VAS | DB for Trucks & Drivers

DPW Sokhna

# Document Management Information

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# PROJECT

## OVERVIEW

We create a Database to store all the details for Trucks and Drivers as below:

1. Gather all the required data for the drivers such as:
   1. Driver Name.
   2. Driver License Number.
   3. Driver National ID.
   4. Driver Phone Number.
   5. National ID Photo Copy.
   6. Driving License Photo Copy.
   7. Terminal Permission Photo Copy.
2. Gather all the required data for the trucks such as:
   1. Truck License Number.
   2. BAT Number.
   3. Trailer License Number.
   4. Truck License Photo Copy.
   5. Trailer License Photo Copy.

## OBJECTIVE

Having a complete Database for all trucks and drivers that will be helpful in the Gate Automation Project.

## BUSINESS CASE

Fill data in the Trucks and Driver DB as below:

1. Trucker can log into VAS and select the Driver Details Tab.
2. Enter all the required data for the drivers such as:
   1. Driver Name.
   2. Driver License Number.
   3. Driver National ID.
   4. Driver Phone Number.
   5. National ID Photo Copy.
   6. Driving License Photo Copy.
   7. Terminal Permission Photo Copy.
3. Enter all the required data for the trucks such as:
   1. Truck License Number.
   2. BAT Number.
   3. Trailer License Number.
   4. Truck License Photo Copy.
   5. Trailer License Photo Copy.

## 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*)

* **Driver Details:**
  + Driver Name.
  + Driver License Number.
  + Driver National ID.
  + Driver Phone Number.
  + National ID Photo Copy.
  + Driving License Photo Copy.
  + Terminal Permission Photo Copy.
* **Truck Details:**
  + Truck License Number.
  + BAT Number.
  + Trailer License Number.
  + Truck License Photo Copy.
  + Trailer License Photo Copy.

|  |  |  |
| --- | --- | --- |
| File Name | File | Description |
| Driver Details |  | Record all the required data such as:  Driver Name.  Driver License Number.  Driver National ID.  Driver Phone Number.  National ID Photo Copy.  Driving License Photo Copy.  Terminal Permission Photo Copy. |
|  |
| Truck Details |  | Record all the required data such as:  Truck License Number.  BAT Number.  Trailer License Number.  Truck License Photo Copy.  Trailer License Photo Copy. |
|  |

## BACK-END (*Database*)

* **DRIVER\_DETAILS:**
  + Table records the details for the drivers.
* **TRUCK\_DETAILS:**
  + Table records the details for the trucks.

|  |  |  |
| --- | --- | --- |
| File Name | File | Description |
| DRIVER\_DETAILS |  | Table records the details for the drivers |
| TRUCK\_DETAILS |  | Table records the details for the trucks |

# SCREENSHOT



