CLMS | PIR – Bug Fixes

DPW Sokhna

# Document Management Information

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# PROJECT

## OVERVIEW

In order to enhance the performance and make it easy to user, we agreed to solve the below:

- Users not able to modify the requested order for the next shift even before the 6 hours.

- Open old training dates.

- Date of birth and National ID# not to be mandatory.

- Fix the error when adding new job title, as newly added job titles not shown for users.

- Adding more than one role for the users.

## OBJECTIVE

Enhance the performance and make it easy to user.

## BUSINESS CASE

1. Users can now modify the requested order for the next shifts with taking into consideration the time difference between the current time and the shift starts.
2. Users can now enter data for old trainings as the training dates are now opened till the year 2000.
3. Enable the user to add employees without the need to enter the date of birth or the National ID#.
4. Make the newly added job titles visible for users.
5. User can have now more than one role, users can be a requester and violation creator and so on.

## RISKS

Data loss which is handled using backups.

## OUT OF SCOPE

# SERVER REQUESTS

## LIST OF REQUIRED SERVICES

2 Servers with latest version 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

Selected user from selected departments such as (Operations, Technical, Administration …etc.).

# 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

# NEW SOURCE CODE

## FRONT-END (*Web Application*)

* **Request Order - Daily:**
  + Request labors from outsourced companies.
  + Enter the required fields such as the shift type (8hr, 12hr, and day worker), company, and request date.
  + User can update the requested numbers from next shifts before 6 hours of the shift starts.
* **Trainings - Admin:**
  + Record the training for each employee.
  + Enter the required fields such as the training type, equipment type if any, training date, total training hours.
* **Job Titles - Admin:**
  + Add or modify job titles for outsource companies.
  + Enter the required fields such as the job title name and the max working hour per shift.
* **Create Employee :**
  + Add or Modify outsourced employees.
  + Enter the required fields such as Fingerprint ID, Name, Department, and Company …etc.
  + Add qualifications and special certificates if any.
* **Security Roles :**
  + Enable users from having more than one role in order to ease their daily works.
  + For example user can request labors and create violation and so on.

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| File Name | File | Description |
| Request Order - Daily |  | Request labors from outsourced companies.  User can update the requested numbers from next shifts before 6 hours of the shift starts. |
|  |
| Trainings – Admin |  | Record the training for each employee. |
|  |
| Job Titles – Admin |  | Add or modify job titles for outsource companies. |
|  |
|  |
| Create Employee |  | Add or Modify outsourced employees.  Add qualifications and special certificates if any. |
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| Security Roles |  | Enable users from having more than one role in order to ease their daily works |
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## BACK-END (*Database*)

* **User Pages:**
  + Table contains users with the authorized pages of the application.

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| --- | --- | --- |
| File Name | File | Description |
| User Pages |  | Table contains users with the authorized pages of the application. |

# SCREENSHOT





