MATONYOK

Development Document

Abstract
Guidelines for the development of Matonyok SAGE Evolution Import Add-on System

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Contents

MATONYOK DEVELOPMENT

1. INTRODUCTION

Matonyok deals with the distribution of products. The system to be developed will require to be integrated with SAGE Evolution. The expected outcome of the system is to be able to import an excel file that will contain the details of the sales made by each Sales Representative. In the excel file, the **Sales Representatives** are recorded as the **worksheets titles.** Each worksheet will contain sales for only one Sales Representative.

The Sales Representatives are each assigned a truck and each truck is assigned to a given route. The system is to keep track of **all the routes** present. **Each truck** will be maintained as a **Warehouse in SAGE.**

The system should be able **to allocate Sales Representatives to a given truck**, and **assign the truck to a given route** for a given period of time.

2. ROUTE MASTER MODULE

This module will be used to add new routes as well as modify and delete existing ones. Each route should provide the name, optional description and an active field that will be used to toggle the status of the route.

If a route is marked as inactive, it cannot be used within the system.

3. ALLOCATION MASTER MODULE

This is the core module that will be used to setup the system. The authorized user will be able to assign a Sales Representative to a given truck and a truck to a route from a given date to a specified end date.

All transactions that take place for the given Sales Representative will be referencing the allocation for the given period.

The module should provide the Allocation Start Date, Allocation End Date, Sales Representative, Route Number and Truck Number.

The Sales Representative is **selected from _rtblAgents where the agent belongs to _rtblAgentGroup.cGroupName == 'SALESMAN' and is joined using _rtblAgentGroupMembers.**

The Truck Numbers are selected from WhseMst since the Warehouses will be treated as trucks.

4. IMPORT MODULE

This module will provide the functionality of importing the provided excel file. When importing, the system should **refer to the allocation for the given day**. This allocation will be used to create the **Unprocessed Invoices in SAGE Evolution**. The warehouse will be the allocation truck and all the sold items will be sold from the given warehouse.

Each item on the excel sheet will be referenced by description. This description will be the same as the one in SAGE Evolution **STKITEM** table.

5. AUTHENTICATION & AUTHORIZATION

Each system user will be provided with credentials to log in to the system. The users will also have permissions assigned to them. The permissions will dictate what the user is allowed to do within the system.