KANCHANA.S

ICD

Human Resource General Information System (HRGIS) for Training

Specification Document

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# Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Author | Description | Approve by |
| 29-Nov-21 | KANCHANA.S | Initial create |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

# System Overview

**USER**

**CPTSVS52T**

Api

**CPTSVS52T/SQLEXPRESS**

**HRGIS**

Database

**CPTSVS52T**

Web Interface

# User Interface List

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Page and functions** | **Result** | **Notes** | **Confirm date** | **Confirm by** | **Dept** |
| **1** | **Training Master Control** |  |  |  |  |  |
| 1.1 | Program startup |  |  | 10-Nov-21 | Wanpen | MTP |
| 1.2 | Create course |  |  |  |  |  |
| 1.3 | Search course |  |  |  |  |  |
| 1.4 | Edit course |  |  |  |  |  |
| 1.5 | Delete course |  |  |  |  |  |
| **2** | **Input Training Result** |  |  |  |  |  |
| 2.1 | Input training result of trainee |  |  |  |  |  |
| 2.2 | Register trainee |  |  |  |  |  |
| **3** | **Change Course No. and Course Name** |  |  |  |  |  |
| 3.1 |  |  |  |  |  |  |
| **4** | **Input Training Result by Group** |  |  |  |  |  |
| 4.1 |  |  |  |  |  |  |
| **5** | **Register Trainee** |  |  |  |  |  |
| 5.1 |  |  |  |  |  |  |
| **6** | **Training Confirmation Sheet** |  |  |  |  |  |
| 6.1 |  |  |  |  |  |  |
| 6.2 |  |  |  |  |  |  |
| **7** | **ใบเซ็นชื่อ** |  |  |  |  |  |
| 7.1 | Program startup: Show input for filter by Course No. (exact match) |  |  |  |  |  |
| 7.2 | Create PDF report as image filter by Course No. |  |  |  |  |  |
| **8** | **Training Result Report** |  |  |  |  |  |
| 8.1 |  |  |  |  |  |  |
| 8.2 |  |  |  |  |  |  |

# 

# Design and Specification

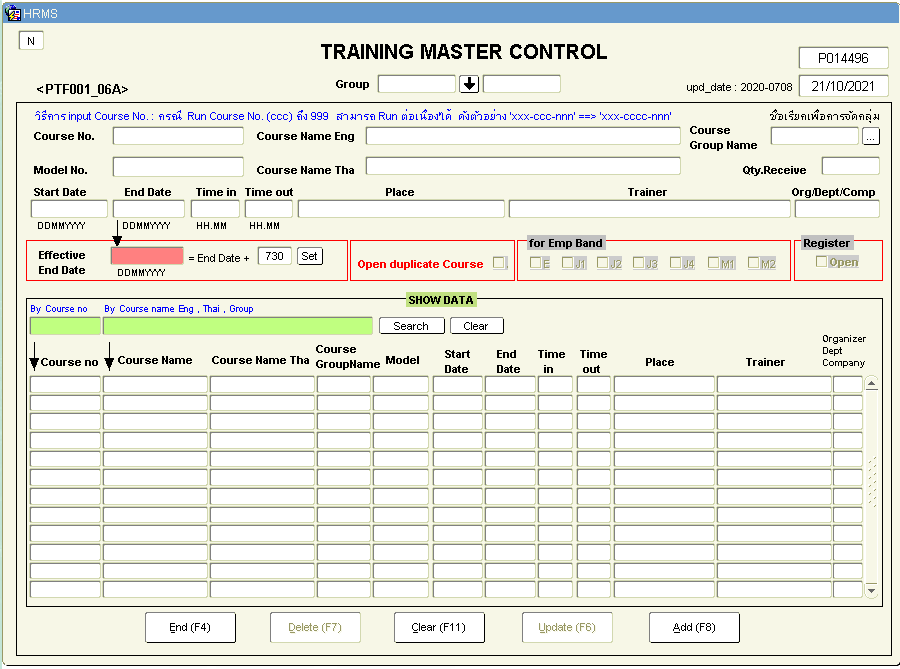
## Training Master Control

### Objective

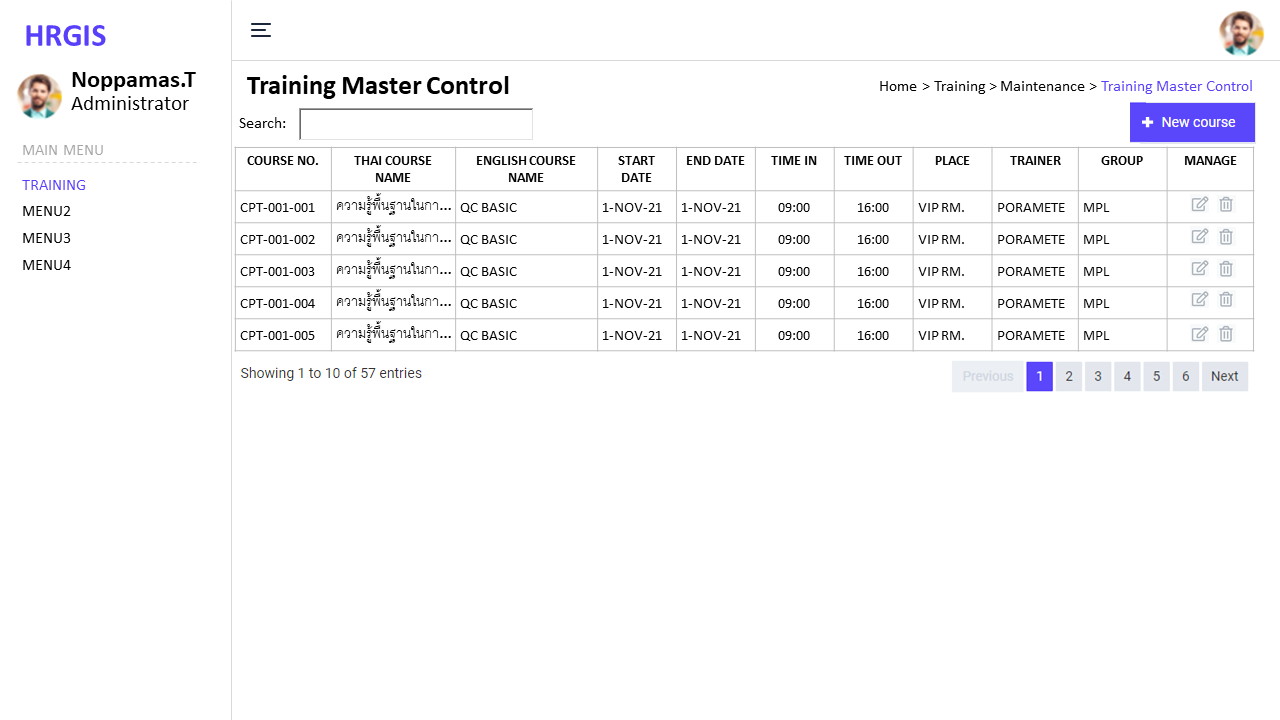
To manage master course

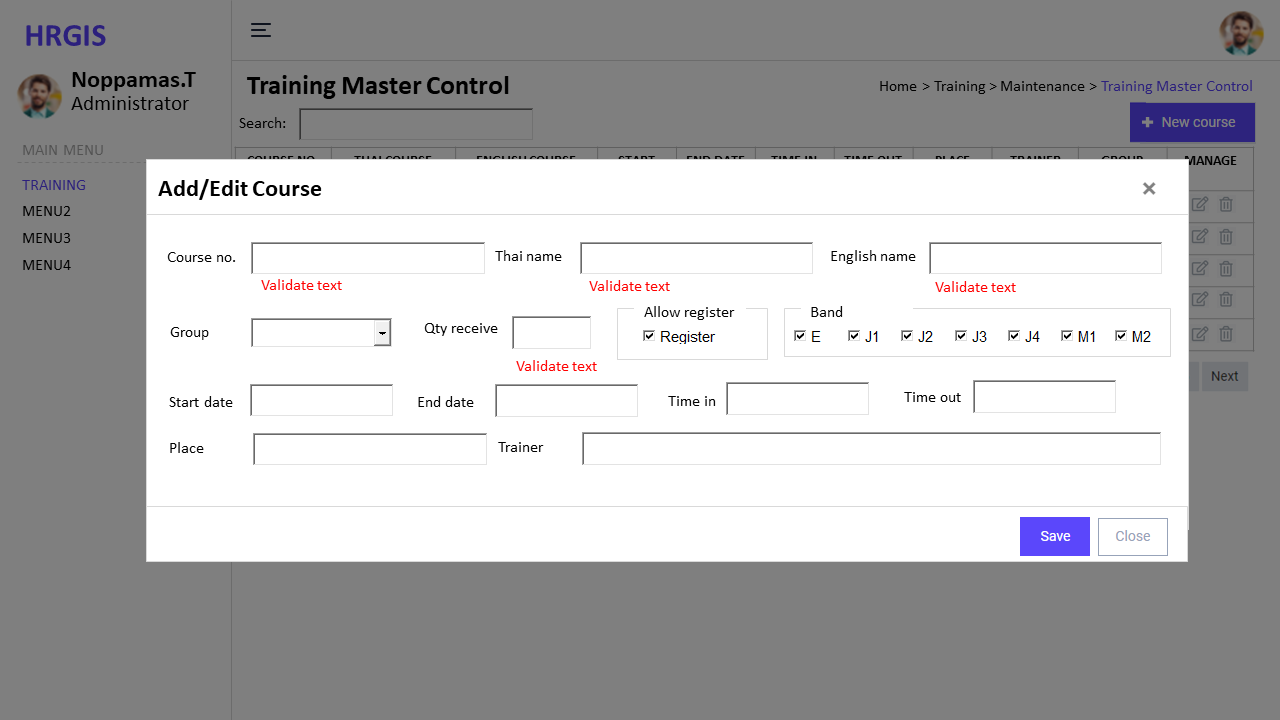
### Screen

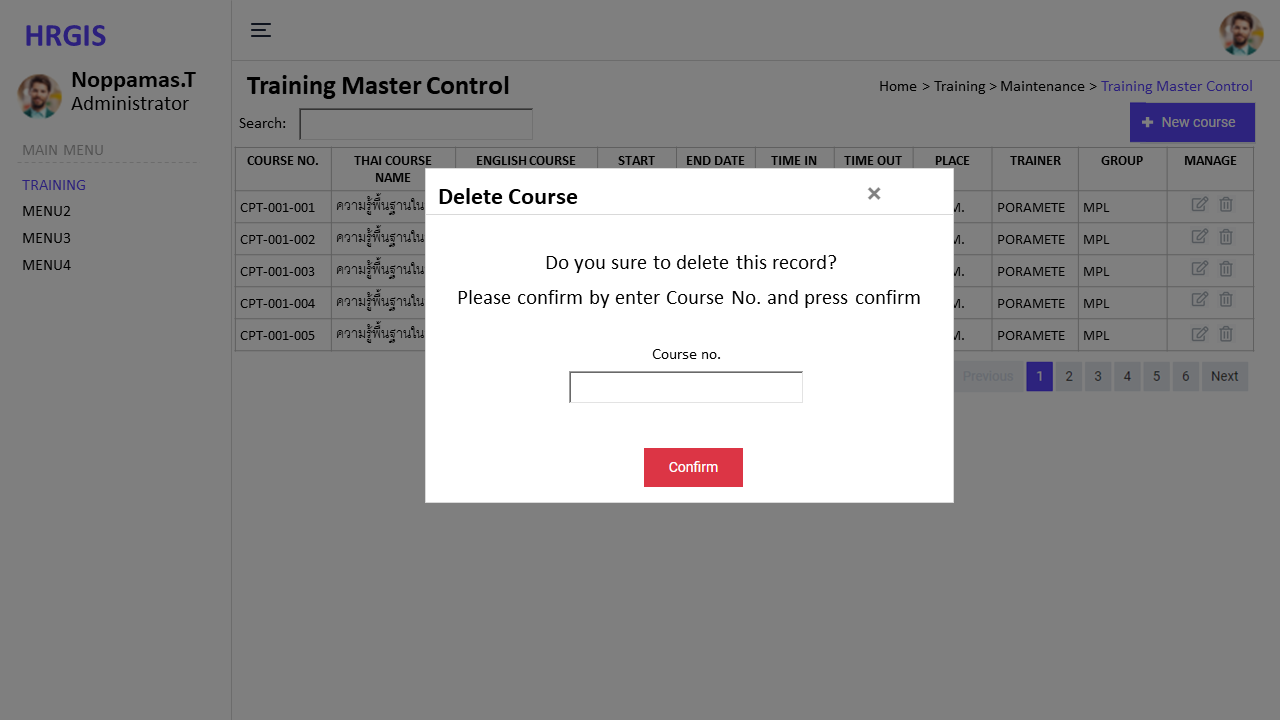
Old



New

<screen1>

<screen2>

<screen3>

### Database Item

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Items** | **Table and field** | **Validate** | **Remark** |
| 1 | Course no. | tr\_course.course\_no | Required | PK |
| 2 | Thai course name | tr\_course.course\_name\_th | Required |  |
| 3 | English course name | tr\_course.course\_name\_en | Required |  |
| 4 | Group | tb\_org.div\_abbr, tb\_org.dept\_abbr | Required | FK, on delete no action, on update cascade |
| 5 | Qty receive | tr\_course.qty | Integer |  |
| 6 | Allow register | tr\_course.allow\_register | Y, null |  |
| 7 | Start date | tr\_course.start\_date | Required, Date |  |
| 8 | End date | tr\_course.end\_date | Required, Date |  |
| 9 | Time in | tr\_course.time\_in | Required, Time |  |
| 10 | Time out | tr\_course.time\_out | Required, Time |  |
| 11 | Place | tr\_course.place | Required |  |
| 12 | Trainer | tr\_course.trainer | Required |  |
| 13 | Created at | tr\_course.created\_at | DateTime |  |
| 14 | Created by | tr\_course.created\_by | String |  |
| 15 | Updated at | tr\_course.updated\_at | Datetime |  |
| 16 | Updated by | tr\_course.updated\_by | String |  |
| 17 | Course no. | tr\_course\_band.course\_no | Required | FK, on delete cascade, on update cascade |
| 18 | Band | tr\_course\_band.band | Required |  |

### Process

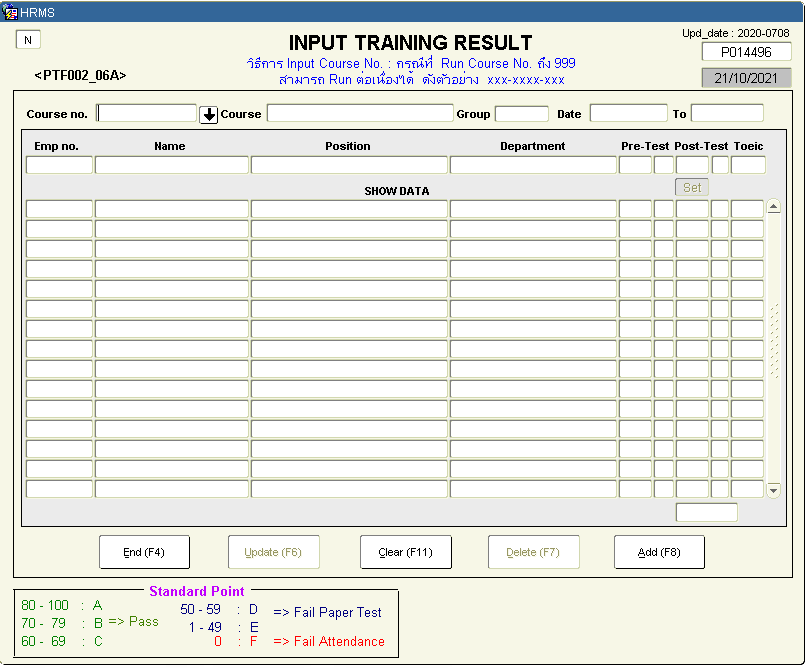
1. Create course: on click new course button
   * Input data and validate
   * Insert data to database
2. Search course and show data: on key up search field
   * Input data
   * Search when key up filter by input
   * Show data sort by date desc, sortable
3. Edit course: on click edit icon of each record
   * Input data and validate
   * Update data to database
4. Delete course: on click delete icon of each record
   * Show modal to confirm
   * Input Course no. to confirm
   * Delete from database

## Input Training Result

### Objective

To input trainee result and register more trainee

### Screen

Old

New

### Database Item

### Process

1. Input training result of trainee

* Select course
* Show course data
* Show approved trainee
* Input pre-test score
* Automatic calculate pre-test grade
* Input post-test score
* Automatic calculate post-test grade
* Create excel format to input score multiple trainee
* Import excel to update score
* Update score
* Refresh data after update

1. Register trainee

* Register approved trainee from paper
* Create textarea to paste multiple employee no. to register
* Register trainee

## Change Course No. and Course Name

### Objective

### Screen

### Database Item

### Process

## Input Training Result by Group

### Objective

### Screen

### Database Item

### Process

## Register Trainee

### Objective

### Screen

### Database Item

### Process

## Training Confirmation Sheet

### Objective

### Screen

### Database Item

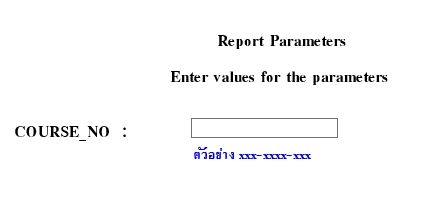
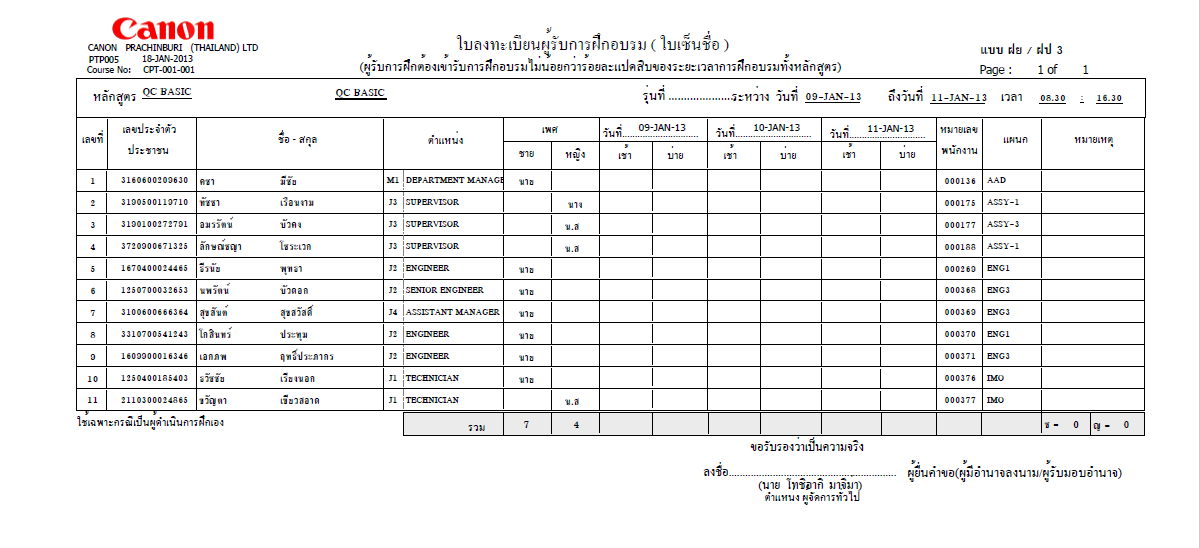
### Process

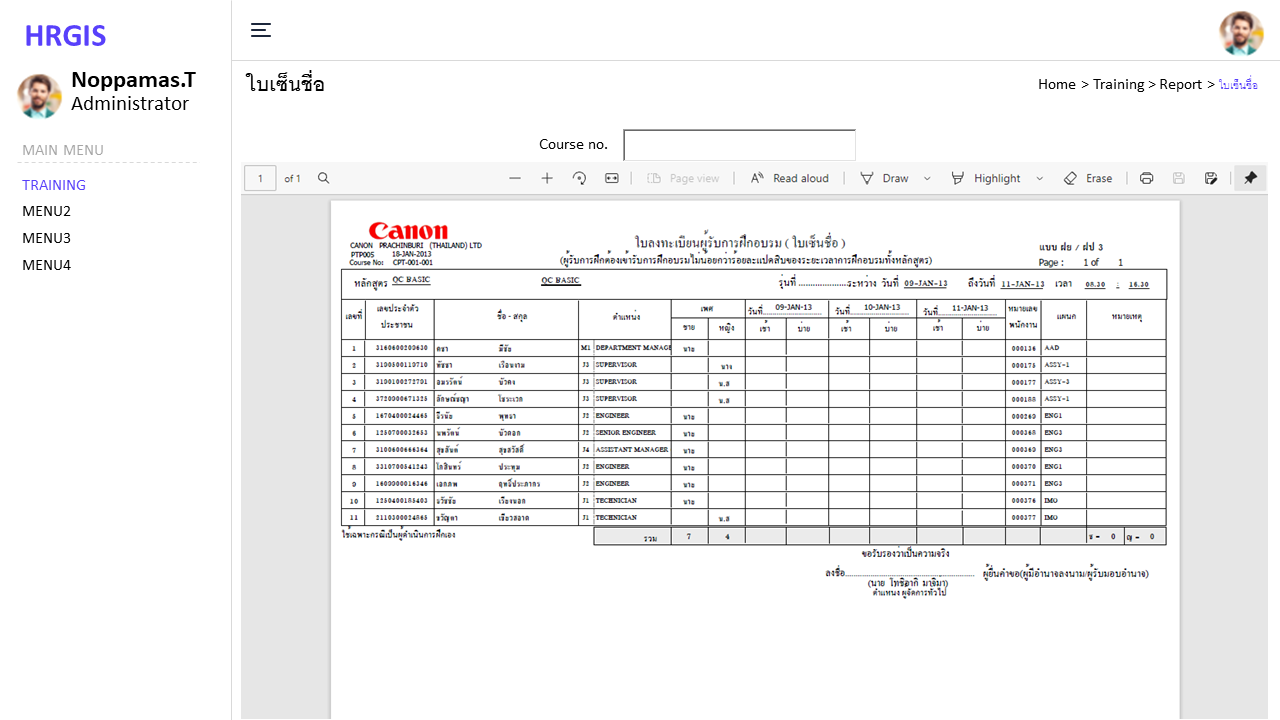
## ใบเซ็นชื่อ

### Objective

To create report for request signature

### Screen

Old

New

### Database Item

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Items** | **Table and field** | **Validate** | **Remark** |
| 1 | Course no. | tr\_course.course\_no |  |  |
| 2 | Thai course name | tr\_course.course\_name\_th |  |  |
| 3 | English course name | tr\_course.course\_name\_en |  |  |
| 4 | Start date | tr\_course.start\_date |  |  |
| 5 | End date | tr\_course.end\_date |  |  |
| 6 | Time in | tr\_course.time\_in |  |  |
| 7 | Time out | tr\_course.time\_out |  |  |
| 8 | Course no. | tr\_course\_trainee.course\_no |  |  |
| 9 | เลขประจำตัวประชาชน | employee.ID\_NO |  |  |
| 10 | ชื่อ สกุล | employee.FNAME\_THA,  employee.GNAME\_THA |  |  |
| 11 | Band | employee.BAND |  |  |
| 12 | ตำแหน่ง | employee.POSN\_ENAME |  |  |
| 13 | เพศ | employee.SEX |  |  |
| 14 | หมายเลขพนักงาน | employee.EMP\_NO |  |  |
| 15 | แผนก | employee.DEPT\_ABB\_NAME |  |  |

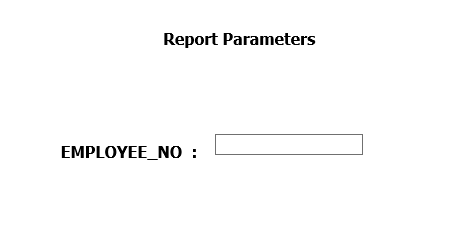
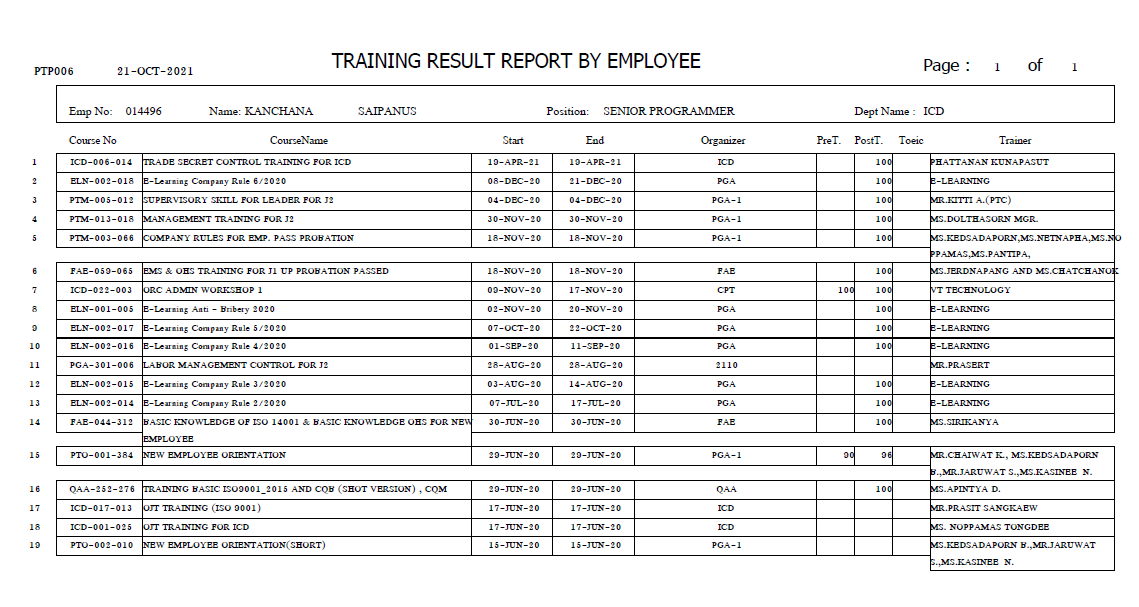
### Process

* + 1. Program startup: Show input for filter by Course No. (exact match)
    2. Create PDF report as image filter by Course No.
       1. ถ้าเกิน 3 วันให้ ออกแบบไม่ต้องใส่วันที่
       2. 25 คน/หน้า
       3. เปลี่ยนชื่อในใบเซ็นชื่อ

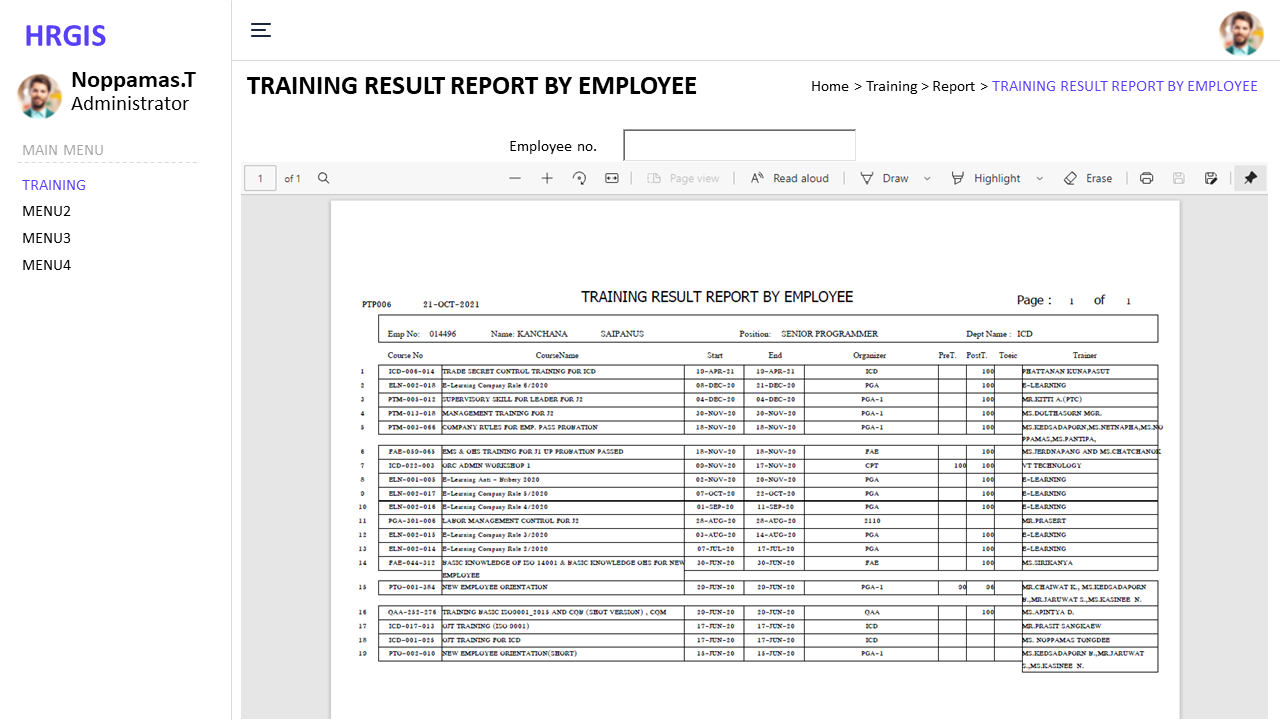
## Training Result Report

### Objective

### Screen

Old

New



### Database Item

### Process

## Current Manpower Report

### Objective

### Screen

### Database Item

### Process

## Score of trainee

### Objective

### Screen

### Database Item

### Process

## แบบประเมิน Course

### Objective

### Screen

### Database Item

### Process

## แบบประเมิน Trainee ตามรายชื่อ

### Objective

### Screen

### Database Item

### Process

## แบบประเมิน Trainer

### Objective

### Screen

### Database Item

### Process

## Employee Data Report

### Objective

### Screen

### Database Item

### Process

## Couse Detail and Number of Employee Report

### Objective

### Screen

### Database Item

### Process

## Assy Skill Map

### Objective

### Screen

### Database Item

### Process

## Education of Employee Report

### Objective

### Screen

### Database Item

### Process

## Promotion Report

### Objective

### Screen

### Database Item

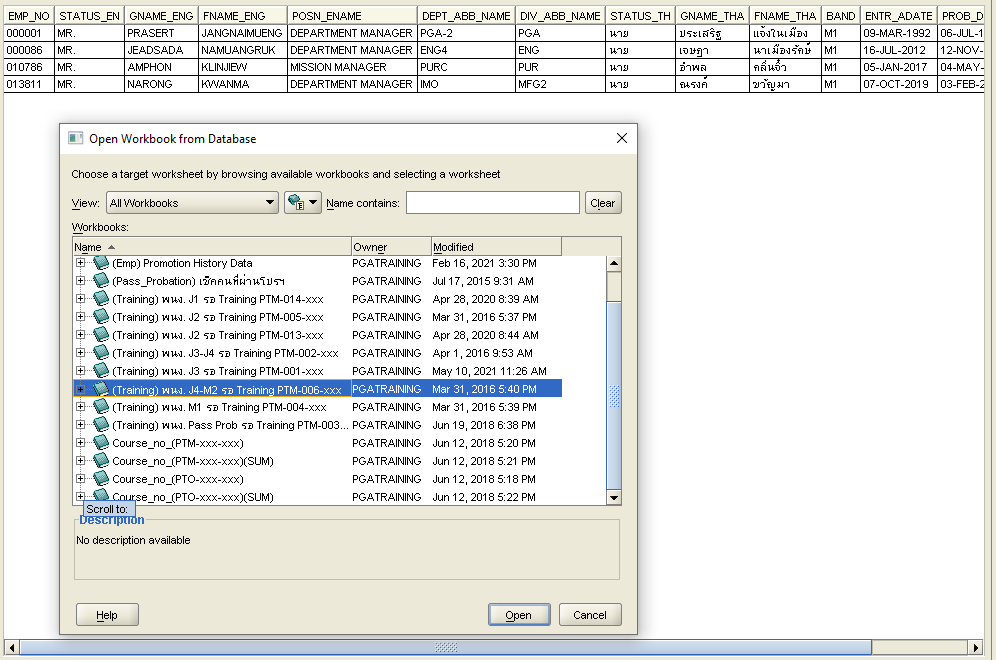
### Process

## Target Group of Training

### Objective

To show target group of course

### Screen

Old

New

### Database Item

EMP\_NO STATUS\_EN GNAME\_ENG FNAME\_ENG POSN\_ENAME DEPT\_ABB\_NAME DIV\_ABB\_NAME STATUS\_TH GNAME\_THA FNAME\_THA BAND ENTR\_ADATE PROB\_DATE PROB\_STATUS

### Process

1. Input course no.
2. Show employee data in target group pf course