

Pivo Warehouse System

Pivo Warehouse

Management System: User Guide

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Intended audience

This manual is intended to provide assistance to users who are using the Pivo Warehouse Management System Application and also allows guests who are new to our warehouse system to check whether they want to use our warehouse or not without having to login in or sign up.

Structure

The manual provides a brief overview of the Pivo warehouse management system components. It then presents a user password page with a few buttons for login and for guests who are not a part of this warehouse system and we have a basic exit button that can help you close the page. And further the structure is user friendly and is easily understandable and to know more about the system applications further instructions and information is provided in the below chapters.

Warehouse Management System Overview

The Pivo warehouse management system allows you to manage inventory and processes in your warehouse system. The Pivo warehouse management system overview: concept guide provides an overview of various processes in a warehouse for diverse enterprise.

Some of the basic structure and overview of our project is in the coming lines that gives a brief view of our warehouse system. A login provides a view of customers, storage space and products and have a further feature of disconnect which basically disconnects the user from the database login. Further clicking on products allows you to search products either by product ID or by the product category and provides you with features of adding editing and deleting those and every page has a back button that redirects to your previous page. A customer's page allows you to view customer. However features like editing, deleting and adding are not allowed as for that user authentication is required. The last page is the storage space that also allows you with similar features however you need to be a member of the warehouse system to allow some of the applications to be accessible to you. Storage space allows you to check how much space is available in the warehouse further mentioning the pallet and aisle where the product is placed.

Customers

Some of the basic features like editing, deleting and adding are allowed however that could only be done if you have the access otherwise these features are as good as nothing.

Guests

The main page allows you to check the storage space by just clicking on the guests and that will allow the user to check how much space is available without logging in or signing in. It also allows the user to check all the products and the information that might be needed about the specified product. And in the end allows the user to exit the page.

Managing Inventory

Operations on a warehouse system are broken into different processes as it is critical to capture and track inventory at basic levels of these processes. The Pivo warehouse management system provides comprehensive functionality to track, monitor and maintain inventory in a warehouse. The Pivo warehouse management system allows the users to access multiple nodes and perform various warehouse operations. Permission to access those nodes or functions depends on the user as only authorized staff users are allowed to make amendments to this data.

Searching for inventory:

Using the inventory search screens, you can perform

- Product search by ID
- Product search by category

Again functions like adding inventory and doing basic features are available but for that also we need to follow some steps that are mentioned below and the users again need an authentication or basic access to work with these functions.

Other inventory functions available are to edit, delete and add the product data which is pretty much just done by using the buttons and a dropdown menu allows you to choose making the work easier. A storage space allows you to keep a track of the available space and where should the next product be place depending on the space left that could be used.

Check in:

On the basic user form we have a check in and a check out page but for now the check in page has its own customer page where we can fill the basic information of the customers like ID, Name, Phone and Email from where we can search a user or add and update the customer.

Orders:

In the same check in form is the order form where customer can fill in the order ID, its description and basic information like quantity, height, length and the most important expiry date. In the order we have a product side where the customer can mention what products they want in their order and describe the quantity even and in the end by just a button click the customer can mention if the order is a new order or they are adding it.

Price:

We have our own price system and to understand it user needs to know that we have three pallets and the ground pallet costs 17\$ per month and as we go upwards it decreases to 11\$ and then 6\$ per month. And how we calculate the price is that we have a dimension of the product and we multiply it with price of the pallet per month and then divide it by the total volume of the pallet. In the end the whole thing gets multiplied by the amount or the quantity of the product that the customer put in for the storage. We have 13% of the taxes of the total thing and the total price is the taxes plus the amount of price we charged per month for a product.

Check out:

On the basic check out form in which the users can check out their products but before that the user needs to mention their name as we can search them and all the products that will come after that as we might need to know what products they have? The user can check whatever product is available according to the check in date or the checkout date and by checking however you need to select a particular user by the client name or product ID, and we can further search products by the product name and after selecting the product for instance a cookie the user can enter the quantity or wait of the item and then click on check out button. Clicking on update will help the client to change the recent count on the database.

Customers:

The user needs to enter their name as the system will run a query to find the user and his or her associated products with all the basic information provided along with it and when the user clicks on it the price along with the taxes and total price is also displayed on the form.

Orders:

Customers are allowed to search themselves and when they check out they should update it by using the update button as that would help in managing the count of the customer's product. And again when a customer's products are displayed in the bottom form the user can click on any of these and all the textboxes above will show their basic information that was already added at the check in time and the only editable thing we have is the quantity.