User Guide for Sad Market Management System

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General System Overview

In this guide we will briefly go through main functionalities of created Shop Management system. The system is used for making the creation and tracking of all Staff Members, Products and Equipment which applies to our Shop. You can classify them, describe the condition, other properties of Product and Equipment and to know which Staff Member is responsible for which part of work. You can also work with multiple Products that are connected by some characteristics (Product Class). It should be used for high-level actions for the whole class. This guide should give you an understanding of how the system works and how to do main things that is required from a User (like Personnel, Product creation, tracking, etc.).

1 Login

When you open the application in the browser, you need to enter login and password. When login is successfully completed, you will be placed to the main page with this section: Product, User/Personnel and Equipment.

2 Product

In this section you can manage Products and their information. To create new Product, press plus button at left top corner. You will be prompted with window, where you will need to provide price, description, title, expiration date, weight, country of manufacture, unique product code. Save this Product and you will see it in the list. Also you can indicate Condition information such as expiration date.

2.1 Product properties

Here are the main properties of a Product:

description - String value to set a description for a particular Product.
title - String value to identify the title of a Product.
price - String value to set the Product price.
expiration date - Date value to identify due date of a particular Product. After this, the product is unavailable for usage.
weight - String value to identify the weight of a Product.
country of manufacture - String value to identify the country of manufacture for a specific product.
unique product code - String value which identifies the Product. It is unique and autogenerated.

2.2 Product Class

Product Class is used for classification of available Products to different categories. We do not have any limitations about Product Classes so you can create any unique class that is needed.

While doing this remember about main Asset Class properties:

name - unique name for Asset Class which should have minimal length of 3 characters.

desc - description of this Asset Class where you can identify all relevant information about this class.

3 Staff/Personnel

This is section where you can add staff members that will own, operate or manage products and between whom all the work is distributed. You can also manage existing users.

3.1 Staff/Personnel properties

Here are the main properties of a Personnel:

user - User object instance to have an identification of each staff member. Should be unique. Has a validator to be longer than one character.

title - String value to identify the position of each particular staff member.

employeeNo - String value to identify the number assigned to a staff member.

phone - String value to store the phone number of a staff member.

mobile - String value to store the mobile phone number of a staff member.

email - String value to store the email of a staff member. Has a validator to have a proper email format.

responsibility - String value to identify the sphere of responsibility/ownership of some processes by each staff member.

salary - Integer value to identify the salary of each particular staff member. Has a validator not to be in minus terms and should be 1 or bigger.

manager - Boolean value to identify whether a staff member is a manager.

hasRights - Boolean value to identify whether the staff member has specific rights to access, modify a sensitive information.

4 Equipment

This is section where you can add, track and have a representation of manufacturing equipment asset in the system. It helps in tracking the state, availability, load and technical technical serviceability.

4.1 Equipment properties

Here are the main properties of an Equipment:

name - String value to identify the name of an equipment.

description - String value to describe the main properties of equipment.

location - String value which is selected from available laboratory. addresses.

last service date - Date value to identify the last service of an equipment.

required service period - String to identify the service period that should be applied to some particular equipment.

next service date - Date value to identify the next date, when the equipment should be under a service.

4.2 Service Interruption

When user see that some Equipment are not working well or are not working at all he can create a report for appropriate commissions about noticed errors. For that User has to choose from existing Assets the one that has troubles and enter an Error info. System will send an error message.