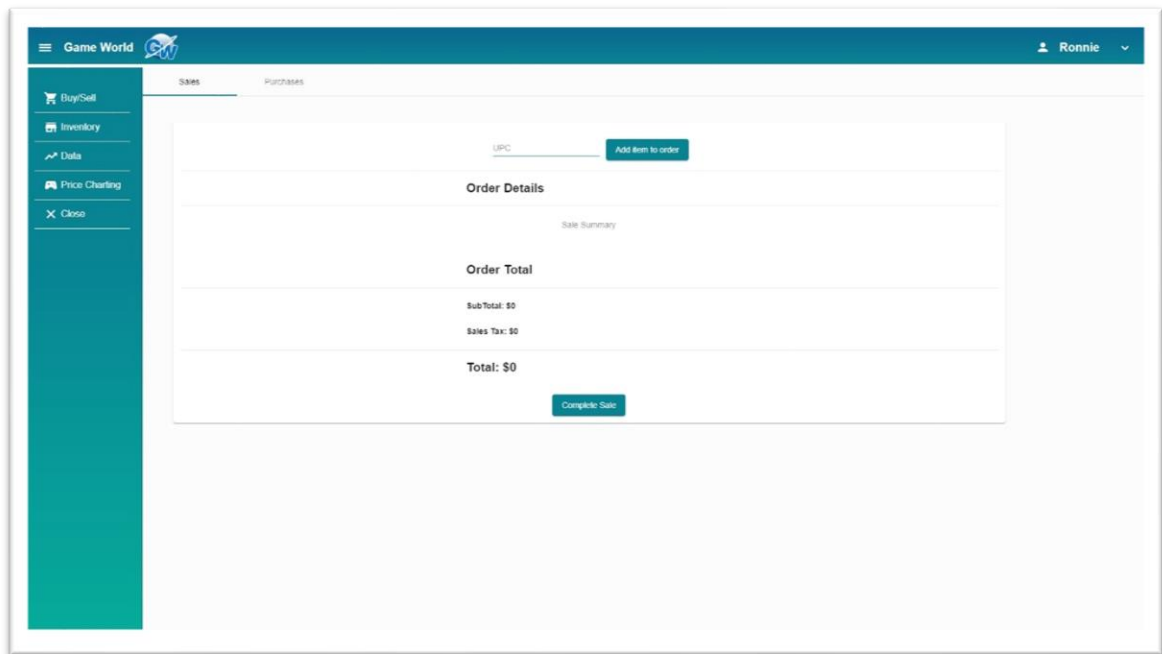The first screen you will encounter is the login screen.

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.

TRANSACTIONS:

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:

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.

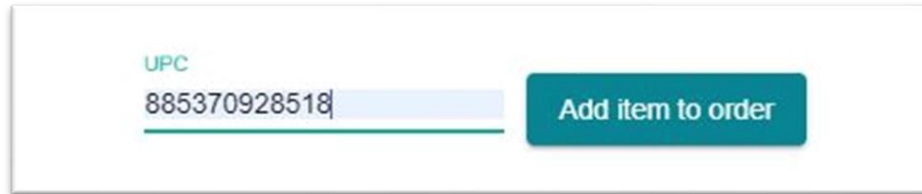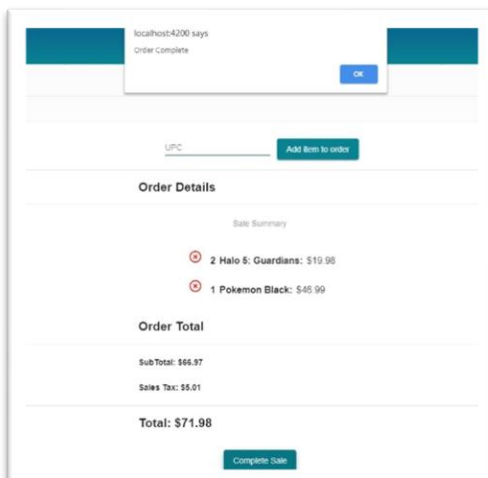Once an item is added to an order it will display as a line in the Sale Summary removal icon, quantity number, product name, and subtotal for the product. The overall order subtotal, sales tax and total will be calculated. To complete the current: click the "Complete Sales" button.

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.

Purchases:

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.

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.

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
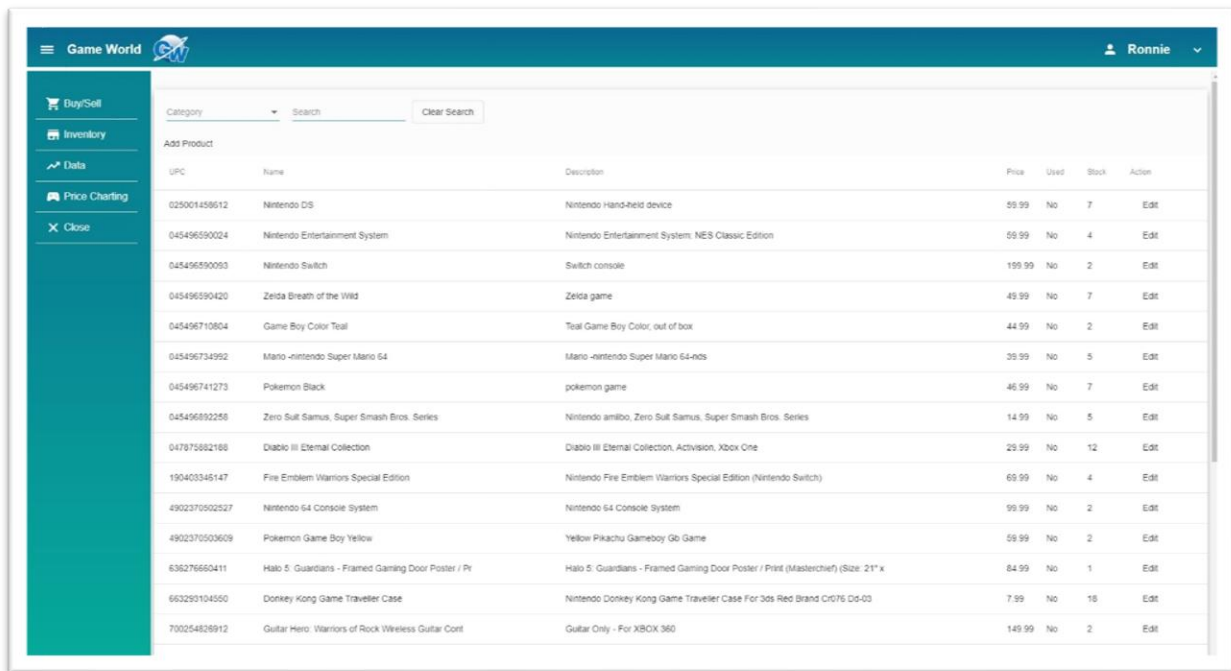
Pokemon Black ⊗
24.50

Order Total

Total: $24.5

Complete Buyback

INVENTORY:

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.
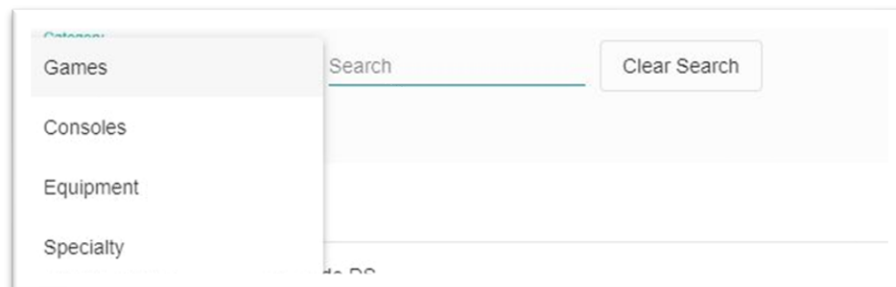
Search:

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.
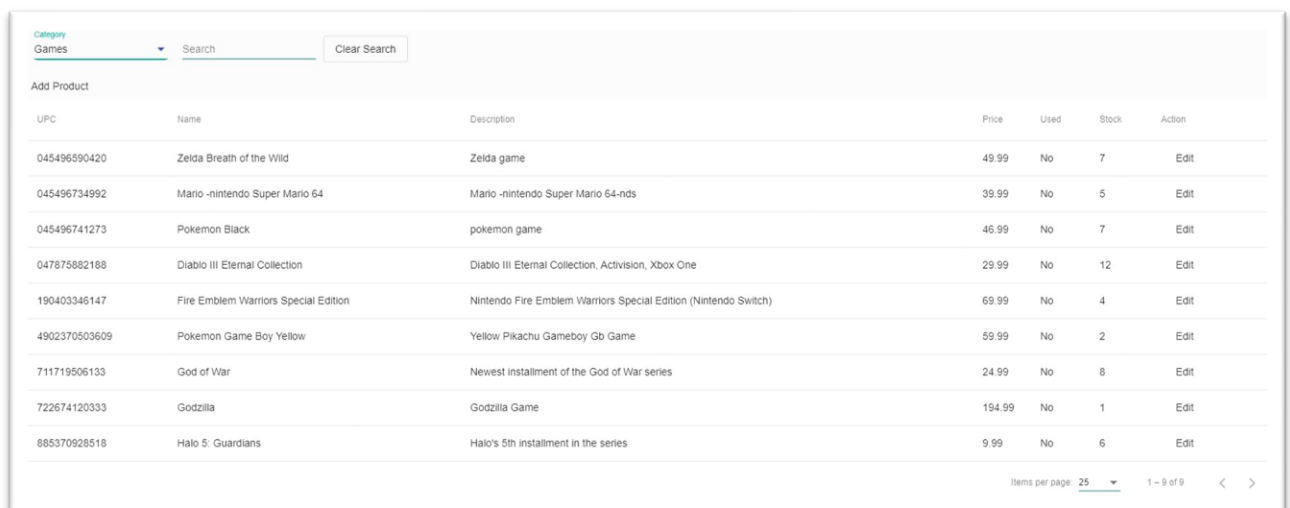

You can search by category through the category dropdown field. By clicking on the drop-down a list of all searchable categories will display.

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

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, 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.

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.

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.
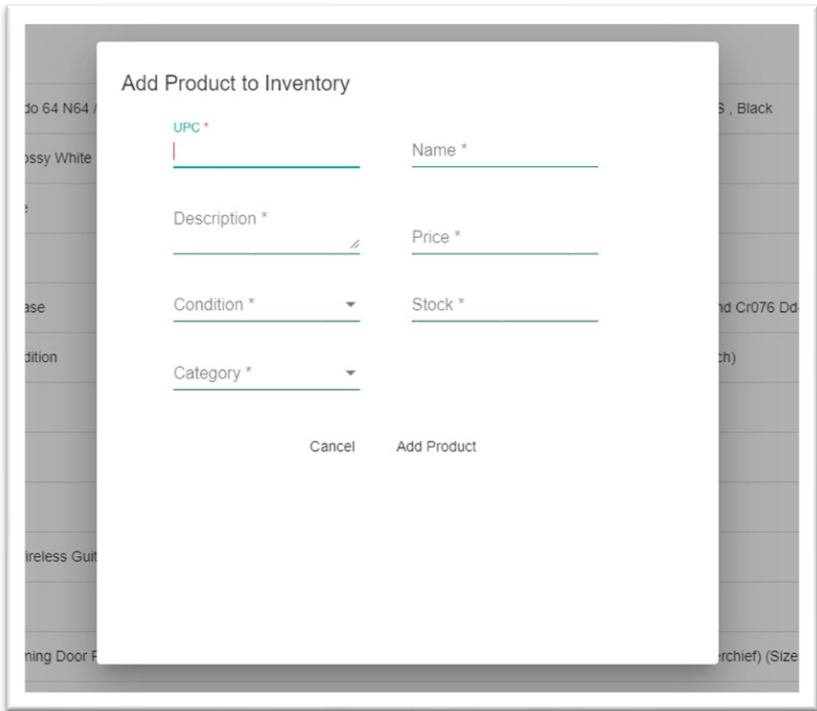
All Products:

For all product types you will enter a:
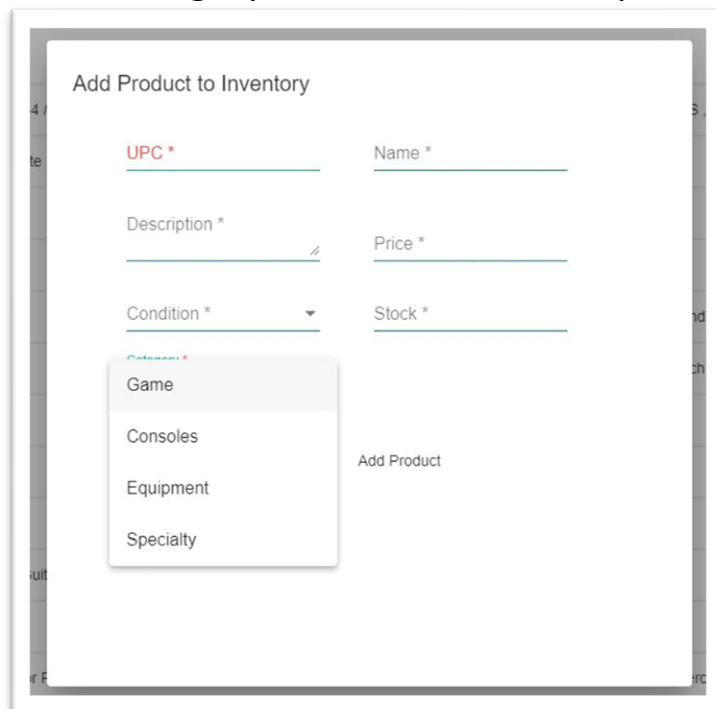
- UPC
- Name
- Description
- Price
- Condition
- Stock
- Category

Categories:

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

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

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

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.

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

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

Specialty:

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

- type

Specialty Type drop-down:

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 *
Ghave, Guru of Spores

Description *
Magic the Gathering Figurine

Price *
13.70

Condition *
New

Stock *
3

Category *
Specialty

Type *
Figure

Cancel   Add Product

PRICE CHARTING:
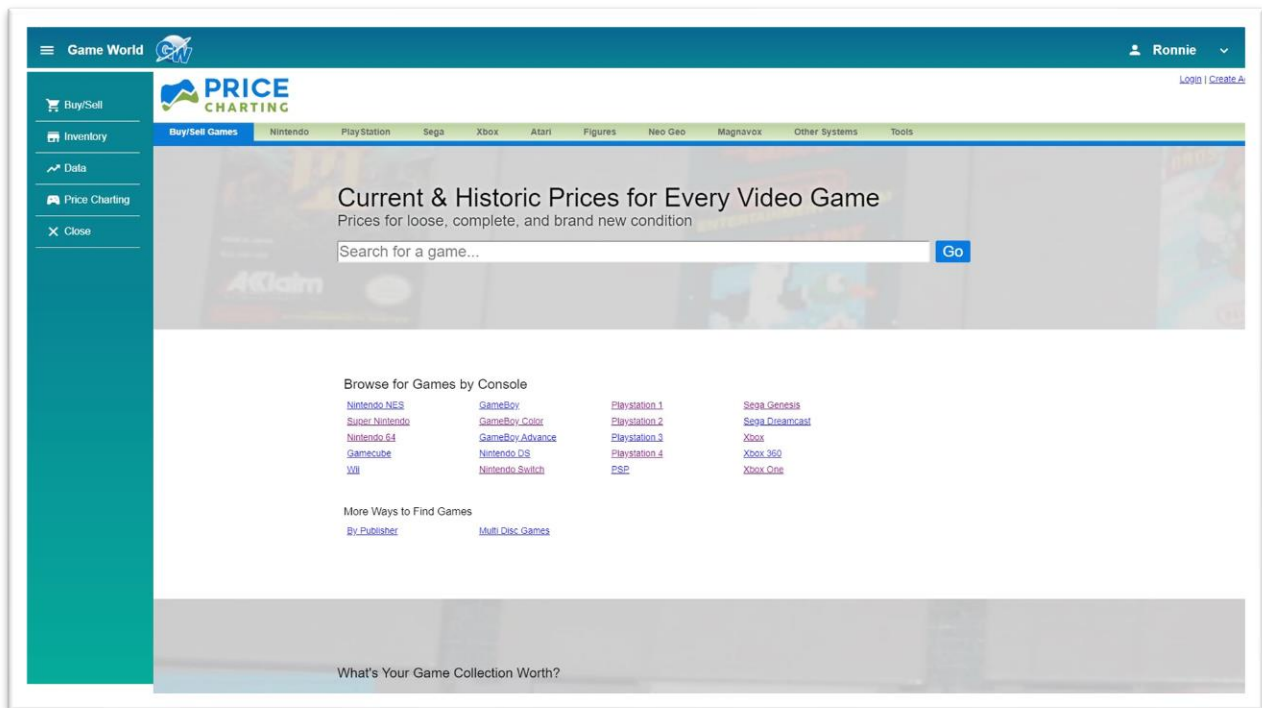
The Price Charting feature links directly to pricecharting.com. Standard price charting navigation applies.

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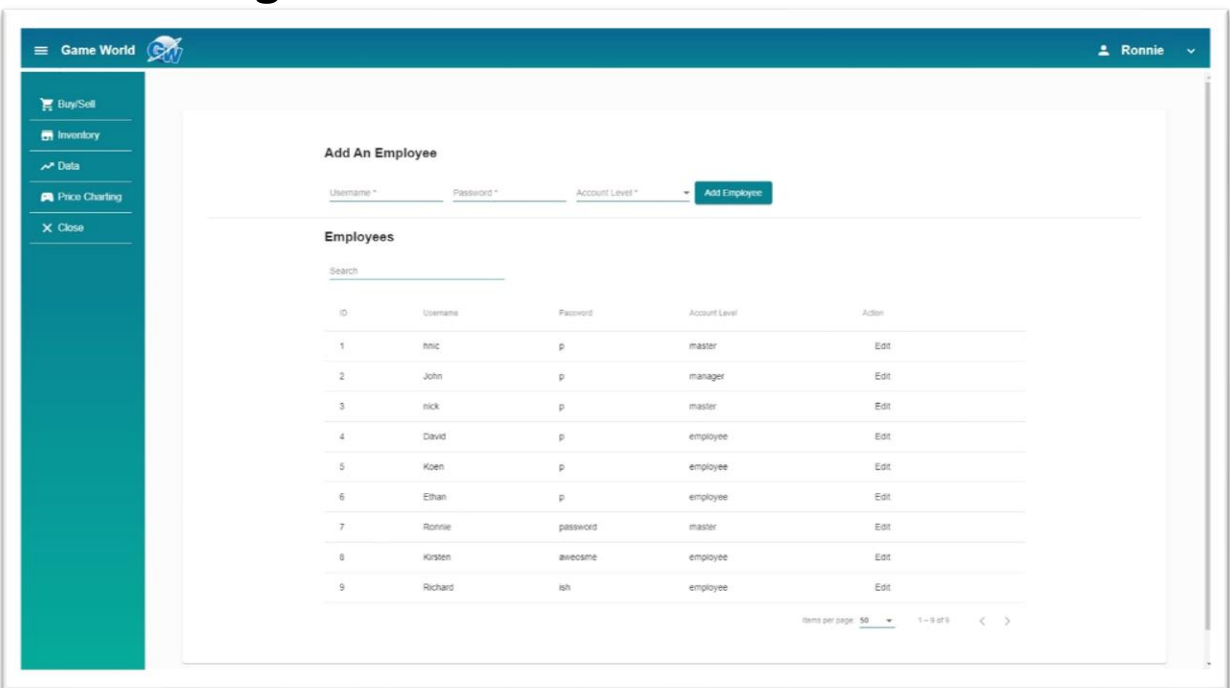
Data Reports:
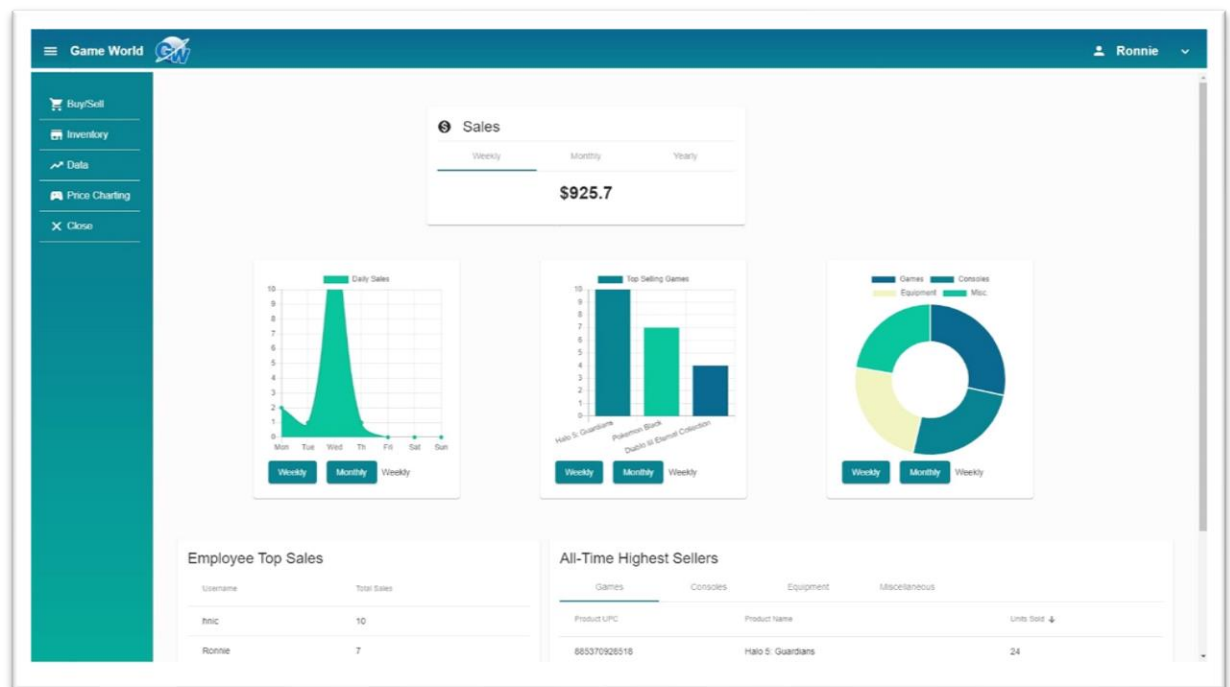
The Data page reports on different aspects of Game World's sales. The page contains:

- 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:

Users Table:

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

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 *
.

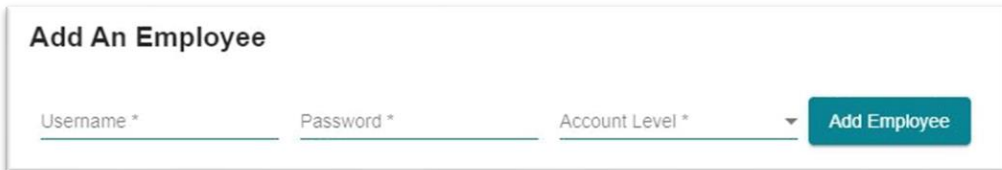User Level *
Master

Cancel   Update

Once everything looks correct, click the "Update" button to submit the changes for the user in the application's users list.
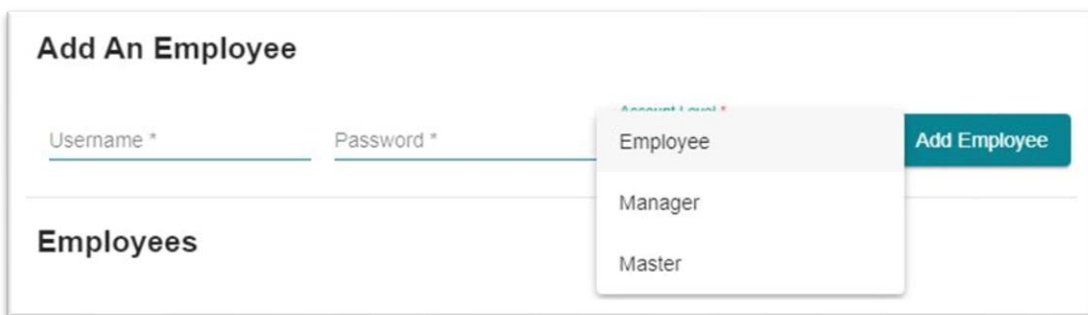
Adding a User:

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

Add An Employee

Username *   Password *   Account Level *   ▾   **Add Employee**

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

Add An Employee

Username *   Password *   Account Level *
                                         Employee   **Add Employee**

Employees   Manager

                                         Master

Once everything looks correct, click the "Add Employee" button to add the user to the application's users list.