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
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:

<table>
<thead>
<tr>
<th>Module Name</th>
<th>Modular Marks</th>
<th>Marks Obtained</th>
<th>Percentage</th>
<th>Sub Group</th>
<th>Sub Group Weight</th>
<th>Sub Group Weightal</th>
<th>Group</th>
<th>Group Weight</th>
<th>Group Weightal</th>
<th>Final Score</th>
<th>Grade</th>
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<td>DVP-Banking/Proficiency</td>
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</table>
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.
Can create either:

- An online exam – A quiz added to grade book
- Offline exam - Moodle grade item added to grade book
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.
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
Question 29
Andrew's main point of presentation is
Select one:
- a. about digitization 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. digitization examples and initiatives
- d. increasing flexibility and market readiness

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.
# Professional English Test -1

## Summary of attempt

<table>
<thead>
<tr>
<th>Question</th>
<th>Section</th>
<th>Weightage</th>
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<tr>
<td><strong>FINAL WEIGHTAGE</strong></td>
<td><strong>Grammar Section (Q 1-20)</strong></td>
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</tr>
</tbody>
</table>

## Test Results

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

![Bar chart showing test results](image)
Thank You

By
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