

Digital platforms as a mechanism for effective teaching in the university environment**-The digital platform Moodle as a model -**

المنصات الرقمية كألية للتدريس الفعال في الوسط الجامعي- المنصة الرقمية موودل أنموذجا-

Salima Abdeslam *

Amar Boussakra

Professor, M'sila university

Professor, M'sila university

salima.abdeslam@univ-msila.dz

amar.boussakra@univ-msila.dz

Receipt date:17/12/2023

Acceptance date: 04/05/2024

Published date: 30/05/2024

Abstract: This study aims to analyze the role of digital platforms as a modern means to improve education in universities. The descriptive-analytical approach was used to achieve the study's objectives, and the results showed that the efforts of the Ministry of Higher Education and Scientific Research to promote the use of digital technology in universities remain limited and not in line with international standards.

Where the Moodle platform provides a unique and innovative educational experience for students and teachers. The platform uses the latest digital technologies to provide an interactive and comprehensive learning environment. Thanks to its easy-to-use design, teachers can create lessons and educational materials quickly and effectively, while students can also access these materials and participate in educational activities with ease.

Using the Moodle platform, it is possible to enhance the process of distance learning in an innovative and inspiring manner. Modern digital technologies contribute to enhancing student interaction and improving their educational experience effectively.

- Keywords: Digital platforms, education, digitization, Moodle platform, university.

- الملخص: تهدف هذه الدراسة إلى تحليل دور المنصات الرقمية كوسيلة حديثة لتحسين التعليم في الجامعات، تم استخدام المنهج الوصفي التحليلي لتحقيق أهداف الدراسة، حيث أظهرت النتائج أن جهود وزارة التعليم العالي والبحث العلمي في تعزيز استخدام التكنولوجيا الرقمية في الجامعات تبقى محدودة وغير متوافقة مع المعايير الدولية. حيث توفر منصة Moodle تجربة تعليمية فريدة ومبتكرة للطلبة والأساتذة. إذ تستخدم المنصة أحدث التقنيات الرقمية لتوفير بيئة تعليمية تفاعلية وشاملة. فبفضل تصميمها السهل الاستخدام، يمكن للأساتذة إنشاء دروس ومواد تعليمية بشكل سريع وفعال، بينما يمكن للطلبة أيضا الوصول إلى هذه المواد والمشاركة في الأنشطة التعليمية بكل سهولة.

وباستخدام منصة Moodle، يمكن تعزيز عملية التعلم عن بعد بشكل مبتكر وملهم. إذ تساهم التقنيات

الرقمية الحديثة في تعزيز تفاعل الطلبة وتحسين تجربتهم التعليمية بشكل فعال.

- الكلمات المفتاحية: المنصات الرقمية، التعليم، الرقمنة، منصة Moodle، الجامعة.

*Corresponding author

1- Introduction:

Digital platforms are considered an important tool in our modern era, as the majority of activities and operations now heavily rely on technology. Through these activities, it was necessary to develop digital platforms as a mechanism for effective teaching in the academic environment, due to the wide interest in them for the facilitation they provide in various fields, especially in remote teaching. Moodle is one of these platforms widely used in academic work.

Digital learning platforms are used as a means to facilitate the learning process and enhance effectiveness and interactivity in the educational process. They allow students to access educational materials easily and at any time that suits them. In addition, these platforms provide interactive features that enable students to communicate with professors and peers, discuss various topics, and exchange knowledge.

Moodle is one of the most popular digital platforms used in the university community. This platform has a user-friendly interface and flexibility in content management. They allow the teacher or professor to raise the educational content, organize it and divide it into units or classes. In addition, the platform provides various evaluation tools, such as short tests, practical tasks and participation in discussions, which help the teacher in evaluating students' performance and tracking their progress. The use of digital platforms in university education is therefore an innovative and effective curriculum. It helps improve students' learning experience and provides an interactive and flexible learning environment. In addition, teachers (professors) have the opportunity to follow students' progress and accurately assess them. The Moodle Platform is therefore one of the good examples of a digital learning platform that combines flexibility and interaction and promotes effective education and innovation in the university community.

2. The importance of the study:

The use of digital technology in the field of education is one of the most important requirements of the present era. The latter is witnessing significant developments in all areas and aspects. It has become necessary to rely on digital technology the educational process "The latter contributes to the development of education through various sophisticated means and programmes alike in line with the most important requirements of higher education institutions and the process of education. The importance of this study is therefore to try to learn how and how digital technology contributes to the development and development of a university professor's performance in the educational process.

3. Objectives of the study:

- The present study aims to achieve a set of objectives; Which can be referred to as:
 - Find out what digital platforms are at the University of Algeria.
 - Recognize the various difficulties encountered in reflecting the use of digital platforms at the University of Algeria.
 - To learn about the most important mechanisms and methods used to activate the use of digital platforms at the University of Algeria.
 - Highlighting the importance of digital platforms in distance university education.

4. Study curriculum:

This study was based on the analytical descriptive curriculum. This was done by presenting and interpreting the assessments used to activate digital platforms in institutions of higher education and discussing them in the light of the indicators developed by the Ministry of Higher Education and Scientific Research of the University of Algeria as a reference guide for identifying knowledge gaps in the effective use of digitization platforms and advanced technology in higher and distance education.

5. Study concepts:

5.1. Digital platforms:

The digital platform is a system that allows users to communicate and interact with each other online. The digital platform also allows individuals and companies to quickly and effectively disseminate and share information and data. The digital platform relies on cloud computing and internet technology to provide multiple services and applications. These services include social networks, e-commerce, distance education, self-employment and digital entertainment. (abdelSattar, 2006, p. 312)

Digital platforms contribute to expanding access to information, streamlining processes and improving the user's experience. (Hamdi, 2008, p. 30) It is also an important tool for building social relations and promoting communication between individuals and institutions at a global level. The digital platform is therefore a modern and effective link between individuals and companies and contributes to the rapid and easy transfer of information and services across the digital world. (ben Talib, 2021, p. 195).

5.2. University Education:

University education is a vital task to realize society's aspirations to qualify young people and refine their skills and knowledge. It includes various educational activities aimed at guiding and supporting students in their academic and professional journey. (abish, Boukhalfa, 2022, p. 89)

University education requires qualified professors and specialists in their specialization, teaching academic courses and guiding students in research and projects. In addition, they assess students' performance and provide them with academic and cognitive support. (al-shahrani, 2009, pp. 46-47)

The ultimate goal of university education is to develop and develop students to become professionals and qualified for the labour market, as well as to achieve leadership and innovation in their fields. University teaching thus plays an active role in building a strong cognitive and economic society. (Makki, 2012, p. 9)

5.3. Moodle Platform:

Moodle is an online learning management system used by many universities educational institutions and companies to run online training and learning courses. The Moodle platform was developed by an open-source community, meaning it is available for free and open-source use for everyone. The Moodle platform offers teachers and students the possibility of raising educational materials, administering tests, discussions and communicating through discussion forums and internal messages. (ben Issa, Others, 2021, p. 333).

Thanks to its flexibility and ease of use, Moodle has become a popular platform and a favorite of many schools, universities and companies. The Moodle platform is also capable of supporting multiple languages and providing customized user interfaces that are customizable to an institution's educational or training needs. Furthermore, the Moodle platform provides detailed reports and statistics on students' and learners' performance and allows professors to effectively track the progress of training courses.

The Moodle Platform is therefore one of the distinctive tools in effectively organizing and implementing online educational programmes. It also contributes to improving the distance learning experience and providing an interactive and inclusive learning environment (Rki, 2022, pp. 102-102).

6. Digital platforms and their different patterns in university education:

Digital platforms currently vary greatly, and include various shapes and patterns. Among these forms, there are social platforms such as Facebook, Twitter and Instagram, which provide users with the opportunity to communicate and interact with each other in different ways. Besides social platforms, there are also e-commerce platforms such as Amazon and iBay, which enable users to buy and sell online with ease and ease.

Some digital platforms specialize in providing information and meaningful content, such as YouTube, where people can watch educational and entertainment videos and interact with the content provided. There is no doubt that we have many

other platforms that offer a variety of services and content as music platforms, news platforms, educational platforms and others.

These platforms are also characterized by ensuring that users connect with each other and provide services and content that meet their different needs and interests. With these platforms, communication and interaction have become easier and faster, providing individuals with the opportunity to express their opinions, perspective and share them with others.

Thus, digital platforms and their different patterns have a great impact on our daily lives and the way we interact with each other. We now have easy and easy access to information and content, and simply communicate with people around the world. It is a very important digital development that offers us many new benefits and opportunities that can be exploited in our personal and professional lives.

6.1. The role of digital platforms in improving the learning and teaching process:

Digital platforms play an important role in improving the learning and teaching process. Thanks to the development of technology and the spread of the Internet, students and teachers have access to diverse and comprehensive educational content via digital platforms.

Digital platforms provide many benefits for students. Through these platforms, students have access to various teaching materials that contribute to enhancing their concepts and developing their skills. They can also follow lessons, solve exercises and check remotely; This allows them to be flexible and communicate with professors and colleagues anytime and from anywhere.

For teachers, digital platforms provide them with interactive educational tools that facilitate the teaching process and improve the quality of communication with students. Professors can prepare lessons and design comprehensive educational content suited to students' different needs. They can track students' progress and evaluate their performance quickly and effectively; This contributes to more detailed and effective achievement of education's goals.

In addition, these digital platforms help to expand education and enhance access to education in remote or difficult areas. Students can access learning opportunities and benefit from digital education resources beyond time and space constraints. (abish, Boukhalfa, 2022, pp. 90-92).

Thus, digital platforms can be said to be a powerful tool in improving learning and teaching, providing comprehensive educational content and sophisticated learning tools. Therefore, teachers and students should use these platforms innovatively and effectively to achieve the educational goals and improve the quality of the educational process.

6.2. Digital platforms used in university education:

Digital platforms are one of the most important tools in modern university education, providing a virtual environment to enhance learning and facilitate access to educational materials. Some of the most popular digital platforms in university education are:

6.2.1. Moodle Platform:

The popular virtual education platform that allows the organization of educational content and communication between students and professors through discussion forums and instant messaging.

6.2.2. blackboard platform:

The popular Digital Student Platform offers a virtual environment to deliver tasks, tests and transitions between educational content.

6.2.3. ADX EDX Platform:

A digital platform used to create and organize curricula and provide diverse educational resources for students.

These digital platforms promote interaction, achieve communication between students and professors, improve the accuracy of evaluation and provide flexibility in the learning process. As a suggestion to develop your article, you can add details about the benefits of these platforms and their different uses in university education.

7. Moodle Platform as an accredited model for effective university education:

Moodle Platform is a certified model for effective university education. This platform is a powerful and reliable tool for organizing and implementing university lessons in an innovative and advanced manner. Moodle provides a virtual environment that allows teachers to provide teaching materials, assignments, tests and online discussions.

This platform is based on the learning management system, which means that it offers integrated infrastructure to facilitate teaching processes and enhance communication between students and professors. Professors can track and evaluate students' progress and provide guidance and feedback through the platform. In addition, Moodle offers the possibility to allocate lessons according to the needs of each group of students.

The Moodle Platform also allows for the activation of collaborative and interactive learning among students, and students can interact with each other and professors through the platform's forums. These forums can be used to discuss topics, ask questions and exchange ideas and opinions. This promotes interaction and knowledge sharing among individuals and promotes active learning.

Thanks to the flexibility of the platform, a modal platform can be accessed from various devices such as mobile phones, tablets and personal computers. This means that students have access to educational materials and participate in study activities at any time and from any place that suits them. This increases students' comfort and makes it easier for them to better organize their time.

Moodle's platform is therefore a powerful and effective tool for promoting university learning. It provides a virtual environment that combines easy access, interaction and customization. This platform is an opportunity for teachers to organize and manage lessons and improve their education, while providing an effective and enjoyable learning experience for students.

7.1. Digital Platform Moodle and its main characteristics:

Thanks to the features of the educational platform, a pioneering and more effective learning experience for medicine and professors in university educational institutions can be achieved.

7.1.1. Interaction:

The platforms allow interaction between students and professors and encourage communication and exchange of ideas and discussions. (Mohadid, 2023, p. 739)

7.1.2. Cost savings:

Using educational platforms can save on costs associated with university education, such as travel and accommodation costs.

7.1.3. Continuous and continuous learning:

Educational platforms provide students with 24/7 access to teaching materials and additional sources; This gives them an opportunity to learn continuously according to their appropriate time.

7.1.4. Enhancing technical skills:

Students learn about the use of digital technology and tools available in educational platforms, thus developing technical skills that enhance their communication and integration into the digital community.

7.1.5. Provide evaluation and observations:

Educational platforms allow professors to provide a comprehensive assessment of students through tests, assignments and other activities offered via the platform.

7.1.6. Ease: Easy to download, install and use educational platforms are important characteristics that encourage the teacher and learner to use. (ben Issa, 2021, p. 336)

7.2. Pros of using the Moodle platform to improve the experience of university education:

The Moodle Platform is a program that helps develop the educational environment in the field of e-learning and includes many jobs to carry out the tasks required in this direction. These tools include: (abish, Boukhalfa, 2022, p. 91)

❖ Instrument used to build electronic curriculum (compilation - tabulation - presentation) appropriately.

❖ Identification of beneficiaries (target group); What is built according to the powers specified by the system manager.

❖ A liaison contract between the site displaying educational materials and beneficiaries (students or professors).

❖ Provide users of the educational site with many periodic information when they enter.

7.3. The uses of the Moodle platform are common in universities:

The Moodle Platform is a common learning management system used in universities and educational institutions, providing a virtual environment that allows for the organization and management of academic content and students' interaction with it. Among the common uses of the Moodle platform in university institutions are:

7.3.1. Dissemination of educational resources:

Teachers can use the Moodle platform to disseminate educational resources such as lectures, texts and educational documents. so that students have access to these resources at any time and from any place; This makes it easier for them to review materials and prepare for lessons. (ben Issa, 2021, p. 335).

Through a field study at the Faculty of Humanities and Social Sciences at the University of M'sila, it was noted that the percentage of professors who published educational resources was 97%, while we find that 03% whose educational resources were not published were professors who teach foreign educational resources such as the English language, and they are mostly Temporary professors .This is due to the difficulty of their access to the platform for reasons related to their professional status, on the one hand, and on the other hand, the lack of clarity of the educational material in these standards, which makes what is stated in the educational content the diligence of the professor, in addition to there are some professors who teach technical standards such as the descriptive and inferential statistics standard. There is a group of professors

who do not control technology, which makes it difficult for them to publish their lessons on the platform, due to their lack of benefit from training courses in the field.

7.3.2. Delivery of tasks and tests:

Professors can create assignments and tests in the Moodle platform and hand them over to students. Students can also offer work and tests via the platform; This allows professors to evaluate it more effectively and provide immediate responses to students.

Of course, the Moodle platform at the University of M'sila can be used to submit assignments and take tests. Here are some steps for submitting assignments and tests at Moodle:

•Handing over tasks:

- Log in to the Moodle platform.
- Go to the course where you want to submit the assignment.
- Find the unit or lesson that contains the task.
- Click on the link associated with the task.
- Follow the instructions to upload the file or type the desired text.
- Click on the "Delivery" button to submit the task.

•Testing:

- Log in to the Moodle platform.
- Go to the course where you want to take the test.
- Find the unit or lesson that contains the test.
- Click on the link associated with the test.
- Follow the instructions to take the test and answer the questions.

•Student evaluation:

- After submitting assignments or taking tests, teachers can evaluate students' performance.
- Comments and guidance can be provided to students.

Through field studies on some professors, it was noted that most students do not access the platform except in one case, which is downloading the content of the educational material (lecture).

7.3.3. Communication and discussion:

The Moodle platform allows students and professors to communicate and discuss through discussion forums and instant messages. This feature can also be used to ask questions, discuss study subjects, exchange feedback and comments between students and students and professors.

Communication and discussion on the Moodle platform is an important topic related to education via digital platforms. The Moodle platform is an open-source platform widely used in university educational institutions to manage courses and communicate between students and professors. Developed by a global community of developers and users, Moodle provides a variety of tools and features to improve your distance learning experience.

The Moodle platform provides a space for communication and discussion between the student and the professor, as forums, instant messages, and conversations can be used for interaction. Students can also ask questions and discuss various topics, as well as share relevant resources and information.

In addition, the Moodle platform can be used to submit assignments, tests, and provide feedback on performance. Professors can also use the platform to track student progress and provide guidance and support.

We have observed, through field study and analysis of data related to the use of forums, instant messages, and conversations for interaction, that they are not activated by 95 percent because students use Moodle to the limited extent of downloading lessons before the exam period without referring to using and activating the platform windows, which negatively affected the results of distance education from On the one hand, and increasing the effectiveness of digital platforms in distance education on the other hand.

7.3.4. Tracking and Performance Assessment: (ben Issa, 2021, p. 336)

Professors can track students' progress and evaluate them using the Moodle platform. They can also monitor the handover of tasks, track students' attendance and provide detailed reports on their performance.

On the Moodle platform, students' performance can be effectively tracked and evaluated by activating the following points:

•Progress and performance tracking:

- Professors can use Moodle to monitor students' progress in courses. They can also track which units have been studied and which tasks have been submitted.
- They can have an overview of students' performance through progress reports.

•Performance appraisal:

- Professors can create and submit assignments and tests at Moodle.
- They can provide feedback on students' performance and provide guidance to improve their performance.
- They can have an overview of students' grades and provide analytical reports.

•Discussion and communication:

- Forums, instant messaging, and conversations in Moodle can be used to communicate between students and professors.
- Students can ask questions, discuss different topics, and share educational resources.

By using these features, professors can improve the learning experience and enhance interaction between students and professors on the Moodle platform; However, the aspirations of professors and students prevented this, as the professor is content with publishing educational resources according to the course and the student is content with referring to them and downloading them before the exam.

8. Analysis of the effectiveness of using Moodle in effective teaching:

The Moodle platform is one of the modern technological tools that has proven to be effective in developing effective teaching. Moodle provides a virtual learning

environment that enables professors to create interactive and diverse educational content, enables students to access it, carry out tasks and test knowledge.

The Moodle platform enhances the interaction between professor and student by providing an easy-to-use interface that enables professor to download files and share educational resources with ease. It also provides students with the opportunity to communicate with the professor and their colleagues through the functions of forums and group conversations. (Mohadid, 2023, pp. 739-741).

Using Moodle, the professor can also create various evaluations and tests to measure students' uptake of teaching materials. Students can also take these tests and obtain their results immediately, making it easier for the professor to identify the concepts in which the student needs further support.

The Moodle platform is therefore a powerful tool used by the professor to develop effective teaching, where students' learning experience can be improved and provide diverse and interactive content that corresponds to their needs. Additionally, the Moodle platform promotes communication between professor and students and facilitates performance appraisal and tracking progress directly and effectively.

8.1. Design lessons and educational content on Moodle:

Moodle is an open-source educational platform that offers many tools and resources to professionally design lessons and educational content. Moodle allows you to create a virtual learning environment for your students in an easy and simple way. You can upload files, add videos, photos and audio, and write articles and tutorials.

Using Moodle, you can organize educational content in different educational modules. You can provide information gradually, equip additional materials, and set tasks and tests to evaluate students' performance. You can also create discussion forums to enable students to communicate and interact with each other and with you as a professor.

Additionally, you can customize the shape of the Moodle platform according to your own needs. You can change the design of the site, add your logo and select the

colors and lines used. You can also create special pages to explain the educational content in more detail.

In sum, the Moodle platform is one of the best educational tools currently available. It provides you with many options to design and organize lessons and educational content professionally. Thanks to their ease of use and flexibility, Moodle can be a good choice for developing a distinct learning environment.

8.2. Using communication and interaction tools on the platform:

The Moodle platform can be used in universities to enhance communication and interaction between students and professors. In this context, we present how these tools are used:

8.2.1. Forums:

Forums can be created for discussion and interaction on different subjects taught in classrooms. Teachers can also ask questions and motivate students to participate in activities and exchange views and ideas. (husseiniyah, 2018, p. 71).

8.2.2. Live Chat:

Moodle provides instant chat that can be used for quick communication between students and professors. They can also be used to answer immediate questions and provide technical assistance or for small discussions between participants (users).

8.2.3. Emails:

Model can be used to send emails to students and professors for individual communication. They can also be used to discuss special issues or inform students of important updates.

8.2.4. Appointments and calendar:

Professors can add important events and dates to the calendar in the Moodle platform. Students can also check these appointments and organize their time accordingly. This feature can also be used to remind students of upcoming tasks and tests.

8.2.5. Blog Posts:

Professors can create blogs on the Moodle platform and invite students to participate in them. Students can also write comments and opinions about the articles offered by teachers, thus enhancing their interaction.

Using these tools will help create an interactive learning environment and enhance communication and exchange of ideas between students and professors at the platform.

9. Implementation of Moodle as a teaching mechanism at the University:

When it comes to the implementation of the Moodle platform as a teaching mechanism at the university, there are many aspects to be considered.

- ❖ Strong application infrastructure must be provided, including servers, networks and storage. The system must also be high-functioning and stable to ensure a smooth learning experience for students. It might be better to hire IT experts to implement this infrastructure. (ben Talib, 2021, p. 198)

- ❖ Faculty and technical support team should be trained to use the Moodle system effectively.

- ❖ They must have an adequate understanding of the system's functions and its ability to meet their specific educational needs. There may also be a need for workshops or training courses to teach the members on how to design and implement effective educational courses using the system.

- ❖ There should be good planning of the structure of the educational courses on the system. The structure of the course should be structured, logical and simple for students.

- ❖ Educational content should be presented attractively and in an easy way to understand according to specific learning goals. You can add additional details in this section that you may have experience in implementing educational systems or have applied a modal system at your former university.

❖ Ongoing technical support must be provided to students and faculty members. There should be a dedicated team available to solve any technical problem or make repairs if needed.

❖ There should also be means to communicate with students and receive their feedback and inquiries about their experience with the system.

The compendium of the implementation of the Moodle platform as a teaching mechanism at the University requires good planning, strong infrastructure, effective training of participating members and ongoing technical support. The system can be effective and useful in improving the University's learning and teaching experience.

Evaluation of the results of Moodle's application and its impact on the quality of education at the university:

The Moodle Platform is an important tool in the field of e-learning at the University, a virtual learning management system that allows teachers and students to interact with each other online. This technology provides opportunities for diverse learning and establishes knowledge through multimedia and group discussions.

Moodle can be seen as an effective tool to improve the quality of education at university. The system allows professors great flexibility in designing the right learning environment and organizing teaching materials structurally and structurally. It also gives students access to educational content at any time and anywhere, giving them an opportunity for self-learning and effective assimilation of materials.

In addition, the Moodle platform provides various assessment tools that can be used to measure students' progress and assess their understanding of educational materials. The system also enables students to provide immediate feedback, enabling them to improve their performance and know where they need to improve.

However, attention must also be paid to some potential challenges in using the Moodle platform. Teachers and students may have difficulty adapting to new technology and understanding how to use the system effectively. Professors may also

need appropriate training on how to organize content and carry out educational activities across the platform.

Generally speaking, the application of the Moodle platform has a positive impact on the quality of education at the university. It gives professors and students an opportunity to interact and share knowledge online. It also provides various evaluation tools and opportunities for self-learning. However, care must be taken to train professors and students to use the system effectively so that they can take full advantage of all its features.

10. Conclusion:

Digital platforms are an effective means of achieving effective teaching in the university environment. Among these platforms, Moodle's platform stands out as a model of effectiveness and quality in providing digital education. The Moodle platform offers many advantages that enhance the educational process and ways to communicate between students and professors.

- ❖ Moodle provides great flexibility in accessing educational materials and academic activities. Students can easily access educational content and sources at any time that suits them, increasing their ability to organize their time and enhancing the effectiveness of the study.

- ❖ The Moodle platform provides effective interaction between students, professors and students themselves. Teachers can discuss and provide feedback and guidance directly, and students can communicate and collaborate with their colleagues through discussion forums and teamwork on study projects.

- ❖ The Moodle platform also provides personal monitoring and monitoring of students' progress and evaluation.

- ❖ Students can follow their progress in courses and learn their academic results and evaluations.

- ❖ This type of follow-up gives students and professors an opportunity to intervene early and achieve improvements in academic performance.

Through the above, we can consider the Moodle platform an excellent model for effective teaching and teaching in the university community. Students have easy and flexible access to digital educational resources and participation in academic activities. It also promotes communication and cooperation between students and professors and enables them to follow their progress and achieve improvements in their performance. We therefore recommend promoting the use of the Moodle platform in university settings as a key means of enhancing the digital learning experience and enhancing the quality of university education according to future research prospects and developing digital platforms to improve education in university institutions.

Through the above, here are some suggestions and recommendations in order to improve the use of the Moodle platform in your educational experience:

•**Organization of courses and educational materials:**

- Divide the content into units or sections for easy access.
- Use sections to group related materials together.

•**Providing diverse content:**

- Upload various files such as photos, videos, and documents.
- Use links to point to external sources.

•**Use of tests and assessments:**

- Create tests and assessments to measure student progress.
- Use progress reports to monitor student performance.

•**Interaction and engagement:**

- Use forums and conversations to communicate with students and professors.
- Encourage students to participate in discussions and activities.

•**Interface customization:**

- Customize the user interface to suit your personal needs.
- Use notifications to alert important events.

•**Communication with students:**

- Use internal messages and e-mail to communicate with students.

- Be available to answer their inquiries.

•**Technical support:**

- Provide technical support to students if they encounter technical problems.
- Providing educational resources about using the platform.

List of references:

- Qandilji Amer Ibrahim, Ghassan Issa Al-Omari, Abdel Sattar Al-Ali, (2022): Introduction to Knowledge Management, 4th edition, Dar Al-Masirah for Printing and Distribution, Jordan .Translated reference
- Hamdi Abdel Aziz Ahmed, (2008): E-learning, philosophy, principles, tools, and applications, Dar Al-Fikr, Jordan .Translated reference
- Samir Abish, Rafiq Boukhalfa, (2021): The role of e-learning as one of the aspects of distance education in achieving quality university education, Journal of Studies in Development and Society, Volume 6, Issue 3, Pages: 85-95. Translated reference
- Ben Taleb Samia, (2021): The reality and importance of e-learning at the Algerian university (during the Corona period), Economic Dimensions Magazine, Volume 11, Issue 1, Pages: 189-207. Translated reference
- Al-Ibrahimi Makki Farhan, (2012): University teaching methods in light of total quality management, International Conference on Integration of Educational Outcomes, Amman, pages: 25-28. Translated reference
- Ben Aichi Ammar, Ben Aichi Bachir, Takarart Yazid, (2021): The reality of using the Moodle e-learning platform in light of the (covid19) pandemic and its impact on the attitudes of Algerian university students from the point of view of students of the Faculty of Economic Sciences at the University of Biskra -, Al-Baheth Science Magazine Mathematical and Social Studies, Volume 4, Issue 1, Pages: 333-343. Translated reference
- Raki Al-Arabi, (2022): The Moodle platform between the user and the programmer - a vision for filling the gaps -, Al-Ahmadi Journal of Linguistic, Critical and Translation Studies, Volume 2, Issue 1, Pages: 99-113. Translated reference
- Al-Shahrani Nasser Abdullah Nasser, (2009): Demands for using e-learning in teaching natural sciences in higher education from the point of view of specialists,

doctoral dissertation in curricula and teaching methods, Umm Al-Qura University, Saudi Arabia. Translated reference

▪ Mohadid Laila, (2023): Digitization as a mechanism for achieving quality in the higher education process, *Journal of World Politics*, Volume 7, Issue 2, Pages: 735-746.

Translated reference

▪ Hosseinia Ahmid, (2018): The degree of satisfaction of new teachers with the composition scheme: designing, building and using a lesson on the MOODL platform, *Journal of Social Sciences*, Volume 15, Issue 26, Pages: 64-81. Translated reference