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LEADS
Linguistic, Entrepreneurial, And Digital Skills

D3.3 – Question Banks Completed

LEADS – Certification of Linguistic, Entrepreneurial and Digital Skills in the Algerian Higher Education System

Project reference	101126783
Deliverable	D3.3 – Questions Banks Completed

1. Introduction and Purpose

This document presents the question banks developed within the framework of Work Package 3 (WP3) of the LEADS project, in accordance with Deliverable D3.3 – Questions Banks Completed.

The question banks are designed to support the development and implementation of placement and certification tests in the three competency areas addressed by the project:

- Digital Skills;
- English Language;
- Entrepreneurship.

As specified in the project deliverable, five question banks have been developed, including two Arabic-language versions. Each question bank contains at least 500 questions.

These resources constitute a reusable assessment pool that can be used by teachers, trainers and certification administrators to design tests adapted to different competency areas and proficiency levels.

2. Scope and organisation of the question banks

The question banks cover the three competency areas developed within the LEADS project. Their organisation takes into account the different levels of proficiency and the language requirements of the targeted learners.

The overall structure is presented below.

Competency area	Level covered	Languages
Digital Skills	Foundation, Intermediate and Advanced	English and Arabic

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English Language	A1, A2, B1, B2, C1 and C2	English
Entrepreneurship	A1, A2, B1, B2, C1 and C2	English and Arabic

The questions are organised into categories and, where appropriate, subcategories within Moodle. This classification facilitates the identification, selection and management of questions according to the competency area, level and learning outcomes concerned.

It also enables users to build assessment tests that are adapted to specific training pathways or certification requirements.

3. Technical format and Moodle compatibility

All question banks are provided in Moodle XML format, a standard exchange format supported by Moodle for importing and exporting question-bank content.

This format preserves the structure of the questions and their associated information, including the category organisation and the elements supported by Moodle.

The Moodle XML files can be used in two complementary ways:

1. Integration into LEADS training courses

The question banks can be imported directly into the corresponding Moodle courses. Teachers can then use the questions for learning activities, practice exercises, formative assessment and self-assessment.

2. Independent use on Moodle platforms

The question banks can also be imported separately into the question-bank area of any compatible Moodle platform, without requiring the import of the complete training courses.

This second option is particularly useful for institutions wishing to use the questions to create their own placement tests or certification assessments independently of the LEADS training courses.

The Moodle XML format therefore facilitates the transfer, reuse and adaptation of the assessment resources across different Moodle environments.

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4. Choice of Moodle as the common platform

The choice of Moodle as the reference platform for the LEADS training and assessment resources followed the recommendation of the Algerian Ministry of Higher Education and Scientific Research (MESRS).

Moodle is widely used across Algerian higher education institutions. Its adoption therefore provides a familiar and accessible technological environment for the participating institutions and facilitates the dissemination and exploitation of the project outputs.

Furthermore, Moodle is an open-source learning management system offering built-in functionalities for course management, question-bank organisation, online assessment and certification testing.

By adopting Moodle XML as the common format for the question banks, the project ensures that these resources can be reused by institutions already operating Moodle platforms, while limiting technical barriers to their deployment.

5. Access and download of the question banks

The question-bank files are made available to project partners and other authorised users through two complementary access points:

- Shared repository (Google Drive): https://drive.google.com/drive/folders/1cpwKQJ136wGW3jPvW-WIlSc2pn0_1u9o?usp=sharing

The files can be downloaded and subsequently imported into Moodle platforms by users with the appropriate administrative or question-bank management permissions.

The availability of the question banks through these channels is intended to facilitate their distribution, reuse and long-term exploitation by higher education institutions.

6. Use of the question banks for placement and certification tests

One of the main purposes of the question banks is to support the generation of placement and certification tests.

Moodle provides integrated functionalities that allow teachers and examination administrators to select questions from different categories and assemble them into quizzes and tests.

Depending on the assessment requirements, users can:

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- Select questions corresponding to a specific competency area;
- Select questions according to the targeted proficiency level;
- Create tests by combining questions from several categories;
- Use random selection from predefined categories to generate different test versions;
- Reuse and update the question banks as training and certification needs evolve.

This organisation provides flexibility in the design of assessment instruments and supports the implementation of consistent placement and certification procedures across participating institutions.

The question banks are therefore not limited to their initial use within the LEADS courses. They can also serve as a shared assessment resource for institutions wishing to develop or extend their own certification activities.

7. Conclusion

The development of the five question banks represents an important output of the LEADS project. Covering Digital Skills, English Language and Entrepreneurship, and including two Arabic-language versions, these resources provide more than 500 questions per bank.

Their organisation into Moodle categories and their availability in Moodle XML format make them suitable for integration into LEADS training courses as well as for independent use on Moodle platforms.

The choice of Moodle, in line with the recommendation of MESRS and its widespread use across Algerian higher education institutions, provides favourable conditions for the dissemination, reuse and sustainability of these resources.

Through the shared repository and the LEADS project website, the question banks are made available to support the continued development of placement and certification activities within the Algerian higher education system.

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