

Shopping Cart

User Manual

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Spring 2019 Edition

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1. Introduction

Welcome to your brand new Shopping Cart software. This software, further referred to as a program, provides a simple interface for storing and selling products from. The program has its own provided database which has a storage dependent upon the system running it. The program is an all in one shopping cart software and requiring very little setup thus making it a simple stand alone program for the home business user.

1.1 System Requirements

This product is designed and tested to work with Linux and Windows machines.

1.2 Installation

The easy and streamlined installation only requires that the provided files be extracted from the ZIP folder. The only additional installations you may read about and learn how to get from the following sites

- Python 3:
 - <https://www.python.org/downloads/>
- Pillow 6.0.0
 - <https://pillow.readthedocs.io/en/stable/releasenotes/6.0.0.html>
- Cryptography:
 - <https://pypi.org/project/cryptography/>
- Taxjar
 - <https://developers.taxjar.com/api/guides/python/>

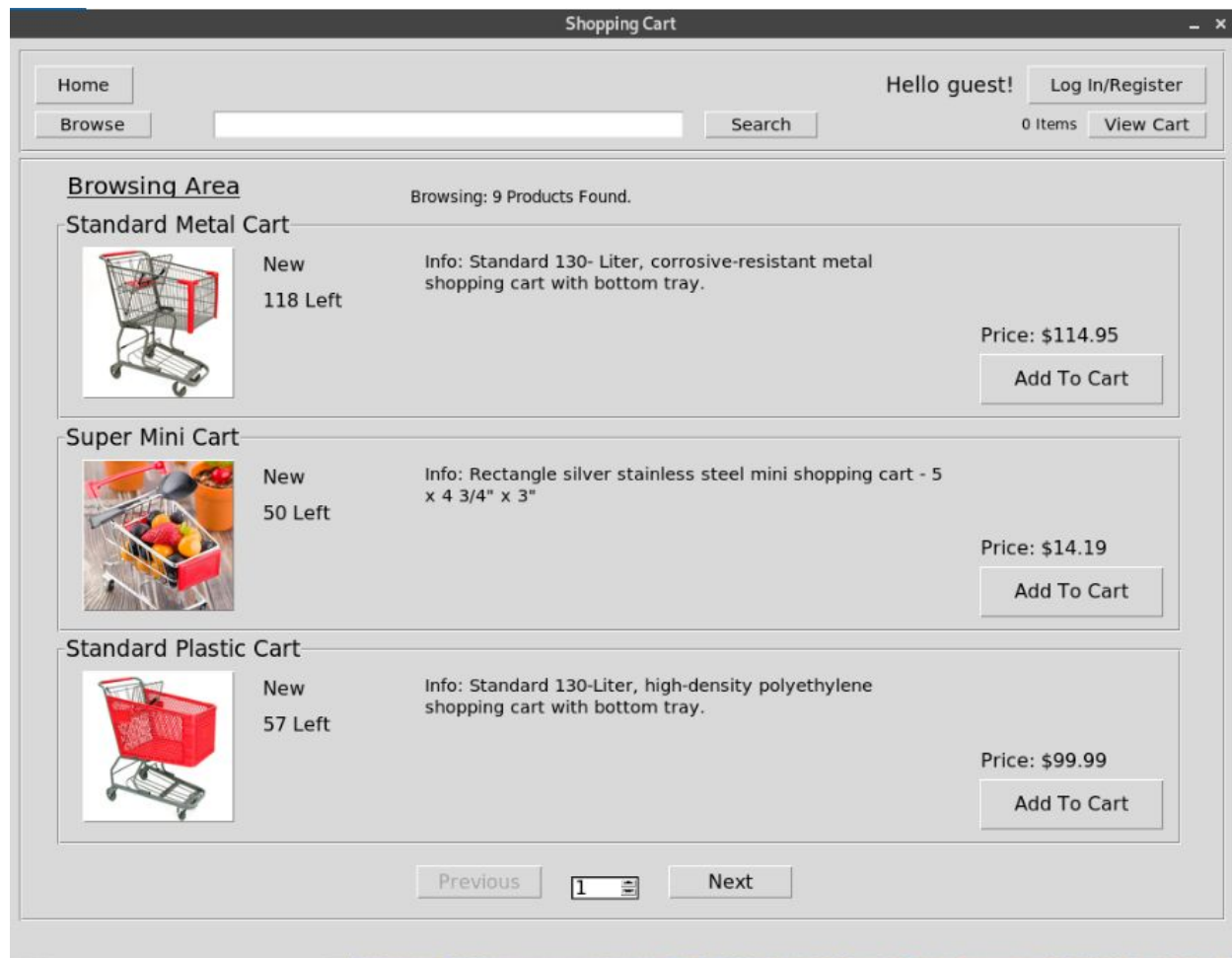
2. Getting Started

Simply unzip the provider file and download the dependencies listed in section 1.2 above. After these steps have been taken the run ShoppingCart.exe and the program should be ready.

3. Basic Operations

3.1 The Home Screen

When running ShoppingCart.exe the homepage will be displayed as seen below. The home button in the upper left is always available on any page, and will return you to this page. The Log In/Register Button in the upper right will be explained in both sections 3.2 Creating Accounts and 3.3 Login. The functionalities of this page in regards to the search bar and the displayed products will be explained in section 4 Cart Operations.



3.2 Creating Accounts

If you already have an account, please move on to 3.3 Login. After clicking on the Log In/Register button the image below will be displayed. In order to create a new account, simply fill out the required information within the Register box in the bottom half of the field. A

username and password are required, but for identifying purposes you may also add a First Name and Last Name. Simply click register, then move onto the Login section below.

The screenshot shows a window titled "Shopping Cart" with a standard Windows-style title bar (minimize, maximize, close buttons). The interface is divided into a header section and a main content area. The header contains navigation buttons: "Home", "Browse", and a "Search" button next to a text input field. On the right side of the header, it says "Hello guest!" followed by a "Log In/Register" button. Below this, it shows "0 Items" and a "View Cart" button. The main content area has two distinct sections. The first section is titled "Login" and contains two text input fields labeled "Username" and "Password", with a "Login" button below them. The second section is titled "Register" and contains four text input fields: "Username", "Password", "First Name", and "Last Name", along with a "Confirm Password" field. A "Register" button is located at the bottom of this section.

3.3 Login

When opening the software a reserved guest user will automatically be login. the Within the same same page displayed in the Creating Accounts section above, please read that section for how to get to this page. Above the Register box is the Login box which simply requires a username and password of a valid Shopping Cart user to be entered into the appropriate fields. Simply click the Login button within the Login box and the “hello guest!” message next to the Log In/Register button will be changed to “hello X” where x is the username you have logged in as. To logout, simply click the Account button which should have replaced the Log In/ Register button and click the logout button which should be located near where the Login box used to be on that page.

3.4 Closing the System

To close the program, simply click the X icon in the upper right of the program window.

4. Cart Operating

4.1 Searching for Products

Searching for a product can be done one of two ways: browsing and searching. To browse for an item, simply hit the browse button to be brought to the browsing page. From here, you may page next or previous with each browsing page displaying up to three items available in the store, until you find the desired item. To search for an item, from any page use the search bar which is always available at the top of the program window. Type in the item desired and click search, if the item is available in the store it, and all its variants, should now be displayed on the page.

4.2 Adding Products to the Cart

After following the process in Searching for Products, and a desired item is found, simply click the Add To Cart button located within the item box. Clicking this multiple times will add one additional item to the cart, but the quantity of items in the cart may be edited as detailed in Editing Items in the Cart.

4.3 Editing Items in the Cart

To edit an item in your cart, first click the View Cart button located in the upper right underneath the Account Button. This button will bring users to the checkout page (shown below), but the cart may be edited before checking out. For convenience a Remove One and Remove All buttons are provided for items within your cart to either decrease the quantity by one or to clear the item out of the cart completely. The quantity may also be increased or decreased by changing the number within the Amount widget. When editing items in the cart keep in mind that the Item Price above the Remove One button is the price for one of the Item, and the Price located under the amount widget is the combined price for the total quantity of that item taking in the reduction for any Promotion codes that may have been entered. Move onto the next section to see how to enter a promotion code.

Shopping Cart


[Home](#)
[Browse](#)

Hello jdoe!
[Account](#)
1 Items
[View Cart](#)

Shopping Cart

1 Items Found In Cart.

Standard Metal Cart



New

Info: Standard 130- Liter, corrosive-resistant metal shopping cart with bottom tray.

Item Price \$114.95

Amount:

Price: \$114.95

[Remove One](#)

[Remove All](#)

Promotion Code

Shipping Address

Card Information

/

Subtotal: \$114.95

Tax: \$8.65 (7.525% Tax)

Total: \$123.60

Checkout Options

[Previous](#)

[Next](#)

4.4 Applying Promotions


To enter a promotion code, navigate to the checkout page as detailed in Editing Items in the Cart above. On the right hand side of this page, look for the Promotion Code widget as seen in the image in Editing Items in the Cart above. Simply enter the case sensitive Promotion Code into this widget and click the Apply Code button below. If the promotion is valid, it will be applied immediately to one valid item within your cart. If the promotion is not valid, an error message will appear informing the user of the validity of the promotion.

4.5 Checking Out

To check out, navigate to the checkout page as detailed in Editing Items in the Cart above after selecting the items you would like to checkout as detailed in Adding Products to the Cart above. After those steps have been taken, and all promotion codes have been entered as detailed in Applying Promotions above, please fill out the required Shipping Address information using a credit/debit card of the same address. Following adding the Shipping Address, please enter the

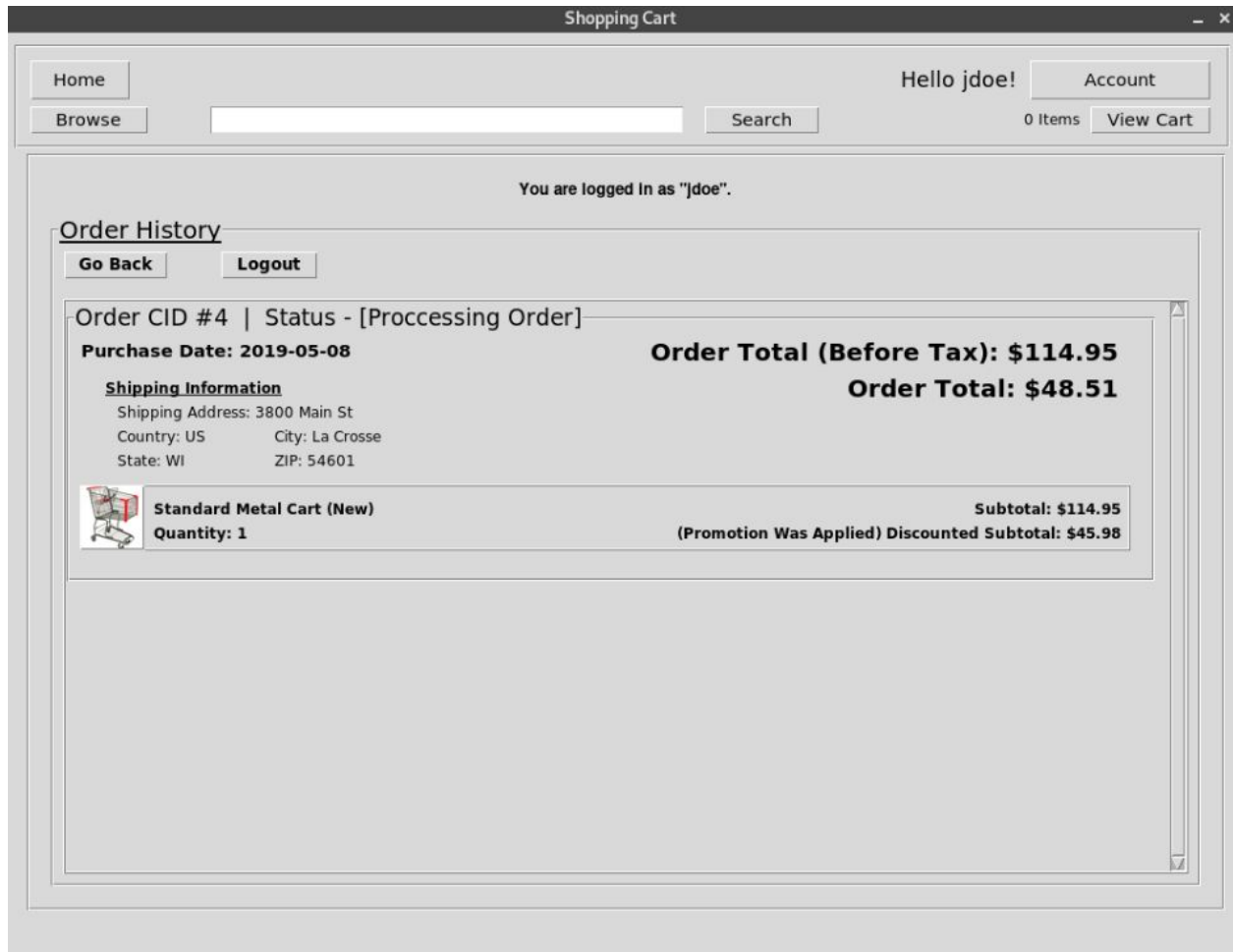
appropriate Card Information. Both of these are demonstrated in the image below for an example of how to format such information. Finally, review your total and click the Debit/Credit Card button to complete the checkout. The appropriate popup windows will appear to confirm the purchase of all products in the cart.

The screenshot displays a web application's shopping cart interface. At the top, a navigation bar includes links for Home, Browse, and Search, along with a user greeting 'Hello jdoe!' and an Account link. The main content area is titled 'Shopping Cart' and shows '1 Items Found In Cart.' The item listed is a 'Standard Metal Cart', described as 'New' and 'Info: Standard 130- Liter, corrosive-resistant metal shopping cart with bottom tray.' The item price is \$114.95, and the amount is 1. The price is \$114.95, and the discounted price is \$45.98. There are buttons for 'Remove One' and 'Remove All'. A 'Checkout Completed' popup window is centered on the screen, displaying a lightbulb icon and the message 'The checkout was successful, thank you for your purchase.' with an 'OK' button. On the right side, there are sections for 'Promotion Code' (with a text input field containing 'STAND' and an 'Apply Code' button), 'Shipping Address' (with fields for street, city, state, country, and zip), 'Card Information' (with fields for card number, expiration date, and cardholder name), and 'Checkout Options' (with a 'Debit/Credit Card' button). The bottom of the cart area has 'Previous' and 'Next' buttons with a quantity selector set to 1.

Shopping Cart	
1 Items Found In Cart.	
Standard Metal Cart	
	New Info: Standard 130- Liter, corrosive-resistant metal shopping cart with bottom tray. Item Price \$114.95 Amount: 1 Price: \$114.95 Discounted: \$45.98 Remove One Remove All
Checkout Completed The checkout was successful, thank you for your purchase. OK	
Promotion Code STAND Apply Code	
Shipping Address 3800 Main St La Crosse WI US 54601	
Card Information 6721-6721-6721-6723 12 / 22 144 Discover	
Subtotal: \$114.95 Subtotal: \$45.98 (With Promos) Tax: \$2.53 (5.5% Tax) Total: \$48.51	
Checkout Options Debit/Credit Card	

4.6 Viewing Order Histories

Any user may view their history of orders by navigating to their account page from any page in the system. To do this, simply Log In to an account as detailed in Login and click the Account button in the upper right of the screen where the Log In/Register button used to reside. From the account page, find the Order History button located near the middle of the Account page and click it. The Order History page, shown below, is a convenient and scrollable page to review all purchases the current user has made over the lifetime of their membership.



5. Admin Functionalities

This is the Account Page for admins. Users will only have the Order History button.



5.1 Adding New Products

Navigate to the account page using the steps detailed in Viewing Order Histories. Please locate the Add/Edit/Remove product button and click it to get the Add/Edit/Remove Products page which is displayed below. For new products, fill in the fields on the left with description being an optional field. Finally, add an image by clicking the Find Image button and navigating to where your desired image is located on your local system. Finally, click Add/Replace Product to add the new product once all information is correct.

Shopping Cart

Home

Browse

Search

Hello admin!

Account

0 Items

View Cart

You are logged in as "admin".

Add/Remove/Edit Products

Go Back

Product Name:

Nested Carts

Price:

1331

New

Used

Quantity

256

Description:

Selected: Used

These are some Nested Carts be careful they can deceive the eyes

Available Products


21252000 {all carts} Used 1.0 0 {This is
2465845 {World's Largest Cart} Used 13555
2452172 {Rusty Cart} Used 23.33 99 {Ruste
1010101 {Metal Basket} New 13.59 15 {Chro
9080124 {Plastic Basket} New 8.89 100 {Re
2226111 {Two-Tier Metal Cart} New 88.59 1
1235463 {Standard Plastic Cart} New 99.99
6523781 {Super Mini Cart} New 14.19 50 {R
2334279 {Standard Metal Cart} New 114.95

Selected:

Clear Selection

Clear All

Remove Selected Product



Find Image

Add/Replace Product

Logout

5.2 Editing Existing Products

To edit an item, follow the steps for getting to the Add/Edit/Remove Products page. The steps for editing a product are much like adding a new product except for one simple step. Before editing any of the product info on the left, select any of the available products within the Available Products widget in the middle of the page. The Product's info should be auto filled on the left. Simply edit any of its info or change its image, then once everything is correct, click the Add/Replace Product button to confirm the edited information.

Shopping Cart

Home

Browse

Search

Hello admin!

Account

0 Items

View Cart

You are logged in as "admin".

Add/Remove/Edit Products

Go Back

Product Name:

Super Mini Cart

Price:

14.19

New

Used

Quantity

50

Description:

Selected: New

Rectangle silver stainless steel mini shopping cart - 5" x 4 3/4" x 3"

Available Products


21252000 {all carts} Used 1.0 0 {This is
2465845 {World's Largest Cart} Used 13555
2452172 {Rusty Cart} Used 23.33 99 {Ruste
1010101 {Metal Basket} New 13.59 15 {Chro
9080124 {Plastic Basket} New 8.89 100 {Re
2226111 {Two-Tier Metal Cart} New 88.59 1
1235463 {Standard Plastic Cart} New 99.99
6523781 {Super Mini Cart} New 14.19 50 {R
2334279 {Standard Metal Cart} New 114.95

Selected: Super Mini Cart

Clear Selection

Clear All

Remove Selected Product



Find Image

Add/Replace Product

Logout

5.3 Adding New Promotions or Modifying Existing

Navigate to the account page using the steps detailed in Viewing Order Histories. Click the Add/Edit/Remove Promotion button to get to the Add/Edit/Remove Promotion page displayed below. All fields on the left are required and the Starting and Ending Date must be in the form YYYY-MM-DD as in Year-Month-Day with the appropriate number of characters shown (For clarity see the example below). Also, discounts are taking in a decimal point number with 1 equaling 100% and 0.5 being 50%. Finally, Click the Add Promo button to create the promo. This promo will be come valid only when the starting date matches the current system date and will be invalid once the current system date is after the ending date. To modify the promotion simply just add a promotion with the same Promo Code and any updated information below it.

Shopping Cart

Home

Browse

Search

Hello admin!

Account

0 Items

View Cart

You are logged in as "admin".

Add/Remove/Edit Promotions

Go Back

Promotion Code:
Starting Date:
Ending Date:
Discount:

Add Promo

Products

21252000 {all carts}
2465845 {World's Largest Cart}
2452172 {Rusty Cart}
1010101 {Metal Basket}
9080124 {Plastic Basket}
2226111 {Two-Tier Metal Cart}
1235463 {Standard Plastic Cart}
6523781 {Super Mini Cart}
2334279 {Standard Metal Cart}

List of Added Promotions

RUSTED 2019-04-04 2019-06-06 0.5 2452172
BIG 2019-05-06 2019-05-10 0.4 21252000
APC 2019-01-01 2020-01-01 0.4 6523781
APR14 2019-04-14 2019-04-18 0.2 2334279

Remove Selected Promo

Logout

Glossary

Cart - this is a virtual cart acting in much the same way a physical one would from a brick and mortar store.

Shopping Cart - this is the name of the program.

Widget - this is an on screen input container users may interact with for convenient functionalities.