VAS | Smart Gates Modification

DPW Sokhna

# Document Management Information

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# PROJECT

## OVERVIEW

Modify the VAS to add the below points

1. Get the SEAL number from user while creating RE transactions.
2. Add HOLD on Export Containers that are requested for XRAY inspection while creating RE transaction.

XRAY hold will be automatically released once service is applied on the container.

## OBJECTIVE

Modify the behavior of trucks with RE transactions and XRAY inspection is required.

## BUSINESS CASE

Enable Truckers to do the below:

1. Enter SEAL number as a mandatory field while creating RE transactions.
2. Select inspection type (XRAY, MANUAL or NONE) as a mandatory step in order to create RE transaction

## 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

Trucking companies’ users.

# 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*)

|  |  |  |
| --- | --- | --- |
| File Name | File | Description |
| Create Booking Transaction |  | Screen for creating RE transactions |
|  |

## BACK-END (*Database*)

|  |  |  |
| --- | --- | --- |
| File Name | File | Description |
| CHECK\_GATE\_TRANSACTION |  | Procedure to check all the inputs before creating any truck transaction |
| CREATE\_GATE\_TRANSACTION |  | Procedure to create the transaction and insert it on the TRUCK\_TRANSACTION table. |

# NEW SOURCE CODE

## FRONT-END (*Web Application*)

|  |  |  |
| --- | --- | --- |
| File Name | File | Description |
| Create Booking Transaction |  | Screen for creating RE transactions |
|  |

## BACK-END (*Database*)

|  |  |  |
| --- | --- | --- |
| File Name | File | Description |
| CHECK\_GATE\_TRANSACTION |  | Procedure to check all the inputs before creating any truck transaction |
| CREATE\_GATE\_TRANSACTION |  | Procedure to create the transaction and insert it on the TRUCK\_TRANSACTION table. |
| XRAY\_HOLD |  | Trigger to release the XRAY hold once service is applied on container. |

# SCREENSHOT

