



An Update on Developing a Framework of Technical Competencies & a Learning Management System

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Geneva
21 June 2018

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English - United States (en_us)

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INTELLECTUAL PROPERTY
ORGANIZATION

WIPO ASPAC Bureau Individualized Competency Based Learning Management



WIPO

This is a test site for implementing the individualized and competency based patent examiner training management.

COURSE CATEGORIES

-  International legal framework
-  National legal framework
-  Search methodologies
-  Miscellaneous
- [All courses ...](#)

NAVIGATION

- Home**
-  [Site announcements](#)
-  [Courses](#)

Don't worry about your **TRAINING**,
we'll create and provide **OPPORTUNITIES**.

Site announcements



ASPAC ICBLM born

by - [Admin](#) - - Saturday, 25 February 2017, 9:59 am

We are happy to announce that a new baby of the WIPO ASPAC Bureau has been born on February 23, 2017, named ASPAC **Individualized and Competency Based Learning Management**. We trust it gradually growing to a fully fledged application capable to support all aspects of managing the vocational training of individual substantive patent examiners from recruitment to full expertise in all areas of an individually

LOGIN



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Competencies

Home > Site administration > Competencies > Competency frameworks


- ADMINISTRATION  
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 - Migrate frameworks
 - Import competency framework
 - Export competency framework
 - Competency frameworks**
 - Learning plan templates
 - Badges
 - Location
 - Language

Competency frameworks

Add new competency framework

Competency frameworks repository

List of competency frameworks

Name	Competencies	Category	Actions
ICBLM patent examiner competency framework (ICBLM) 	322	System	Edit ▾
IPET Competencies (C1.0)	101	System	Edit ▾
OJT BT PH (OJTBTPH)	11	System	Edit ▾
RPET CF (RPET CF)	23	System	Edit ▾
Substantive Patent Examination (x)	8	System	Edit ▾

Competency model/framework/dictionary

- Competencies derived from/related to job descriptions: "job deliverables"
- Different categories
 - Behavioral, e.g. communication, managing,...
 - **Technical (functional) competencies**
- To attain/demonstrate a specific technical competency, a set of distinct
 - **skills** and
 - **knowledge** elements is required

Sample: RPET set of 23 technical skills

- Interpret specifications in accordance with rules of construction
- Consider the description
- Determine the invention
- Determine the scope of claims
- Consider clarity
- Consider clear and complete disclosure and full support
- Consider excluded subject matter
- Consider unity of invention
- Construe the scope of each claim (with regard to novelty and inventive step)
- Consider industrial applicability
- **Develop an effective search strategy**
- **Conduct online search**
- **Determine relevant prior art**
- Undertake appropriate record keeping

Sample: RPET set of 23 technical skills

- Determine if novelty exists
- Determine common general knowledge
- Determine if an inventive step exists
- Demonstrate knowledge and application of IPC system for indexing
- Produce first reports/opinions
- Consider amendments and/or arguments
- Determine the allowability of the amendments
- Demonstrate decision-making capability when considering attorneys'/ applicants' submissions
- Produce further reports (clear or adverse)

Lack of detail?

Sample: IPET competency units

Unit 2:	Construe patent specifications
Unit 3:	Evaluate patent specifications
Unit 4:	Assess novelty
Unit 5:	Assess inventive step
Unit 6:	Classify patent applications
Unit 7:	Conduct searches
Unit 8:	Produce examination reports

What **knowledge** and **skills** are required to conduct a prior art search?

Unit 7: Conduct searches

Elements and performance criteria



ELEMENTS <i>Elements describe the essential outcomes.</i>	PERFORMANCE CRITERIA <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Determine appropriate search strategies.	
2. Consider excluded subject matter.	
3. Conduct online search.	
4. Identify and retrieve relevant documents.	
5. Undertake appropriate record keeping.	



Search...



Selected competency

No competency selected

Navigation

Administration

▼ ICBLM patent examiner competency framework

- ▶ International Legal and Institutional Framework
- ▶ National Legal and Institutional Framework
- ▶ Patent Information
- ▶ Patent Classification ←
- ▶ Generic Substantive Examination
- ▶ Technology Specific Substantive Examination
- ▶ Generic Search Methodologies
 - ▶ Query Syntax, Operators and Field Identifiers
 - ▶ Keyword Search
 - ▶ Classification Search ←
 - ▶ Name Search
 - ▶ Date Search
 - ▶ Number Search
 - ▶ Precision and Recall
 - ▶ Search Strategy
 - ▶ Citation Search
 - ▶ Similar Documents
 - ▶ Family Reduction
- Filtering, Sorting, Ranking of Results
- Natural Language Search; Fuzzy Search
 - ▶ Language Equivalents
- Types and Objectives of Searches
- Screening and evaluating result lists
- Cross Lingual Searches
- Cross Database Searches
 - ▶ Specific Search Methodologies
- ▶ Technology Specific Search Methodologies ←
- ▶ Databases and Tools for Prior Art Search
- ▶ Work Sharing
- ▶ Formality Examination



Sample domain 'Patent Classification'

Competencies

[Home](#) ▶ [Site administration](#) ▶ [Competencies](#) ▶ [Competency frameworks](#) ▶ [ICBLM patent examiner competency framework](#)

ICBLM patent examiner competency framework *

Generic Competency Framework focusing on technical competencies for substantive patent examiners.

Competencies



- ▼ ICBLM patent examiner competency framework
 - ▶ International Legal and Institutional Framework
 - ▶ National Legal and Institutional Framework
 - ▶ Patent Information
 - ▼ Patent Classification
 - ▶ Objectives and purposes of patent classification systems
 - ▼ IPC
 - ▶ Hierarchy of Classification Scheme
 - ▶ Elements of Classification Scheme
 - ▶ Classification Terms and Standard Expressions
 - ▶ Scope of Classification Place
 - ▼ Classification Rules
 - Determine which classification rules are applicable for given place**
 - ▶ Classification Practice
 - ▶ Revision
 - ▶ IPC-PUB
 - ▶ CPC
 - ▶ FI and F-Terms

Selected skill

Determine which classification rules are applicable for given place [Edit](#) ▼
PC.I.CR.R

Guide IPC (141-155)

Cross-referenced competencies:

No other competencies have been cross-referenced to this competency.

[+ Add competency](#)

Description part of the CF element includes a reference to the official Guide to the IPC explaining the background of this skill

Explanation part of framework elements

ICBLM patent examiner competency framework *

Generic Competency Framework focusing on technical competencies for substantive patent examiners.

Competencies

Search...



- ▼ ICBLM patent examiner competency framework
 - ▶ International Legal and Institutional Framework
 - ▼ National Legal and Institutional Framework
 - ▼ IP Legislation
 - Subject Matter Excluded from Patent Protection
 - National IPO(s)
 - ▶ Patent Information
 - ▶ Patent Classification
 - ▶ Generic Substantive Examination
 - ▶ Technology Specific Substantive Examination
 - ▶ Generic Search Methodologies
 - ▶ Technology Specific Search Methodologies
 - ▼ Databases and Tools for Prior Art Search
 - Types of databases
 - Searchable and Retrievable Information
 - Search Interfaces
 - ▼ Patentscope
 - Use CLIR to find synonyms for a given keyword
 - Search and retrieve third party observations for a given PCT application
 - Search all national phase entries recorded in Patentscope for a given PCT application
 - For a given PCT application, check if a Chapter II preliminary examination was requested



Selected domain

Databases and Tools for Prior Art Search D [Edit](#) ▼

Databases/platforms useful for retrieving work products and examination status are covered by domain 'Work Sharing'

Competencies include in particular unique features of a database.

Cross-referenced competencies:

[Translate given query in a query usable with another given database S.Q.TC](#) ✕

[+ Add level](#)

Hierarchical structure

- Each field of learning was divided in separate units
- Top layer: 'Fields of learning'
- Second layer
- ...
- Lowest layer: Each element on the lowest level/layer may represent either
 - **Skill**
 - "Capable to research family information for a given application"
 - **Knowledge**
 - "Capable to explain the concept of a 'simple family'"
- Some elements may be represented both as knowledge or skill
 - Capable to describe the concept of family reduction (knowledge)
 - Capable to test if a specific database applies family reduction (skill)
- Wording should enable assessments

Top level: Fields of learning (domains)

Competencies

[Home](#) ▶ [Site administration](#) ▶ [Competencies](#) ▶ [Competency frameworks](#) ▶ [ICBLM patent examiner competency framework](#)

ICBLM patent examiner competency framework [✳]

Generic Competency Framework focusing on technical competencies for substantive patent examiners.

Competencies



- ▼ **ICBLM patent examiner competency framework**
 - ▶ International Legal and Institutional Framework
 - ▶ National Legal and Institutional Framework
 - ▶ Patent Information
 - ▶ Patent Classification
 - ▶ Generic Substantive Examination
 - ▶ Technology Specific Substantive Examination
 - ▶ Generic Search Methodologies
 - ▶ Technology Specific Search Methodologies
 - ▶ Databases and Tools for Prior Art Search
 - ▶ Work-Sharing
 - ▶ Formality Examination
 - ▶ Procedural Tasks of Patent Prosecution
 - ▶ Miscellaneous

Selected competency

+ Add domain

Cross-referenced competencies

ICBLM patent examiner competency framework *

Generic Competency Framework focusing on technical competencies for substantive patent examiners.

Competencies

Search...



- ▼ ICBLM patent examiner competency framework
 - ▶ International Legal and Institutional Framework
 - ▶ National Legal and Institutional Framework
 - ▼ Patent Information
 - Construction of Patent Documents
 - Types and Categories of Claims (Claim Construction)
 - ▶ Types of Data and Information
 - ▶ Publication of Patent Information
 - ▶ Patent Family Relations
 - ▶ Types of patent families
 - ▶ Divisions
 - Continuations
 - ▶ WIPO Standards
 - ▶ Meta (bibliographic) data
 - ▶ Patent Classification
 - ▶ Generic Substantive Examination
 - ▶ Technology Specific Substantive Examination
 - ▶ Generic Search Methodologies
 - ▶ Technology Specific Search Methodologies
 - ▶ Databases and Tools for Prior Art Search
 - ▼ Work-Sharing
 - ▼ Family Relations
 - Determine simple family of given application
 - Determine if extended family of given application includes more than one simple family

Selected level

Family Relations W.F

Cross-referenced competencies:

[Patent Family Relations P.I.F](#)

+ Add competency

Cross-referenced competencies

Search... 

- ▼ ICBLM patent examiner competency framework
 - ▶ International Legal and Institutional Framework
 - ▶ National Legal and Institutional Framework
 - ▶ Patent Information
 - ▼ Patent Classification
 - ▶ Objectives and purposes of patent classification systems
 - ▼ IPC
 - ▶ Hierarchy of Classification Scheme
 - ▶ Elements of Classification Scheme
 - ▶ Classification Terms and Standard Expressions
 - ▶ Scope of Classification Place
 - ▶ Classification Rules
 - ▶ Classification Practice
 - ▶ Revision
 - ▼ IPC-PUB
 - ▶ For a given text segment, use IPC-CAT to find a suitable IPC symbol 'Electronic Layer'
 - ▶ CPC
 - ▶ FI and F-Terms
 - ▶ DECLA
 - ▶ Machine Classification
 - ▶ Generic Substantive Examination
 - ▶ Technology Specific Substantive Examination
 - ▼ Generic Search Methodologies
 - ▶ Query Syntax, Operators and Field Identifiers
 - ▶ Keyword Search
 - ▼ Classification Search
 - ▶ Determine relevant classification symbol(s) for given subject matter to be searched
 - ▶ For a given IPC symbol, find other symbols relevant for search
 - ▶ Determine relevant classification symbols by means of keyword search of

Selected competency

Determine relevant classification symbol(s) for given subject matter to be searched SCB [Edit](#) ▼

Cross-referenced competencies:

For a given text segment, use IPC-CAT to find a suitable IPC symbol PC.I.PUB.CAT ✕

+ Add skill

Reflecting national practices

ICBLM patent examiner competency framework *

Generic Competency Framework focusing on technical competencies for substantive patent examiners.

Competencies

Search...

- ▼ ICBLM patent examiner competency framework
 - ▶ International Legal and Institutional Framework
 - ▼ National Legal and Institutional Framework
 - ▼ IP Legislation
 - ▶ Subject Matter Excluded from Patent Protection
 - ▶ National IPO(s)
 - ▶ Patent Information
 - ▶ Patent Classification
 - ▼ Generic Substantive Examination
 - ▶ Technical Nature of Invention
 - ▼ Exclusions
 - ▶ Determine if claimed subject matter is excluded from patent protection
 - ▶ Support
 - ▶ Clarity and Legal Certainty
 - ▶ Unity
 - ▶ Industrial Applicability
 - ▶ Relevant Date for Prior Art
 - ▶ Person Skilled in the Art
 - ▶ Novelty

Selected competency

Determine if claimed subject matter is excluded from patent protection E.E.D [Edit](#) ▼

Cross-referenced competencies:

[Subject Matter Excluded from Patent Protection N.F.L.E](#) ✕

+ Add skill

Cross-references to domain 'National Legal Framework' permit inclusion of national practices

Competence scales

ASPAC ICBLM - Admin -

WIPO ASPAC Bureau Individualized Competency Based Learning Management

Home ▶ Site administration ▶ Grades ▶ Scales Blocks editing on

ADMINISTRATION

- Site administration
 - Notifications
 - Registration
 - Advanced features
- Users
- Courses
- Grades
 - General settings
 - Grade category settings
 - Grade item settings
 - Scales**
 - Letters
 - Report settings
- Competencies
- Badges
- Location
- Language
- Plugins
- Security
- Appearance
- Front page
- Server
- Reports

Custom scales

Standard scales

Scale	Used	Edit
Default competence scale Not yet competent, Competent	Yes	
Staggered competency levels not competent, basic competence, medium competence, competent, expert	Yes	
Self assessment staggered Very Low, Low, Medium, High, Very High	Yes	

[Add a new scale](#)

Competence is assessed by means of course activities, such as 'quizzes', 'assignments',...

The way forward: competency framework

- Compatibility of ICBLM CF with CBT frameworks of RPET-Mentoring
 - Concordance tables
 - Harmonizing wording
- Develop sample domain 'National Legal and Institutional Framework' in cooperation with interest office
- Add further skills, in particular skills enabling assessments
 - for example, database specific skills
 - Cooperate with expert bodies like IPC Committee of Experts
- Add explanations
 - Links to PCT S&E Guidelines
- Review hierarchical ordering
 - As few levels as possible
- Review codes/symbols used for each framework element

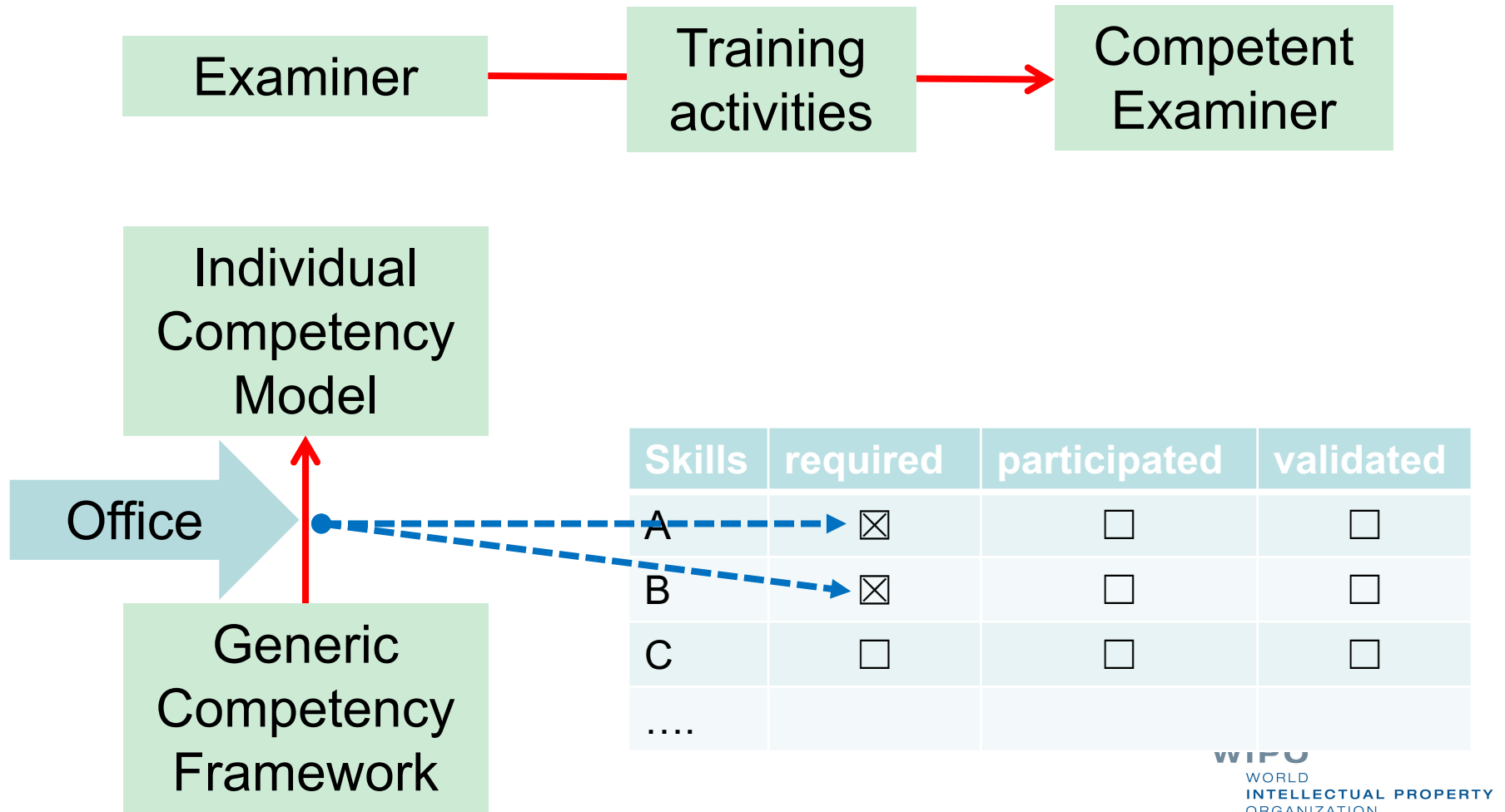
Why do we need detailed competency models?

- Sufficiently detailed competency models/frameworks facilitate, **in standardized manner**,
 - **Define individualized competency models**
 - Efficient communication of training needs
 - From beneficiary to provider/WIPO & WIPO to provider/donor
 - Definition of prerequisites for training activities (by provider)
 - Description of course content (by provider) (syllabus)
 - Standardized tracking of training progress in terms of competencies
 - Participation
 - Success of learning
 - Reporting

Competencies and training

- No "one fits all" approach:
 - Different organizations
 - Different individuals (job descriptions)
- Different competencies required depending on
 - How an office organizes substantive examination
 - Stand alone substantive examination (**middle to large offices**)
 - IPET, RPET: (more) emphasis on [prior art search skills](#)
 - Outsourcing (**small offices**): emphasis on [work-sharing skills](#)
 - Additional skills needed for further activities like IP promotion, advisory services for applicants, ...

Defining individual competency model



Create new individual competency model 1

WIPO ASPAC Individualized Competency-Based Learning Management System

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Learning plan templates



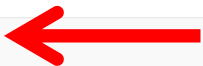
[Add new learning plan template](#)

Click to create individual learning plan from template

List of learning plan templates

Name	Category	Cohorts	Learning plans	Actions
Medium IPO	System	0	2	Edit ▾
MyIPO	System	0	2	Edit ▾
OJTBTPH	System	0	0	Edit ▾
Small IPO	System	0	0	Edit ▾

- Edit
- Duplicate
- Create learning plans
- Add cohorts to sync
- Delete



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[Home](#)

Create new individual competency model 2

WIPO ASPAC Individualized Competency-Based Learning Management System

Home > Site administration > Competencies > Learning plan templates > Medium IPO > Learning plans

Medium IPO

Learning plans

Select users to create learning plans for

No selection
Search

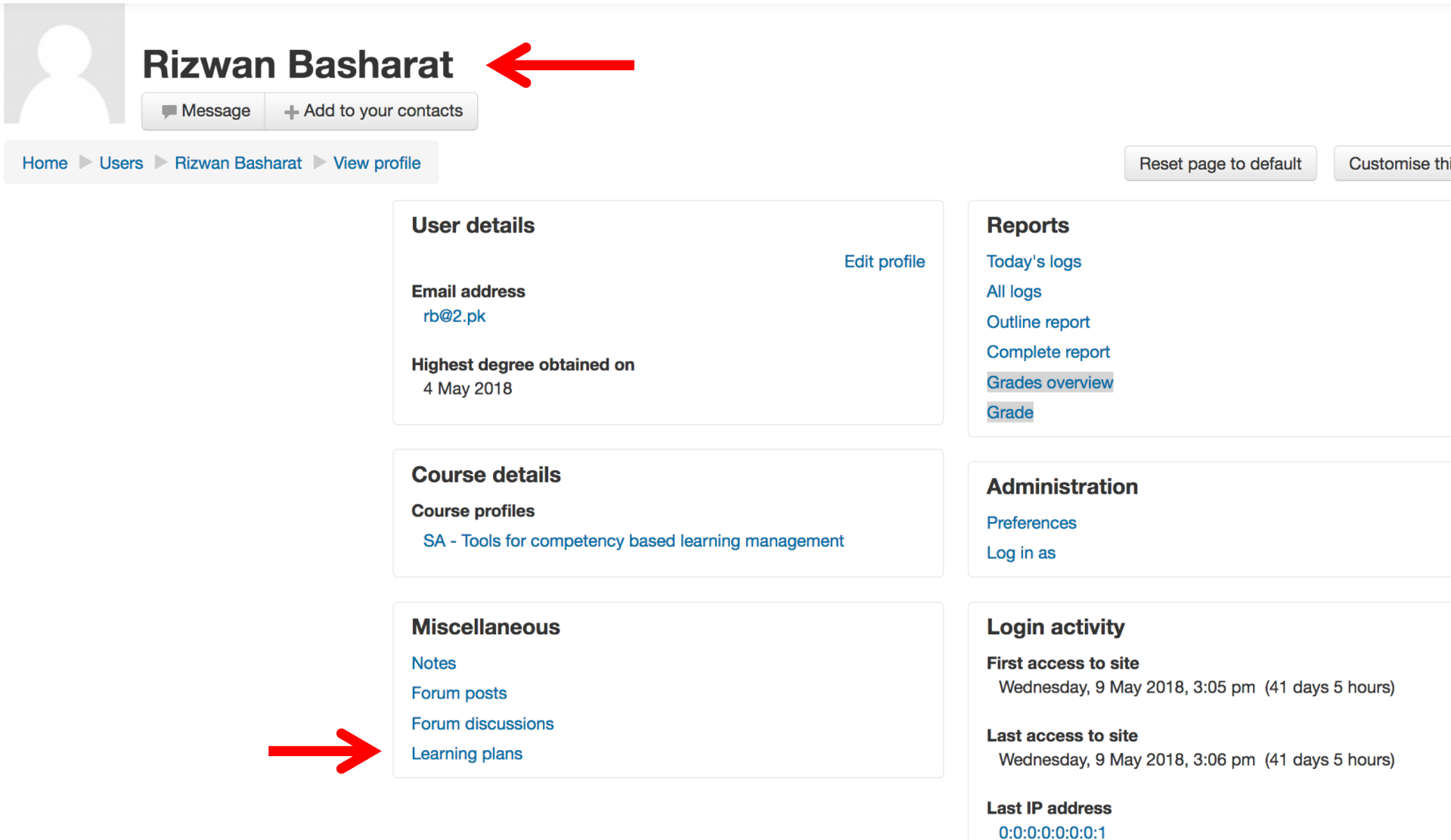
Select examiner

Name	First name
Medium IPO	Sirin
Medium IPO	Stefano
	Mohd Hafiz
	Rizwan
	Thitiya
	Napapat
	Poksavivanh
	Marjorie De Luna
	Thien Hoang Do
	Keetaya Hoover
	Phaksoem

Email address
x@y.a
marjorie.deluna@ipophil.gov.ph

docs for this page
as - Admin - (Log out)
ome

Learning plans in profile of trainees



The image shows a user profile page for Rizwan Basharat. At the top left is a placeholder for a profile picture. To its right is the name 'Rizwan Basharat' with a red arrow pointing to it. Below the name are two buttons: 'Message' and '+ Add to your contacts'. A breadcrumb trail below the name reads 'Home > Users > Rizwan Basharat > View profile'. On the right side, there are two buttons: 'Reset page to default' and 'Customise this page'. The main content area is divided into several sections:

- User details**: Includes 'Email address' (rb@2.pk) and 'Highest degree obtained on' (4 May 2018). An 'Edit profile' link is on the right.
- Course details**: Includes 'Course profiles' with the text 'SA - Tools for competency based learning management'.
- Miscellaneous**: Includes links for 'Notes', 'Forum posts', 'Forum discussions', and 'Learning plans'. A red arrow points to the 'Learning plans' link.
- Reports**: Includes links for 'Today's logs', 'All logs', 'Outline report', 'Complete report', 'Grades overview', and 'Grade'.
- Administration**: Includes links for 'Preferences' and 'Log in as'.
- Login activity**: Includes 'First access to site' and 'Last access to site', both dated Wednesday, 9 May 2018, 3:05 pm and 3:06 pm respectively. It also includes 'Last IP address' (0:0:0:0:0:0:1).

Rizwan Basharat

Message

+ Add to your contacts

Home > Users > Rizwan Basharat > View profile

Reset page to default

Customise this page

User details

[Edit profile](#)

Email address

rb@2.pk

Highest degree obtained on

4 May 2018

Course details

Course profiles

SA - Tools for competency based learning management

Miscellaneous

[Notes](#)

[Forum posts](#)

[Forum discussions](#)

[Learning plans](#)

Reports

[Today's logs](#)

[All logs](#)

[Outline report](#)

[Complete report](#)

[Grades overview](#)

[Grade](#)

Administration

[Preferences](#)

[Log in as](#)

Login activity

First access to site

Wednesday, 9 May 2018, 3:05 pm (41 days 5 hours)

Last access to site

Wednesday, 9 May 2018, 3:06 pm (41 days 5 hours)

Last IP address


0:0:0:0:0:0:1

Edit learning plan (individual competency model)

Rizwan Basharat
Message Add to your contacts

Home > Users > Rizwan Basharat > Learning plans

Basharat's way to excellence

+ Add competency 

Status
Active (Complete this learning plan) (Send back to draft)

Progress
0 out of 0 competencies are proficient


Comments (0)

Learning plan competencies

Name	Rating
No competencies have been linked to this learning plan.	

Competency picker

Competency frameworks
ICBLM patent examiner competency framework ICBLM

Locate competency
Search... 

- ICBLM patent examiner competency framework
 - International Legal and Institutional Framework
 - National Legal and Institutional Framework
 - Patent Information
 - Patent Classification
 - Generic Substantive Examination
 - Technology Specific Substantive Examination
 - Business Methods
 - Computer Implemented Inventions
 - Diagnostic and Therapeutic Inventions**
 - Generic Search Methodologies
 - Technology Specific Search Methodologies
 - Databases and Tools for Prior Art Search
 - Work-Sharing
 - Formality Examination
 - Procedural Tasks of Patent Prosecution
 - Miscellaneous

Add Cancel

Home

Edited learning plan



Rizwan Basharat

[Message](#)

[+ Add to your contacts](#)

[Home](#) ▶ [Users](#) ▶ [Rizwan Basharat](#) ▶ [Learning plans](#) ▶ [Basharat's way to excellence](#)

Basharat's way to excellence ^{*}

[+ Add competency](#)

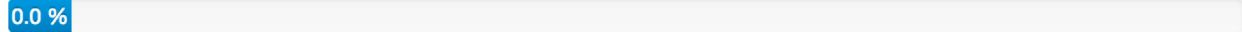
Status

Active ([Complete this learning plan](#)) ([Send back to draft](#))

Progress

0 out of 1 competencies are proficient

0.0 %



[▶ Comments \(0\)](#)

Learning plan competencies

Name	Rating	Proficient	Status	Actions
Diagnostic and Therapeutic Inventions <i>TE.DT</i> Path: ICBLM patent examiner competency framework / TE	-	No	-	Edit ▼



Trainee's learning plan & Finding suitable courses



Rizwan Basharat

Message

+ Add to your contacts

Home > Users > Rizwan Basharat > Learning plans > Medium IPO

Medium IPO

Status

Active ([Complete this learning plan](#))

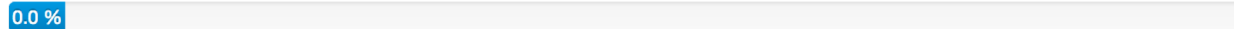
Learning plan template

[Medium IPO](#) ([Unlink from learning plan template](#))

Progress

0 out of 10 competencies are proficient

0.0 %




[Comments \(0\)](#)

Learning plan competencies

Name	Rating	Proficient	Status	Actions
International Legal and Institutional Framework IF Path: ICBLM patent examiner competency framework /	-	No	-	Edit ▾
Paris Convention IF:PC Path: ICBLM patent examiner competency framework / IF	-	No	-	Request review Find courses
PCT IF:PCT Path: ICBLM patent examiner competency framework / IF	-	No	-	Edit ▾



Finding suitable courses



Rizwan Basharat

[Message](#) [+ Add to your contacts](#)

[Home](#) ▶ [Users](#) ▶ [Rizwan Basharat](#) ▶ [Learning plans](#) ▶ [Medium IPO](#)

Medium IPO

Status
Active ([Complete this learning plan](#))

Learning plan template
[Medium IPO \(Unlink from learning plan template\)](#)

Progress
0 out of 10 competencies are proficient

▶ [Comments \(0\)](#)

Suitable courses covering selected competency

Linked courses

Courses linked to this competency

- [International legal and institutional framework ILIF](#)

Learning plan competencies

Name	Rating	Proficient	Status	Actions
International Legal and Institutional Framework IF Path: ICBLM patent examiner competency framework /	-	No	-	Edit ▼
Paris Convention IFPC Path: ICBLM patent examiner competency framework / IF	-	No	-	Edit ▼
PCT IF.PCT Path: ICBLM patent examiner competency framework / IF	-	No	-	Edit ▼

Assigning competencies to training activities

acicblms

- Admin -

Course: Worksharing

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Course competencies

Add competencies to course

Competency ratings in this course are updated immediately

No competencies have been linked to this course.

Manage competencies and frameworks

Competency picker

Competency frameworks
ICBLM patent examiner competency framework ICBLM

Locate competency

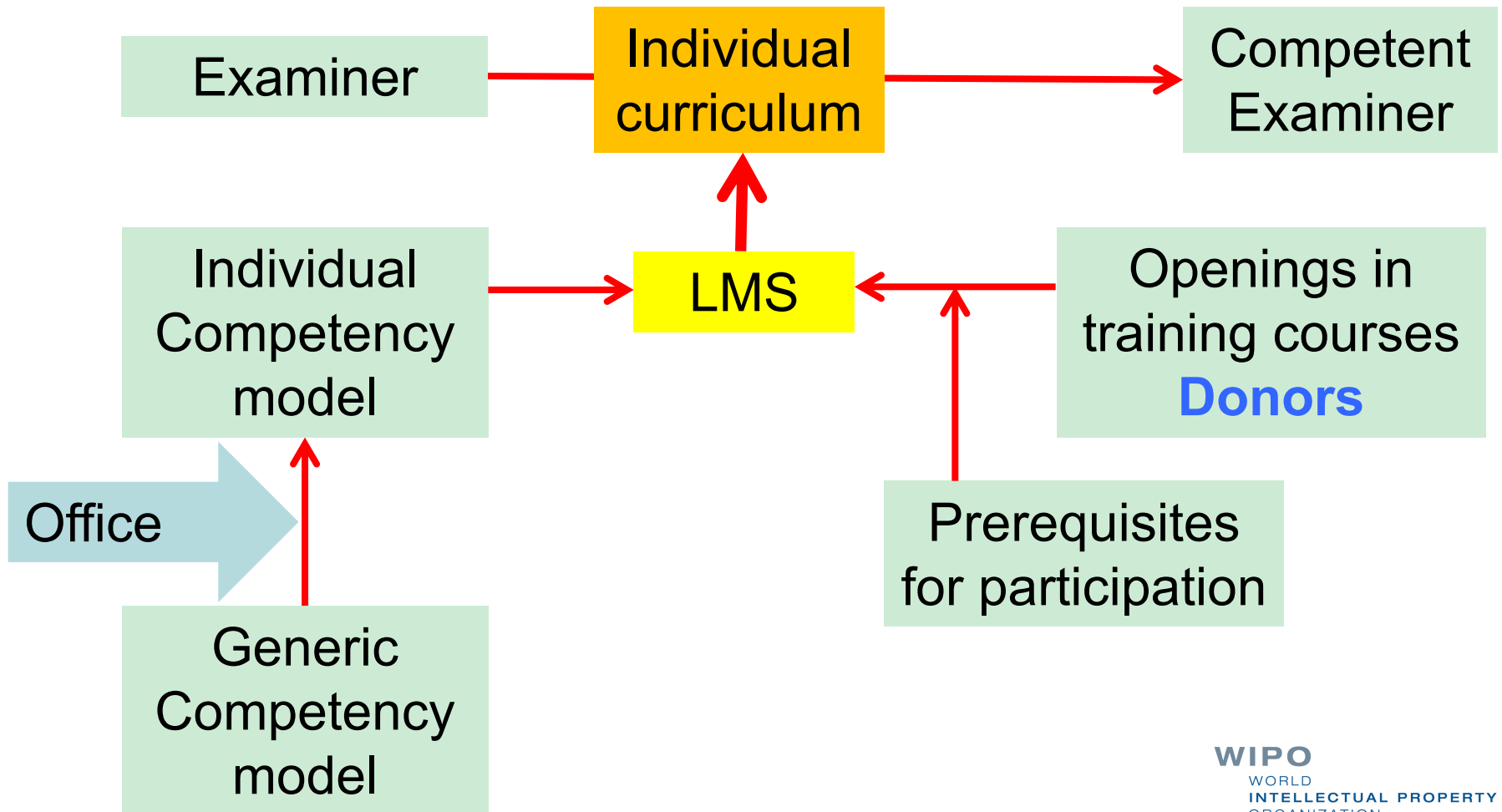
- ▶ Generic Substantive Examination
- ▶ Technology Specific Substantive Examination
- ▶ Generic Search Methodologies
- ▶ Technology Specific Search Methodologies
- ▶ Databases and Tools for Prior Art Search
- ▼ Work-Sharing
 - ▶ Family Relations
 - ▶ Examination Status of Family Members
 - ▶ Examination Work Products
 - ▶ Citations
 - ▶ Claims and Amendments
 - ▶ Platforms/Databases/Tools for Work-Sharing
 - ▶ Work Sharing Initiatives
 - ▶ Monitoring Examination Progress of Family Members
 - ▶ Differences between National Examination Practices
 - ▶ Specific Aspects of Backlog Processing
 - ▶ Examination in the PCT National Phase
 - ▶ WIPO's ICE Service
- ▶ Formality Examination
- ▶ Procedural Tasks of Patent Prosecution

ADMINISTRATION

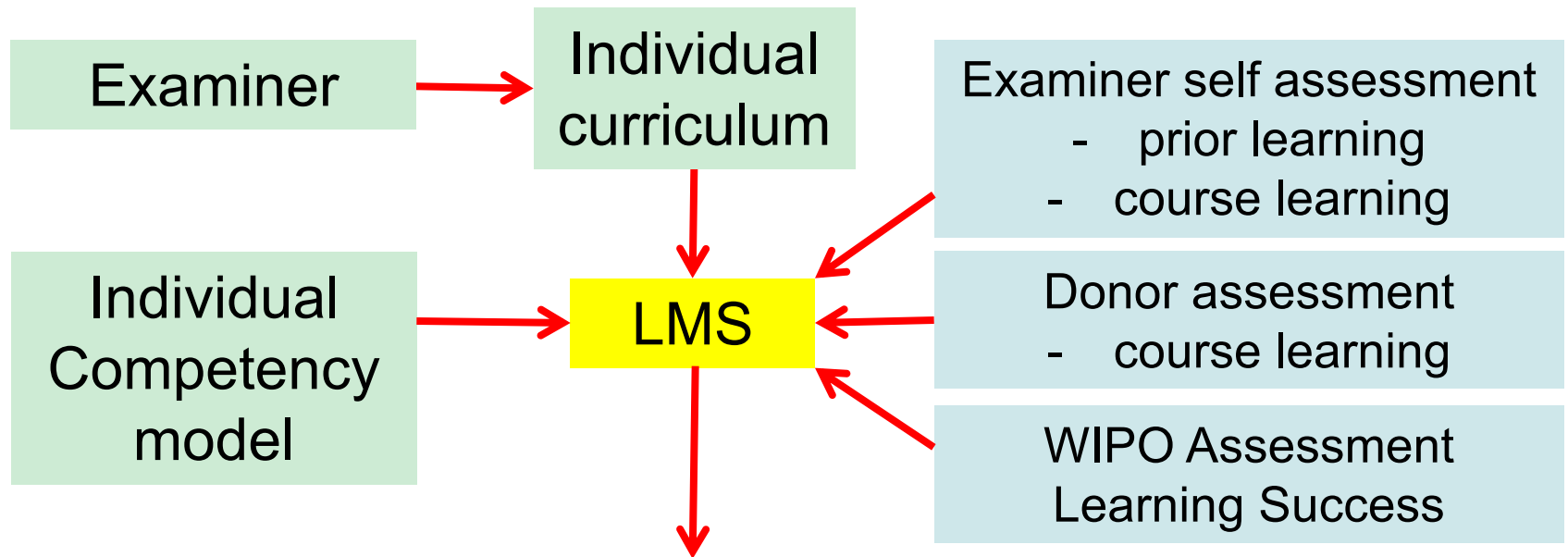
- ▼ Course administration
 -
 -
 -
 - ▶ Users
 -
 - ▼ Filters
 - ▶ Reports
 -
 - ▶ Badges
 -
 -
 -
 -
 -
 - ▶ Question bank

▶ Site administration

LMS: Managing course assignment



LMS: Tracking Learning Progress



Skills	required	participated	validated
A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
....			

Assessments

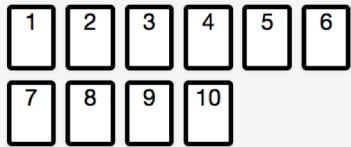
- Self-Assessments
 - before/after training activity
 - Independent of training activity, for example with enrollment in LMS
- Validated assessments (by means of test/exam)
 - After specific training activity
 - Independent of specific training activity, for example after self-assessment

Self-assessments

OJT 2018 DIP BT at IPOPHL

[Home](#) ▶ [My courses](#) ▶ [OJTBTPH](#) ▶ [General](#) ▶ [Self assessment prior to training](#) ▶ [Preview](#)

QUIZ NAVIGATION



[Finish attempt ...](#)

[Start a new preview](#)

Question 1

Not yet answered

Marked out of 1.00

[Flag question](#)

[Edit question](#)

How would you rate your ability to assess clarity of claims

Select one:

- Very low
- Low
- Medium
- High
- Very High

Question 2

Not yet answered

Marked out of 1.00

[Flag question](#)

[Edit question](#)

How would you rate your ability to assess novelty and inventive step of claimed subject matter in view of given prior art

Select one:

- Very low
- Low
- Medium
- High
- Very High

Assessment test for competency 'family relations'

Worksharing

[Home](#) ▶ [My courses](#) ▶ [WS](#) ▶ [Preview](#)

QUIZ NAVIGATION

1 2 3 **4** 5 6

7


[Finish attempt ...](#)


[Start a new preview](#)

Question 4

Not yet answered

Marked out of 1.00

 [Flag question](#)

 [Edit question](#)

Check if the simple and the extended families of the following application are equivalent: PCT/EP2007/053015

Select one:

- True
- False

[Previous page](#)

[Next page](#)

ADMINISTRATION

▼ Quiz administration

- [Edit settings](#)
- [Group overrides](#)
- [User overrides](#)

 [Edit quiz](#)

 [Preview](#)

▶ Results

- [Locally assigned roles](#)
- [Permissions](#)
- [Check permissions](#)

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▶ [Question bank](#)

▶ [Course administration](#)

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WIPO

WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

Recording participation in training activities

Ramli

Participant

[Home](#) ▶ [Courses](#) ▶ [Participation in Training Activities](#) ▶ [PTA](#)

Participation in Training Activities (Workshops, Seminars, DL)

[View list](#) [View single](#) [Search](#) [Add entry](#) [Export](#) [Templates](#) [Fields](#) [Presets](#)

Entries per page Search Sort by Advanced search

Date of activity: 9 May 2018

Name of activity: Competency based learning management

Organizer: WIPO

Venue: IIPTI, Korea

Attach Program: [W program IIPTI_v4.2.doc](#)

Mode of Learning: Face-to-Face Seminar overseas

Select all

Deselect all

Delete selected

Details of training activity

List of users (any roles, e.g. trainees, managers,..)

WIPO ASPAC Individualized Competency-Based Learning Management System

[Home](#) ▶ [Site administration](#) ▶ [Users](#) ▶ [Accounts](#) ▶ [Browse list of users](#)

Blocks editing on

49 Users

Page: 1 2 (Next)

▶ New filter

First name / Surname	Email address	City/town	Country	Last access	Edit
- Admin -	admin@localhost.com	Somewhere	Australia	26 secs	⚙️
Andrew Ong	andrew.ong@wipo.int	Geneva	Switzerland	1 year 115 days	✕ 👁 ⚙️
Boonrat Pholjaroen	t_o_t_o_toto@hotmail.com			Never	✕ 👁 ⚙️
Chumpol Siriwattanasit	toprijkaard@hotmail.com			Never	✕ 👁 ⚙️
Chunyanut Wongkhum	chunyanut17@gmail.com			Never	✕ 👁 ⚙️
Chutimon Worachetbancha	chumiunow31@gmail.com			Never	✕ 👁 ⚙️
David Simmons	test@test.com			Never	✕ 👁 ⚙️
Dechen Wangmo	d@w.bt		Bhutan	Never	✕ 👁 ⚙️
Dwi Waskita Trisna Utama	dwt@y.z			Never	✕ 👁 ⚙️
Edgar Allan Yorro	x@ipophl.gov.ph			41 days 8 hours	✕ 👁 ⚙️
Hesam Adram	1@4.ir			Never	✕ 👁 ⚙️
Jumras Yippikul	x@y.z			Never	✕ 👁 ⚙️

List of cohorts

System: available cohorts (8)

System cohorts





























All cohorts

Add new cohort

Upload cohorts

Search cohort

Search

Name	Cohort ID	Description	Cohort size	Source	Edit
DIP Bhutan ↗	BT.E ↗		0	Created manually	   
DIP Lao ↗	DIPLA ↗		3	Created manually	   
DIP Thailand ↗	TH.E ↗	All examiners of DIP Thailand	0	Created manually	   
DIP Thailand Recruits 2017 ↗	TH.E.2017 ↗	All DIP Thailand examiners recruited in January 2017	0	Created manually	   
DIP Thailand Recruits 2018 ↗	TH.E.2018 ↗		23	Created manually	   
GDIP Indonesia examiners ↗	ID.E ↗		0	Created manually	   
IIPTI 052018 ↗	IIPTI052018 ↗	All participants of the workshop on tools for competency based learning management at IIPTI on May 9 to 11, 2018	15	Created manually	   

MOODLE Standard (Archetype) Roles

- **Administrator**
 - Manager
 - Course creator
 - **Teacher**
 - Non-editing teacher
 - **Student**
 - Guest
-
- Each role is given certain permissions to deliver/perform expected actions
 - Customized roles can be derived from archetype roles

ICBLM Custom Roles

- Admin
- Coordinator (learning manager)
- Examiner
- Examiner trainee (new recruit)
- Mentor
- (Trainer)
- (Course developer)
- (Evaluator)
- (supervising examiner)

List of (custom) roles for users

WIPO ASPAC Individualized Competency-Based Learning Management System

[Home](#) ▶ [Site administration](#) ▶ [Users](#) ▶ [Permissions](#) ▶ [Define roles](#)

Blocks editing on

[Manage roles](#) [Allow role assignments](#) [Allow role overrides](#) [Allow role switches](#)

Role [?]	Description	Short name	Edit
Learning Management Officer	renamed to meet IP Office context	lmo	↓ ⚙ ×
Examiner	Derived from role 'student'; renamed to meet IP Office context.	examiner	↑ ↓ ⚙ ×
Examiner trainee	Derived from role 'examiner'; covers new recruits; renamed to meet IP Office context.	examinertrainee	↑ ↓ ⚙ ×
Manager	Managers can access course and modify them, they usually do not participate in courses.	manager	↑ ↓ ⚙ ×
Course creator	Course creators can create new courses.	coursecreator	↑ ↓ ⚙ ×
Donor Course Creator	Would assign competencies to a donor organized course	dcc	↑ ↓ ⚙ ×
Mentor	derived from archetype editing teacher;	mentor	↑ ↓ ⚙ ×
Teacher	Teachers can do anything within a course, including changing the activities and grading students.	editingteacher	↑ ↓ ⚙ ×
Non-editing teacher	Non-editing teachers can teach in courses and grade students, but may not alter activities.	teacher	↑ ↓ ⚙ ×
Student	Students generally have fewer privileges within a course.	student	↑ ↓ ⚙ ×
Guest	Guests have minimal privileges and usually can not enter text anywhere.	guest	↑ ↓ ⚙

What is ASPAC LMS used for?

- Developing and editing generic CF
 - Hierarchical structure
 - Cross referencing
 - Competence (proficiency) scales
- Defining individual competency models (**learning plans**)
 - by selecting from generic CF
 - by further editing
- Recording users and assigning them different roles (student, teacher, ..)
- 'Grouping' of users (**cohorts**)
- Recording specific training activities (**courses**) organized by various institutions
- Describing learning outcomes of specific training activity in terms of competencies

What is ASPAC LMS used for?

- Tracking participation of users in training activities
- Tracking learning progress (success of learning): Assessments
- Identifying training gaps
- Assigning suitable training activities to fill training gaps (in terms of competencies)
 - Finding suitable courses
 - Checking prerequisites for participation (required competencies)
- Reporting

Further applications of LMS

- Develop courses
- Deliver courses
- Performance management

Sites (localisations)

- ASPAC Bureau site
- Sites of national IPOs derived from and compatible with ASPAC site
- Preferred option
- Each site is stand-alone; no client(IPO)/server(WIPO) architecture
- National sites may be implemented as client/server system if the Office wishes
 - For example, each examiner work station as a client; or each training room work station as a client
- Data exchange between WIPO and IPOs by means of files; export/import or backup/restore
- Alternative: Peer-to-peer network (Mnet)
- Alternative: (Client-Server)
- Alternative: Trainees connect as clients to WIPO

Sites (localisations)

WIPO
SITE

MyIPO
SITE

IPOPHL
SITE

DGIP
SITE

The way forward: LMS

- Explore MOODLE further to add
 - Reporting
 - ...
- Additional functionalities or specific configurations needed by offices
 - Custom roles
- Develop assessment for domain 'work-sharing'
- Exporting and sharing of data (CF,...)
- Populate system with data of examiners
- Promote among offices
- *Networking local sites*

Thank you

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