

Using Moodle for ...

- AUTO-ENROLMENTS BASED ON USER CRITERIA
- GROUPING THE GRADE STRUCTURE
- ONLINE TESTING TOOL

Auto-enrolments based on User criteria

Requirement:

- ▶ Online Training courses / Instructor Led-courses based on criteria
 - Designation
 - Location
- ▶ Employee information - HRMS application
- ▶ Integration between HRMS and LMS
 - Designation , Location, Branch, Hierarchy

Auto-enrolments based on User criteria

Challenge:

- ▶ Auto-enrolment based on designation or location or custom criteria
- ▶ Post training result

Solution:

We have met the requirement using custom modules listed below:

HRMS sync module:

- ▶ Employees' designations and their working locations, etc. details synced to LMS
- ▶ LMS account is created

Auto-enrolment module:

- ▶ It is an enrolment plugin
- ▶ Can be enabled for every course. Site managers can configure the designation and location as criteria for a course
- ▶ Users with the matching designations and location will be auto enrolled to their respective courses during login event to LMS

Auto enrolment

▼ Auto enrolment

Custom instance name

IGT Auto Enrolment

Allow auto enrolments ?

Yes

Cost center location

× ~~CHENNAI~~ OUTPORT

× Plan Approval - Hull & Machinery (Existing Ships)

× ~~COA~~ OUTPORT

Designation

All

Sr. Executive

Employer

Manager

Enrol on ?

User login

Grouping the Grade Structure

Requirement:

- ▶ Online training / Instructor Led-courses to users of Banking and Business domains
- ▶ Allow admins to manage Online and Offline exams on LMS

Challenge:

- ▶ To manage exams (online & offline) using Moodle LMS
- ▶ Every exam will have groups and sub-groups which carries some weightage that will contribute to the grand total

Client requirement snapshot:

Module Name	Modular Marks	Marks Obtained	Percentage	Sub Group	Sub Group Weightage	Sub Group Weightage	Group	Group Weightage	Group Weightage	Final Score	Grade			
Banking Proficiency Test 1	50	25	50	Banking Proficiency	100	62.5	Banking Proficiency	5	3.125	50.625	D			
Banking Proficiency Test 2	50	25	50											
Banking Proficiency Test 3	50	25	100											
Banking Proficiency Test 4	50	50	100											
Catalyst	50	25	50	Catalyst	100	50	Catalyst	10	5					
Communication - Article	2	1	50	Communication	100	50	Communication	25	12.5					
Communication - Hollywood Movie	2	1	50											
Communication - Industry Insight	2	1	50											
Intervention 1	5	2.5	50	Confidence	100	50	Confidence	25	12.5					
Intervention 2	5	2.5	50											
Intervention 3	5	2.5	50											
Intervention 4	5	2.5	50											
Final Test - RRB V3	100	50	50	Course Proficiency - Final Exam	40	20	Course Proficiency	35	17.5					
Banking Laws and Practice	50	25	50	Course Proficiency - Modular	30	15								
Banking Products and Services	50	25	50											
Business Banking	100	50	50											
Business Statistics	50	25	50											
English Reading	50	25	50											
ET-Quiz 1	100	50	50											
ET-Quiz 2	100	50	50											
ET-Quiz 3	100	50	50											
ET-Quiz 4	100	50	50											
ET-Quiz 5	100	50	50											
ET-Quiz 6	100	50	50											
Essentials of Finance	50	25	50											
Finance - Case Banking Solution	50	25	50											
Financial Planning and Wealth Management	50	25	50											
Financial Statement Analysis	50	25	50											
Money, Banking and Indian Financial System	50	25	50											
NPB-Banking	50	25	50											
Introduction to Economics	50	25	50											
Retail Banking	50	25	50											
Sales and Distribution of Financial Products and Services	50	25	50											
Course Proficiency - Final Exam	100	50	50									Course Proficiency - Final Exam	20	10

Solution:

- ▶ Used Moodle default Grade book features:
 - Gradebook API
 - Grade aggregations
 - Grade categories and grade item weightage calculations
- ▶ Created custom views and used Moodle Grade book API functions to meet the requirement.
- ▶ Exams are created as Grade items. An online exam is a Moodle Quiz and an offline exam is a grade item.

Manage Batches

[Active Batch](#) [Completed Batch](#) [All](#)

Attendance edit setting

Create New +

Search by Criteria ▶

Show 10 entries

Search:

"Manage exams" feature is linked to Moodle course gradebook

<input checked="" type="checkbox"/>	Business System Manage Exams	Learning Center : Hyderabad Program : Line of Business Users/Batch Strength : 0/50 Total Sessions : 200	Start Date : 01 Oct 2018 7:00 Actual End Date : 21 Sep 2019 0:00 Projected End Date : 21 Sep 2019 0:00 Change Projected End Date	Add Logo/Banner ✖
<input checked="" type="checkbox"/>	LOB002 Manage Exams	Learning Center : Hyderabad,Bangalore Program : Line of Business Users/Batch Strength : 0/45 No of sessions / per day : 5	Start Date : 01 Oct 2018 7:00 Actual End Date : NA Projected End Date : 19 Dec 2018 19:00 Change Projected End Date	Add Logo/Banner ✖

Business System

Template Exams

Create exam

Exams

CGPA Settings

Evaluate Exam

Permissions

Schedule Exam

Reports

Certificate / Marksheet

Create exam

Can create either:

- **An online exam – A quiz added to grade book**
- **Offline exam - Moodle grade item added to grade book**

Please select the Exam type from

Select Exam type ▾

- Select Exam type
- Offline
- Online**
- Assignment

and an exam to the Exam Template.

Both types of exams (online and offline) are grouped as 'Exam template' and assigned to a Batch of students. They are graded for the exams, final total is calculated as per the group and sub-group Weightages.

Name	Weights ?	Max grade	Actions
Finance and Accounts		-	Edit ▾
└─ CAP - Banking Proficiency	<input checked="" type="checkbox"/> 5.0	-	Edit ▾
└─ CAP - Banking Proficiency	<input type="checkbox"/> 100.0	-	Edit ▾
└─ <input type="checkbox"/> Banking Proficiency Test 1	<input type="checkbox"/> 25.0	50.00	Edit ▾
└─ <input type="checkbox"/> Banking Proficiency Test 2	<input type="checkbox"/> 25.0	50.00	Edit ▾
└─ <input type="checkbox"/> Banking Proficiency Test 3	<input type="checkbox"/> 25.0	50.00	Edit ▾
└─ <input type="checkbox"/> Banking Proficiency Test 4	<input type="checkbox"/> 25.0	50.00	Edit ▾
└─ Σ CAP - Banking Proficiency total		200.00	Edit ▾
Σ CAP - Banking Proficiency total		200.00	Edit ▾
└─ Catalyst	<input checked="" type="checkbox"/> 10.0	-	Edit ▾
└─ Catalyst	<input type="checkbox"/> 100.0	-	Edit ▾
└─ <input type="checkbox"/> Catalyst	<input type="checkbox"/> 100.0	50.00	Edit ▾
└─ Σ Catalyst total		50.00	Edit ▾
Σ Catalyst total		50.00	Edit ▾

Online Testing Tool

Requirement:

- ▶ Online test tool to test skills under various categories:
 - Grammar
 - Writing
 - Reading
 - Listening
 - Logical Reasoning, etc.

Challenge:

- ▶ A **single test** should have
 - Questions categorized under various categories.
 - Student should achieve **minimum score** under every category viz. Writing, Grammar, Reading, Listening, etc. to finally get a pass score in the quiz.

Solution:

Used Moodle quiz with some tweaks to meet the requirement:

- ▶ Customized Quiz module to have question categories. These categories are unlike Moodle question bank categories
- ▶ Questions inside quiz are grouped under these categories.
- ▶ Every category to carry some weightage which will contribute to final quiz total
- ▶ Every category has individual completion criteria
- ▶ A quiz is completed when a student meets every category criteria
- ▶ Quiz attempt review page is customized to show the category-wise report of student's attempt

Professional English Test (PET)

This English Skills Test is exclusively designed for Professionals of the Pharmaceutical Industry.
It has 41 Questions in 5 sections to be completed in 60 minutes.



Grammar



Reading



Listening



Speaking



Writing

[Attempt quiz](#)

Directions

For Grammar / Reading / Listening

- 👉 Read or listen to the question.
- 👉 Click A, B, C or D to choose the right or best answer.
- 👉 Click 'Next page' to proceed.

For Speaking

- 👉 Click Play button and listen.
- 👉 Click RECORD and then answer the question aloud.
- 👉 Click STOP when you complete.

Information

Play video for Questions 29 - 31



Question 29

Andrew's main point of presentation is

Select one:

- a. about digitalization examples and initiatives in pharma
- b. about his company
- c. about future of the pharma industry
- d. about increasing flexibility and market readiness in pharma

Question 30

Pharma plant of the future should have

Select one:

- a. three key steps
- b. more clinical trial facilities
- c. digitalization examples and initiatives
- d. increasing flexibility and market readiness

Question 31

Directions

For Grammar / Reading / Listening

- 👉 Read or listen to the question.
- 👉 Click A, B, C or D to choose the right or best answer.
- 👉 Click 'Next page' to proceed.

For Speaking

- 👉 Click Play button and listen.
- 👉 Click RECORD and then answer the question aloud.
- 👉 Click STOP when you complete.

Question 37

Read aloud the following paragraph into the microphone.

The pharmaceutical industry (or medicine industry) is the commercial industry that discovers, develops, produces, and markets drugs or pharmaceutical drugs for use as different types of medicine and medications. Pharmaceutical companies may deal in generic or brand medications and medical devices. They are subject to a variety of laws and regulations that govern the patenting, testing, safety, efficacy and marketing of drugs.

🎤 Audio record 📹 Video record



Professional English Test -1

Summary of attempt

Question

Grammar Section (Q 1-20) ----- 20% weightage

1

2

Reading Section (Q 21-28) ----- 20% weightage

3

4

Listening Section (Q 29-36) ----- 20% weightage

5

6

Speaking Section (Q 37-39) ----- 20% weightage

7

8

Writing Section (Q 40-41) ----- 20% weightage

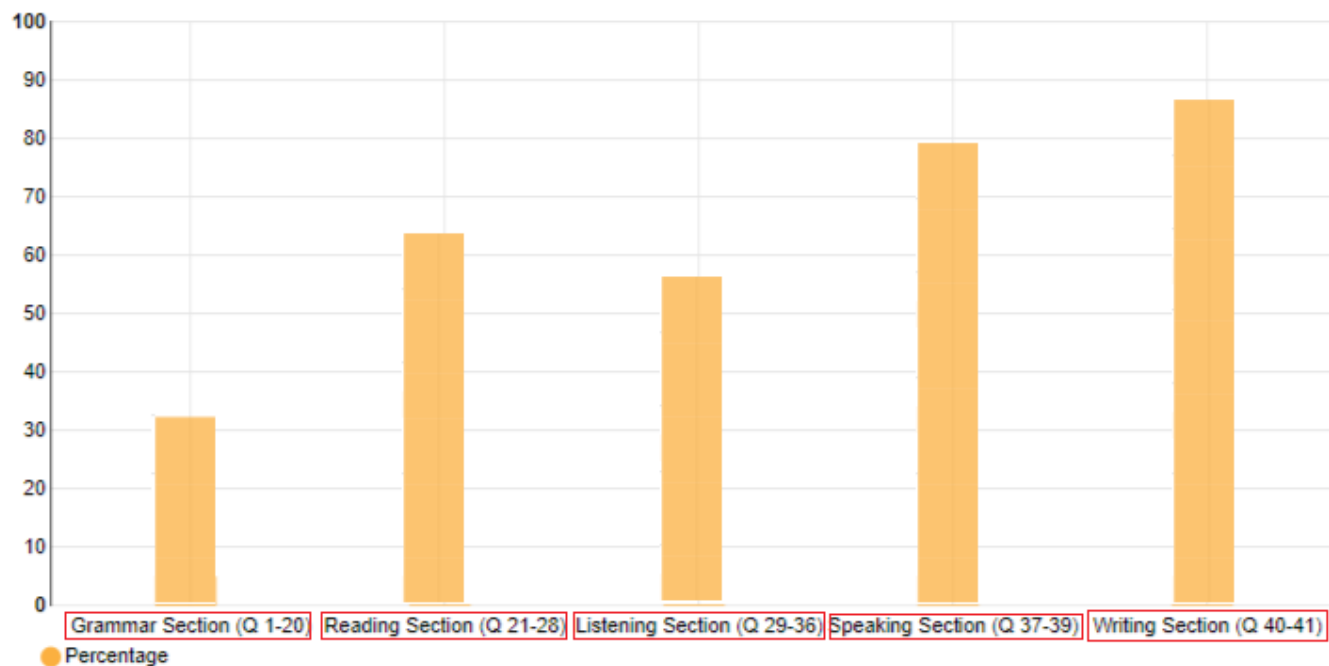
9

10

FINAL WEIGHTAGE ----- 100% weightage

Test Results

This scoresheet shows results for Grammar, Reading and Listening only. Results for Speaking and Writing would be sent in 48 hours





Thank You

By
Pramod Kumar K

