















Technical User Manual | March 2020

Learning & Development Information Management System -Training Database: User Manual

USAID's HRH2030/Philippines: Human Resources for Health in 2030 in the Philippines

Cooperative Agreement No. AID-OAA-A-I5-00046
Cover photo: Mollent Okech, WISN Consultant (third from left), conducting training with th Department of Health. (Credit: USAIDHRH2030/Philippines)
March 18, 2020.
This publication was produced for review by the United States Agency for International Development. It was prepared by members of the HRH2030 consortium.
DISCLAIMER
This material is made possible by the generous support of the American people through the United States Agency for International Development (USAID) under the terms of cooperative agreement no. AID-OAA-A-15-00046 (2015-2020). The contents are the responsibility of HRH2030 consortium and do not necessarily reflect the views of USAID

or the United States Government

Contents

Acronyms	2
Executive Summary	2
Introduction	3
Log-in	3
LDIMS Homepage	4
Health Worker	5
Pending Registration (Online)	5
Health Worker Registry	5
LD Management	7
Training Course	7
Training Schedule	8
Evaluation	9
PTE Level I	9
LD Provider	10
Pending Registration (Online)	10
LD Provider	10
Training Center	11
LD Library	12
Health Facility	12
Health Program	13
Position	14
Competency	15
Administration	16

Acronyms

KMITS Knowledge Management and Information Technology Service

LDIMS Learning and Development Information Management System

LMS Learning Management System

NHFR National Health Facility Registry

PRC Professional Regulatory Commission

Executive Summary

The User Guide is an instructional document on how to access and use LDIMS. It provides a step-bystep guide on how to move within the application to achieve the desired results. The document is divided into several sections with each section representing a functional module of LDIMS. A brief description and how the associated functionalities work are provided for each section.

It is highly recommended that a Standard Operating Procedure be developed before the system is rolled out. Procedure such as the registration and approval process will ensure a systematic process and efficient use of the application as a tool to support the LDIMS framework.

Introduction

The Systems Administrator and the LDIMS Administrator are the fundamental users of LDIMS. They are the ones who can ensure a smooth implementation of the system. One of the very first things that the Administrators must do is to ensure that all the system and referenced information are setup in the database. The Systems Administrator is responsible for creating the user accounts of those who will access LDIMS. Other system information referenced by the user account such as the access level and functionalities should be established before the user account creation. The LDIMS Administrator, on the other hand, must ensure that all information in all the dropdown fields are defined in LDIMS.

It is recommended that a policy is in place to make sure that there is a standard procedure for the request, approval and provision of access to LDIMS and information sharing with other information systems.

Log-in

The LDIMS Log-in page is the opening LDIMS page when the link, www.ldims.doh.gov.ph is accessed. It allows authorized users to Login to LDIMS and access the relevant modules. Authorized users are those who have been provided with LDIMS user credentials.



For health workers who want to have access to LDIMS can register online via the Register link. All registration form fields with * are required and cannot be left blank. Some fields are provided with a dropdown list for health workers to select the appropriate response. Submitted registrations are automatically sent to the LDIMS Administrator for review and approval. It is important that a valid email address is provided to ensure receipt of LDIMS notifications. Note that online registration does not guarantee immediate access to LDIMS. It goes through the same review and approval process as the requests made through email. Users will be notified status of registration. The exact parameters for acceptance of registration need to be formally agreed upon by HHRDB but the initial requirements in the development process defined needing this functionality to ensure: I) that only active health workers are enrolling in the LDIMS and not the general public, and 2) to give HHRDB the ability to screen registration to make sure data is accurate and complete.

For LDIMS users who have forgotten their password or want to change passwords may do so by accessing the Forgot Password link. Change password information will be sent to the email address provided in the registration.

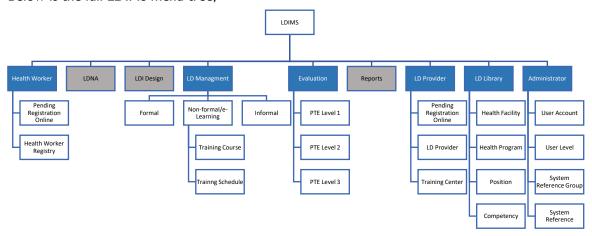
For authorized LDIMS users, a combination of valid username and password must be provided to access LDIMS. If there is no match with the username and/or password, the user will receive an error message and will be required to enter the correct information.

LDIMS Homepage

A valid username and password will direct the health workers to the LDIMS homepage with the menu options available and the username displayed. It is proposed to have a dashboard displayed on the homepage that will provide a snapshot of the information available in LDIMS that will include the total number of health workers disaggregated by region, cadre, facility. For the menu options, only the modules associated with the user access level granted is displayed.



Below is the full LDIMS menu tree.



The first row contains the modules or menu options displayed on the homepage. As noted, the menu options that will be seen on the homepage are different for each user access level. The blue boxes are the functional modules in LDIMS version 1.0. The remaining grayed-out boxes are modules that

HHRDB and KMITS still need to develop, preferably through a consultant to guide the work. LDIMS is already equipped with menu options in the software (i.e. the tabs are available to "click"), but they are currently blank for HHRDB to design and develop as per their user needs.

Health Worker

The Health Worker module provides the facility: (1) to view and approve/reject pending online registrations, (2) add health workers, and (3) view and update health worker records. This module is accessible to the LDIMS Administrator and the Health Worker. The LDIMS Administrator have full access to all the functionalities. While the Health Worker only has access to his own profile.

The has two submodules, Pending Registration (Online) and Health Worker Registry.

Pending Registration (Online)

The Pending Registration (Online) option is accessible only to the LDIMS Administrator. The Pending Registration page lists all online applications pending for approval or disapproval.

To view the details of the health worker's registration, click the Action 💠 icon. From this page, the LDIMS Administrator has the option to approve or decline an application. Approved registrations are automatically assigned with a unique LDIMS Health Worker identifier and is added to the Health Worker file. Declined registrations are flagged as such and removed from the Pending Registration list.



Health Worker Registry

The Health Worker Registry is for the maintenance of health worker files and provides the facility to search, add, view and update health worker records. Deleting health worker files is not allowed. Inactive files will have to be flagged as 'Inactive'. The module is accessible to both the LDIMS Administrator and the Health Worker. But the Health Worker can only access his own profile and is not allowed to flag his file as 'Inactive'.

Once the Health Worker Registry is selected, the Health Workers page with the list of health worker files is displayed. From the list, the LDIMS Administrator can add new health workers and search, view and edit existing health worker files.



Add a Health Worker

To add a health worker, click the Add a Health Worker button and the Add a Health Worker form is displayed. Validation:

- All fields with * are required fields and cannot be left blank.
- The Date of Birth field cannot be blank and cannot be later than the current date.
- Data on the dropdown fields are maintained in LDIMS. For example, if a competency is not in the Competency dropdown field, proceed to LD Library-Competency and add the missing competency.

To save the data, click the Add Health Worker button. The new health worker will be added to the list in the Health Worker page.

Search a Health Worker

To search for a health worker, click the Q Search Health Worker button and enter the health worker information. Click the search button to search for all records matching the search information entered. Otherwise, a blank list is displayed.

View a Health Worker

From the list of health workers displayed, select the health worker and click the View 📂 button. The View Health Worker form is displayed with the health worker registration information. The information on who and when the information was last updated is also in the View form.

Edit a Health Worker

From the list of health workers displayed, select the health worker and click the Edit <a>I button. The Edit Health Worker form is displayed with the health worker's LDIMS profile. All fields go through the same validation when adding a health worker.

LD Management

The LD or Learning and Development Management module is the Deliver component of the LDIMS framework and is designed to monitor the delivery of the interventions and the effectiveness in addressing the health workers' competency gaps. The module will keep track of the three types of interventions that is, formal, non-formal/e-Learning and informal. The current version of LDIMS keeps track only of the non-formal (trainings) and e-Learning (online) interventions.

This module is accessible only to the LDIMS Administrator.

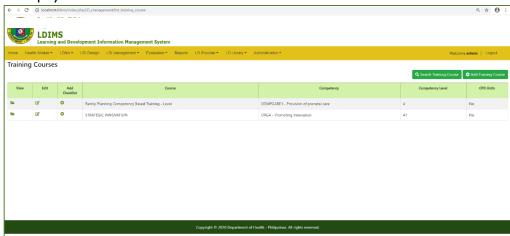
The Non-Formal/e-Learning module has two sub-modules, that is, Training Course and Training Schedule.

Training Course

This module is for the maintenance of the training courses designed to address competency gaps. This allows the LDIMS Administrator to add, search, view and update training courses.

The Training Courses are designed to be generic which allows multiple LD Providers to offer the same course in the following delivery modes: face-to-face, online or blended.

Once the Training Course menu option is selected, the Training Courses page with the list of trainings is displayed.



From this page, the LDIMS Administrator can add a new training course and search, view and edit existing training courses. For training courses that require a post-training evaluation, the checklist to be used during the evaluation is required to be created.

Add a Training Course

To add a training Course, click on the Add Iraining Course button and the Add a Training Course form is displayed. Validation:

- All fields with * are required fields and cannot be left blank.
- Numeric fields do not accept (-) values or 0 entry.
- Data on the dropdown fields are maintained in LDIMS. For example, if a competency is not in the Competency dropdown field, proceed to LD Library-Competency and add the missing competency.

To save the data, click on Add Training Course button from the Add Training Course form. The new training course will be added to the list on the Training Course page.

Search a Training Course

To search for a Training Course, click on the Q Search Training Course button and enter the information on the training course to search. Click on the search button to search for all records matching the search information entered. Otherwise, a blank list is displayed.

View a Training Course

From the list of Training Courses displayed, select the course and click on View 📂 button. The View Training Course form is displayed with the training course information. The information on who and when the information was last updated is also in the View form.

Edit a Training Course

From the list of Training Courses displayed, select the course and click on the Edit button. The Edit Training Course form is displayed.

Training Schedule

The Training Schedule module is for the maintenance of the schedules offered by the LD Providers. The LD Provider and its training centers must be added to LDIMS before the offered training schedule is added.

Once Training Schedule menu option is selected, the Training Schedules page with the list of the training schedules is displayed.



From this page, the LDIMS Administrator can add a new training schedule and search, view and edit existing training schedules.

Add a Training Schedule

To add a training Course, click on the OAdd Training Schedule button and the Add Training Schedule form is displayed with the following field validations:

- All fields with * are required fields and cannot be left blank.
- The Start Date field cannot be blank and cannot be earlier than the current date.
- The End Date field cannot be blank and cannot be earlier than the Start Date.
- Data on the dropdown fields are maintained in LDIMS. For example, if a competency is not in the Competency dropdown field, proceed to LD Library-Competency and add the missing competency.

To save the data, click on the Add Training Schedule button. The new training schedule is displayed on the Training Schedule page.

Search a Training Schedule

To search for a Training Schedule, click on the search training Schedule button and enter the information of the training schedule to search. Click the Search button to search for all records matching the search information entered. Otherwise, a blank list is displayed.

View a Training Schedule

From the list of Training Schedules displayed, select the schedule and click on the View 📂 button. The View Training Schedule form is displayed together with the information on who and when the information was last updated.

Edit a Training Schedule

From the list of Training Schedules displayed, select the schedule and click on the Edit is button. The Edit Training Schedule form is displayed.

Evaluation

The Evaluation module is for the recording of the dates the evaluation on the delivery of training (Level I) and Final Exam (Level 2) were completed and the tracking of the conduct of the PTE. The recording of the evaluations is in chronological order. Therefore, PTE Level 3 cannot be started without recording information for PTE Levels 1 and 2.

This module is accessible only to the LDIMS Administrator.

PTE Level I

Once a Training Schedule is flagged as Completed it is automatically added to the list of trainings for PTE Level I evaluation and displayed in the PTE Level I page.



To update the PTE Level I status of the training participants, select the training schedule and click on the View 📂 icon. The list of the participants is displayed. Select a participant and click on the Edit Moutton. The Edit form is displayed. Enter the date the evaluation was accomplished and click on Submit.

LD Provider

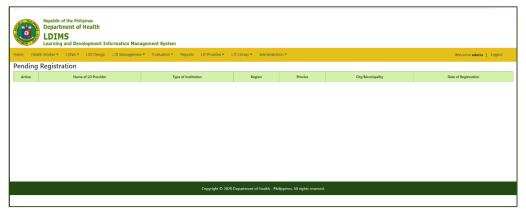
The LD Provider module is for the maintenance of LD Provider files and provides the facility to (1) to view and approve pending online registrations, (2) add LD Providers, and (3) view and update LD Provider records. This module is accessible only to the LDIMS Administrator with full access to all the functionalities.

The LD Provider module has two submodules, **Pending Registration (Online)** and **LD Provider** Registry.

Pending Registration (Online)

The Pending Registration page lists all online applications pending for approval or disapproval.

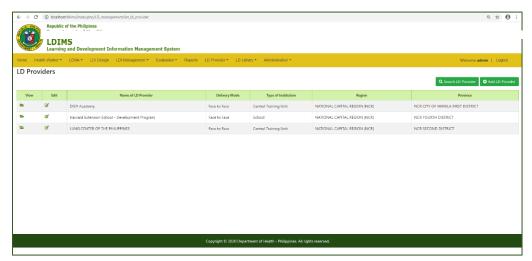
To view the details of the registration, click the Action 😂 icon. From this page, the LDIMS Administrator has the option to approve or decline an application. Approved registrations are automatically assigned with a unique LDIMS Health Worker identifier and is added to the LD Provider file. Declined registrations are flagged as such and removed from the Pending Registration list



LD Provider

The LD Provider module is for the maintenance of the LD Providers and provides the facility to add new LD Providers, search, view and edit existing LD Provider records.

Once the LD Provider is selected, the LD Providers page with the list of LD Providers is displayed.



Add an LD Provider

To add an LD Provider, click the OAddLD Provider button and the Add LD Provider form is displayed with the following field validations:

- All fields with * are required fields and cannot be left blank.
- E-mail address must be a valid email address.
- Data on the dropdown fields are maintained in LDIMS. For example, if a competency is not in the Competency dropdown field, proceed to LD Library-Competency and add the missing competency.

To save the data, click on OAddLD Provider button. The new LD Provider is added on the LD Provider page.

Search an LD Provider

To search for an LD Provider, click the Q Search LD Provider button and enter the information of the LD Provider to search. Click on the search button to search for all records matching the search information entered. Otherwise, a blank list is displayed.

View an LD Provider

From the list of LD Providers displayed, select the LD Provider and click the View 📂 button. The View LD Provider form is displayed together with the information on who and when the information was last updated.

Edit an LD Provider

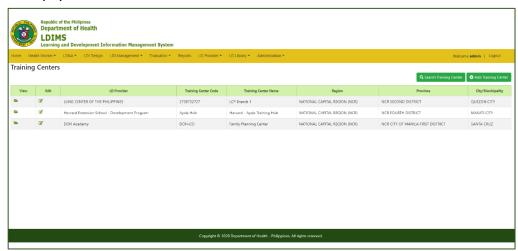
From the list of LD Providers displayed, select the LD Provider and click the Edit Button. The Edit LD Provider form is displayed.

Training Center

The Training Center module is for the maintenance of the training centers accredited by the LD Providers as training venues. Each training center is linked to an LD Provider thus, only the training centers linked to an LD Provider is available in the dropdown list of Training Venues.

This module is accessible only to the LDIMS Administrator and provides the facility to add training centers, search, view and edit existing training center records.

Once the Training Center is selected, the Training Center page with the training centers listed by LD Provider is displayed.



From this page, the LDIMS Administrator can add new training centers, search, view and update existing training center records.

Add a Training Center

To add a Training Center, click the Add Training Center button and the Add Training Center form is displayed with the following field validations:

- All fields with * are required fields and cannot be left blank.
- E-mail address must be a valid email address.
- Data on the dropdown fields are maintained in LDIMS. For example, if a competency is not in the Competency dropdown field, proceed to LD Library-Competency and add the missing competency.

To save the data, click on Add Training Center button. The new Training Center is added on the Training Centers page.

Search a Training Center

To search for a Training Center, click the Search Training Center button and enter the information of the Training Center to search. Click the search button to search for all records matching the search information entered. Otherwise, a blank list is displayed.

View a Training Center

From the list of training centers displayed, select the Training Center and click the View 📂 button. The View Training Center form is displayed together with the information on who and when the information was last updated.

Edit a Training Center

From the list of training centers displayed, select the Training Center and click the Edit button. The Edit Training Center form is displayed.

LD Library

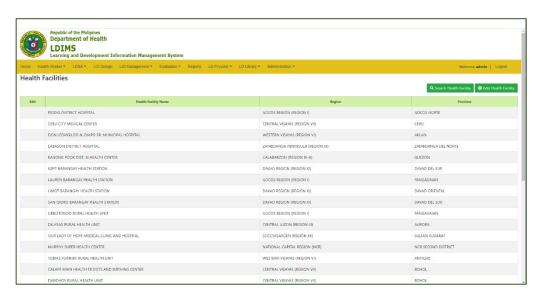
The LD Library module is for the maintenance of the health facility, health program, position and competency information and provides the facility to add new records, search, view and edit existing records.

This module is accessible only to the LDIMS Administrator.

Health Facility

The Health Facility module is for the maintenance of all health facilities referenced within LDIMS. The facilities maintained are both DOH-accredited and non-DOH-accredited facilities. DOHaccredited facilities are imported from the NHFR information system. Adding and updating of DOHaccredited facilities are not allowed within LDIMS. Addition and updating of DOH facilities happen only during the importing process. This ensures consistency with NHFR information used across the health sector. Non-DOH-accredited facilities, on the other hand, are manually added to LDIMS. Update of these facilities is allowed.

Once the Health Facility is selected, the Health Facilities page with the list of health facilities (listed by region, province, health facility name) is displayed.



Add a Health Facility

To add a health facility, click the Add Health Facility button and the Add Health Facility form is displayed. Data on the dropdown fields are maintained in LDIMS. For example, if a competency is not in the Competency dropdown field, proceed to LD Library-Competency and add the missing competency.

To save the data, click the Add Health Facility button. The new Health Facility is added to the Health Facility file and tagged as 'non-DOH accredited'.

Search a Health Facility

To search for a Health Facility, click the Search Health button and enter the information of the Health Facility to search. Click the Search button to search for all records matching the search information entered. Otherwise, a blank list is displayed.

View a Health Facility

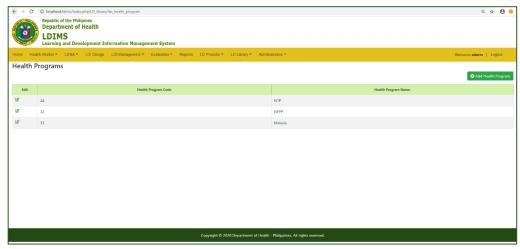
From the list of Health Facilities displayed, select the Health Facility and click the View 📂 button. The View Health Facility form is displayed together with the information on who and when the information was last updated.

Edit a Health Facility

From the list of Health Facilities displayed, select the Health Facility and click the Edit 📝 button. The Edit Health Facility form is displayed.

Health Program

The Health Program module is for the maintenance of all health programs referenced in LDIMS. Once the Health Program is selected, the Health Programs page with the list of health programs is displayed.



Add a Health Program

To add a health program, click the Add Health Program button and the Add Health Program form is displayed. Data on the dropdown fields are maintained in LDIMS. For example, if a competency is not in the Competency dropdown field, proceed to LD Library-Competency and add the missing competency.

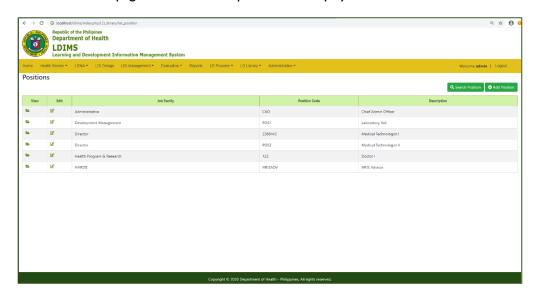
To save the data, click the Odd Health Program button. The new Health Program is added on the Health Program page.

Edit a Health Program

From the list of Health Programs displayed, select the Health Program and click the Edit watton. The Edit Health Program form is displayed.

Position

The Position module is for the maintenance of all positions referenced in LDIMS. Once the Position is selected, the Positions page with the list of positions is displayed.



Add a Position

To add a Position, click the Add a Position form is displayed. Data on the dropdown fields are maintained in LDIMS. For example, if a competency is not in the Competency dropdown field, proceed to LD Library-Competency and add the missing competency.

To save the data, click the Add Position button. The new Position is added on the Position page.

Search a Position

To search for a Position, click on the Search button and enter Position information. Click the Search button to search for all records matching the search information entered. Otherwise, a blank list is displayed.

View a Position

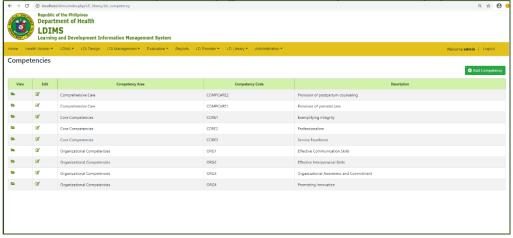
From the list of positions displayed, select the Position and click the View 📂 button. The View Position form is displayed together with the information on who and when the information was last updated.

Edit a Position

From the list of positions displayed, select the Position and click the Edit 📝 button. The Edit Position form is displayed.

Competency

The Competency module is for the maintenance of all competencies referenced in LDIMS. Once the Competency is selected, the Competencies page with the list of positions is displayed



Add a Competency

To add a Competency, click the Add Competency form is displayed. Data on the dropdown fields are maintained in LDIMS. For example, if a competency is not in the Competency dropdown field, proceed to LD Library-Competency and add the missing competency.

To save the data, click the OADD COMPETERS button. The new Competency is added to the Competencies page.

View a Competency

From the list of competencies displayed, select the Competency and click the View 📂 button. The View Competency form is displayed together with the information on who and when the information was last updated.

Edit a Competency

From the list of competencies displayed, select the Competency and click the Edit @ button. The Edit Competency form is displayed.

Administration

The Administration module is a user-interfaced option to set-up system information. This module is accessible only to the Systems Administrator to set-up the user access level and other referenced information in the dropdown fields of the LDIMS modules. It is recommended that all system information be set-up before the conduct of user testing and deployment. HHRDB should complete the information system and then conduct the user testing. After HHRDB has approved the completed system that meets user needs, then KMITS should conduct the security assessment (and other DOH mandated assessments) for it to receive final approval as a DOH information system to be hosted on the KMITS servers. While KMITS may not provide any actual information system development support, it serves as a reference, reviewer, and approver that the software is following DOH protocols, particularly for security. Hence the development of the information system is recommended to be guided by a consultant to assist HHRDB and KMITS to set up the information system completely.

1300 Pennsylvania Avenue, NW Washington, D.C. 20523 Tel: (202) 712-0000 Fax: (202) 216-3524 www.usaid.gov