VAS | Export Inspection

DPW Sokhna

# Document Management Information

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# PROJECT

## OVERVIEW

We modified the current behavior of the export inspection process to check on the containers that have used the inspection services before creating new invoice. This modification will eliminate the duplication of creating inspection invoices.

## OBJECTIVE

Eliminating the duplications of creating inspection invoices.

## BUSINESS CASE

Export Inspection to be as the following:

1. Select the shipping line and the related booking number.
2. Enter the Shipper name.
3. Select the containers that need to be inspected.
4. System will check for the eligibility of containers to be inspected.
5. System will automatically create invoice for this service and hold the amount from the user LG.

## RISKS

Data loss which is handled using backups.

## OUT OF SCOPE

# SERVER REQUESTS

## LIST OF REQUIRED SERVICES

2 Servers with latest version for the VAS modification of .NET framework and latest version of ORACLE client. Load balancer concept need to be implemented to handle the server failure.

2 Servers with latest version for the Technical modification of .NET framework and latest version of ORACLE client. Load balancer concept need to be implemented to handle the server failure.

# ACCESS REQUIREMENTS

## LIST OF USERS

Trucker Companies.

# DATABASES

## DATABASE SERVER

* Operating System: Windows Server 2012 R2 Standard.
* Processor: Intel® Xeon® CPU E5-2690 v4 @ 2.60 GHz (4 Processors)
* RAM: 32.0 GB
* DB Client: ORACLE 12 - 4.122.1.0
* .NET Framework: 4.5.2 or greater.

# OLD SOURCE CODE

## FRONT-END (*Web Application*)

## BACK-END (*Database*)

# NEW SOURCE CODE

## FRONT-END (*Web Application*)

* **Export Inspection:**
  + Select the shipping line and the related booking number.
  + Enter the Shipper name.
  + Select the containers that need to be inspected.
  + System will check for the eligibility of containers to be inspected.
  + System will automatically create invoice for this service and hold the amount from the user LG.

|  |  |  |
| --- | --- | --- |
| File Name | File | Description |
| Export Inspection |  | Select the shipping line and the related booking number.  Enter the Shipper name.  Select the containers that need to be inspected.  System will check for the eligibility of containers to be inspected.  System will automatically create invoice for this service and hold the amount from the user LG. |
|  |

## BACK-END (*Database*)

* **CONTAINER\_INSPECTION:**
  + Table to ease the way of checking if the container has been called for inspection within the same day or not.
* **SET\_INSPECTION\_SERVICE:**
  + Procedure to check if the container is called for inspection before or not and count the container’s times of being called.

|  |  |  |
| --- | --- | --- |
| File Name | File | Description |
| CONTAINER\_INSPECTION |  | Table to ease the way of checking if the container has been called for inspection within the same day or not |
| SET\_INSPECTION\_SERVICE |  | Procedure to check if the container is called for inspection before or not and count the container’s times of being called |

# SCREENSHOT





