



# INVESTING SOCIAL MEDIA TO OFFER AND ECLECTIC OF INFORMATION: MOODLE CLOUD

**Ahmed Dheyaa Basha\***

CS& University of Sumer, IRAQ  
[ahmed2009shh@yahoo.com](mailto:ahmed2009shh@yahoo.com)

**Ali Atshan Abdulreda**

CS& University of Sumer, IRAQ  
[Aliatshan\\_1969@yahoo.com](mailto:Aliatshan_1969@yahoo.com)

**Hiyam Hatem**

CS& University of Sumer, IRAQ  
[hiamhatim2005@gmail.com](mailto:hiamhatim2005@gmail.com)

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**Abstract**— Different technologies investing social media to offer and eclectic information and mimics Moodle cloud via researches community by the researchers. This article touched Moodle cloud to identifies the concept of Moodle cloud and its advantages and how offered in the field of social media (Facebook) and eclectic of the information. The paper builds digital link via Moodle cloud and makes social media to serve researchers to meet their different needs in researches study. Framework proposed and the article uses Facebook as a media to inform researchers of the digital resources available at the Moodle cloud of the Iraqi Universities that can offers their needs to meet and conclusions the most important points:-

- It is offer an eclectic of information to provides time for researchers of the university site to retrieve the academic works quickly and easily;
- The use of Moodle cloud In university establishes a digital sources saves from damage because the digital data are kept in multi places to save from damage or loss;
- The use of Moodle cloud applications in university site leads to digital storage and high speed processing.

The study detected a number of recommendations are the following:-

- Importance of Moodle cloud in terms of developing human resources to deal with this new technique.
- The Moodle cloud will change services offered by the university site.

University site need to be encouraged to computerized information, and to make the resources digital. That means to convert from traditional way to digital one.

**Keywords**— Moodle cloud; Social media; Facebook; University sites; Digital information;

## I. INTRODUCTION

With the continuous development in modern technologies specially in higher education and applications available to researchers on the Internet and with the emergence Moodle cloud services which lead to interaction with researchers, many information institutions and Universities sites have moved to access applications for use Moodle cloud with available of Internet [4].

This will make most of applications and information available that will save costs to the largest sector of the researchers they also provide information institutions and their university sites in terms of sharing data anywhere and at any time without use a personal computer.

All these activate are accomplished via Internet and cloud styles like Moodle cloud [2], [8]. This will save and ensure the security of the data from abuses and damage. Thus, this paper uploads digital sources for the university site across these servers and the so-called Moodle cloud. The main aim is to maintain them and to offer and eclectic of information which use or send digital resources and information based on tendencies of researchers through social media. In addition, the study consisted of three sections. The first section explains the general framework in this article. The second section the theoretical side to identify the Moodle cloud, its services or applications in the field of university site, and it apply the concept of social media and offer eclectic information. While, the third section is practical side via available of information through social media to researchers to uploading the digital resources of Moodle cloud.

## II. THE FIRST SECTION GENERAL FRAMEWORK

### A. The problem of the study

The problem of the study appeared in answer to following:

- What are the advantages offered by Moodle cloud and its applications in university sites and Information institutions?
- What are the information that can be offered to the researcher's community through social media and interaction with the researchers?
- What are the applications that are helping to build save digital sources?

### B. The benefits of the study

The benefits of the study launched from the different applications of modern techniques and Internet, which leads to interaction with the researchers to the inquiries of researchers and meet their needs via digital resources and information according to the tendencies of researchers through social media and eclectic information and benefit from the advantages of Moodle cloud. Technology's Justification is:

- Those features are unique to Moodle cloud technology In terms of saving costs with access information efficiently and quickly.
- Advantages of Moodle cloud are to be used synchronous and asynchronous wherever the researcher wants, at home, university, work, or in the car, and in any place where there is Internet.
- Digital sources are easy access and keeping from different loss of.

### C. Objectives of the study

- Recognize the benefits of Moodle cloud and in the field of university sites.
- Availability of digital resources for researcher's community through the Internet, according to their needs.
- Apply the eclectic of information for researcher's community to interaction between university sites.
- Keep on communication with researchers through social media such ( Face book) especially with university sites.

### D. Research methodology

In this study researcher used practical approach to apply Moodle cloud technology, its applications and how to utilize them in the field as a university sites to offer and eclectic of information via social media.

### E. The study proceedings

- The resources or courses are converting to digital form instead of traditional ways.
- Offer and eclectic of information via Moodle cloud and interactive researchers during the course by framework Fig. 1.
- 3. Digital resources using Moodle cloud.
- 4. The use of Facebook as a social media to inform researchers and mimic Moodle cloud.

### F Search limits

- The spatial border: Thi-Qar- University of Sumer/ Faculty of Computer Science & technology information.The temporal borders: 2018 -2019.The objective limits: Moodle Cloud - social media - offer and eclectic of information.

### G. Previous studies

- Number of researchers stated the development different techniques via Moodle cloud serves urgent needs especially in higher education sector with availability of Internet and increasing in speed of Internet [14], [11].

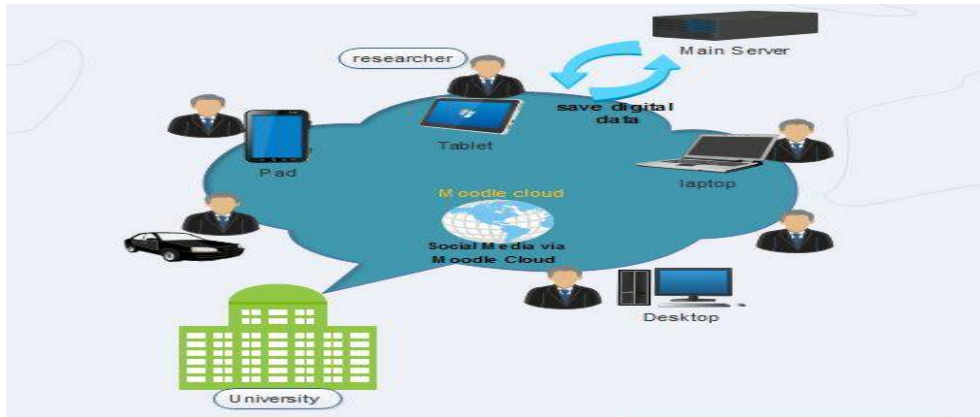


Fig. 1 the framework proposed explains interactive researchers in social media via Moodle cloud.

In addition many institutions like Universities moved to access applications that are known as Moodle cloud, to saving time, efforts, costs and connect with Moodle cloud site synchronous and nonsynchronous through Miscellaneous devices stable or portable, but limited universities were seriously in their attempted to investing and share with social media site to using new techniques like video live API in Facebook as video conference with Moodle cloud [3], [5].

### III. THE SECOND SECTION (THEORETICAL SIDE)

#### A. Moodle Cloud

Moodle Cloud can be defined as: free and open-source, it servant and provide public and private website for multi-purpose official or social via internet such as social media sites and academic sites [18], [22]. Based on the advanced data a center which offers large space for users [1], [13].

#### B. Benefits of Moodle cloud

Moodle Cloud works that the researchers gets a service that allows them to use and store all of their data outside the area of his personal device whether portable or stable devices, Moodle cloud servers different needs synchronous or asynchronous if internet connection available [10],[ 9]. Some of them are:

- Access and upload data for multi applications from anywhere where internet service is available.
- It will enrich the researcher (individual / company) university sites and information centers to purchase many software licenses.
- All Institutions, companies, universities, websites, and information centers can easy manage Moodle cloud anywhere anytime and do not need to allocate a place for devices.
- Available technical support within the facility, university websites and information centers.
- You can base on Moodle cloud in complex research which saves time and effort.
- Gate to social media and share files to reduce and available storage space.
- Sizing or easy link for different sites such social media and university sites via using Scalability.

#### C. Compare Moodle Cloud with traditional computing

Moodle cloud allows you to access all of special applications and services from anywhere, anytime via the internet, because the information stored on the main server (the company service provider). Reduced costs for university, companies, because it free and open-source, and avoid buy expensive application, such as expensive services to offer e-mail service for its researchers, or large storage units to backups of data and information for the university sites or information centers with ensure and availability the service permanently [8],[6]. When you use Moodle cloud service, the information is stored on more than one server to ensure no loss [12], [20]. In addition it fixes any glitches as fast as possible. Moreover, save a lot of time and cost as a researcher or owner of the company and the university sites in information centers. Another important benefit in Moodle cloud it consider as a tailor drive complex calculations of thousands of servers like social media associated with each other to perform same task in record time [21],[16].

#### D. Services of Moodle Cloud in the Sites

Moodle cloud allows for the researchers and university sites to save data across servers via Internet outside the scope of the mobile device or personal device such as laptop or any computer [18], [4]. In addition, they can retrieve data from anywhere and at any time, as long as the internet connection [17], [5]. This concept can be applied to following service:

- Access multi electronic sites without the need to design it.
- Connect with social media as a service in the field of sites.

- Save information service and automatic retrieval in formation service especially in university sites like course system.
- Investment social media to community and exchange of information among researchers.

### E. The concepts of social media

Social media defined as: It Techniques exist on the Internet used by different level of people, to communicate, and interact with each other, recently "social media" has developed to create great fanfare, included all electronic communication tools some people use social media is a spacious. It consider cultural phenomena that involve communicating techniques, as well as researchers become use and investment social media to describe and collect their questionnaires in education scope or content submit by users via using electronic publishing tools [2],[19]. Therefore, most forms of social media, electronic allow communicating and interacting with each other through using stable or portable devices via Internet.

In addition, social media such as Facebook and Twitter as largest community [3], [7]. Thus concept of social media sites supported and available in Moodle cloud can participate and contribute to the creation or add pages easily Fig.2.



Fig. 2 Shows communicate and interactive social media and Moodle Cloud via portable devices.

### F. Components Social media

Social media generally consist of multiple applications or sites are:

- Electronic sites (Social media): that allows people to communicate with their friends and acquaintances, such as website (Facebook) [11].
- Blogs: are websites that represent personal journals from individuals or groups are reported. Moreover Blogs are open and offer to all eclectic tremendous information [15], [12].
- Online forums: It sites provides spaces electronic to explain their opinion and writing their topics [4], [15]. Moreover, it is one of the most public social media, and easy to sign up and participate Fig.3.

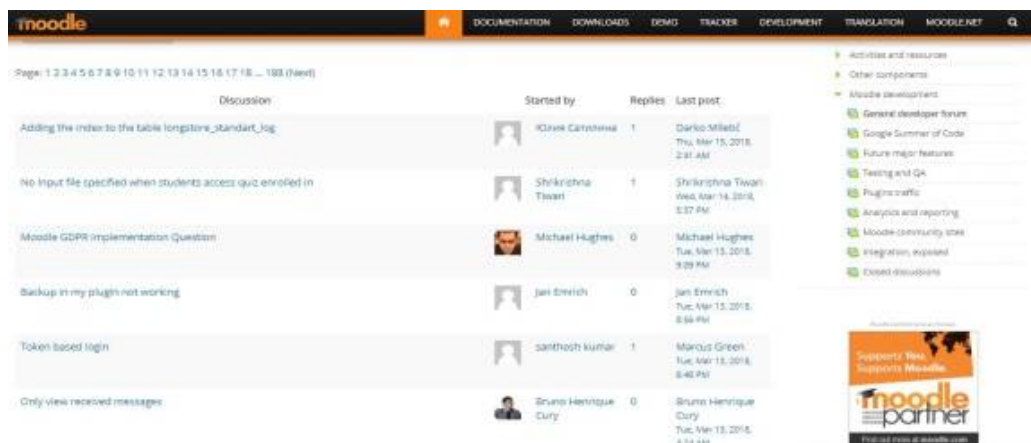


Fig. 3 shows participate through social media by Moodle cloud.

### G. Features of Facebook

Famous and best those sites are Facebook to social communication, it is spreading the culture of social communication among classes, trends and many religions around the world. The fact of the Facebook is the site of social media, used for communicate persons (such as universities) that brings out (accentuates) with other people within the scope of that site or via communication with other sites [6], [12]. This site was established by Mark Zuckerberg in 2004 to communication among students in the Harvard University, US. In this aspect, Moodle cloud included this site as well as set of social media sites to investment communication between students with their courses respectively [9], [18]. The researchers using Moodle cloud as an official gate for university and communicate with their colleagues through social media like Facebook site to meet not only friends and family, but as a channel of communication between Electronic communities, and rostrum to show political ideas, configure political and groupings electronic as well as to become an essential Communication channel for multi universities and companies to connect with their audience to transfer her news and promotion of the her book and other media [22]. So importance of Moodle cloud associated with social media as a largest electronic gathering on earth [13].

### H. Offer and eclectic of information on social media

Offer and eclectic information are services via social media leads to provide researchers with information that their interest in electronic form and organized. Using social media to offer and eclectic information via confidential site like Moodle cloud serve a certain segment of researchers and reflect their concerns [9], [13]. It aims to provide each researcher periodically every day semimonthly with availability of internet of information or policies that fall within their scope [15]. It uses the concept of eclectic of information and that lead to the use of electronic devices connect with internet in match that express the concerns of researchers [1].

## IV. THRID SECTION PRACTICAL SIDE

### A. Offer and Eclectic Information by Moodle Cloud with Social Media

The offer and eclectic information is applying by Moodle Cloud applications and Social Media, through several phases, as follows: First: - upload Information resources from and to site of Moodle cloud via some applications according to the needs of researchers. As shown in Fig.4.



Fig.4 shows upload resources from and to Moodle cloud to explain in social media.



Fig.5 shows Images taken from social media used in course through Moodle cloud.

**Second:** - using multi activates and collecting different tasks taken from social media like video live (API) via Facebook to be used in course through Moodle cloud as a video conference by using multi stable or portable devices. As shown in figures: Fig.5, Fig. 6.a, Fig.6.b, Fig.6.c and Fig.6.d respectively.

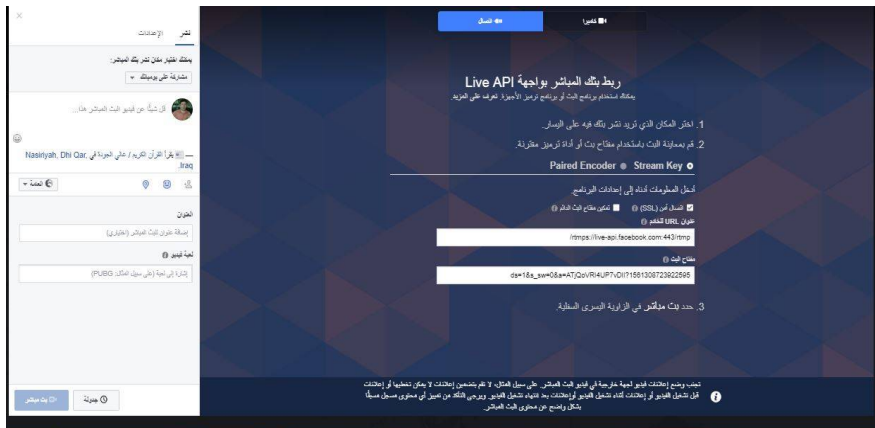


Fig. 6.a shows live social media used video live APL in course through Moodle cloud.



Fig.6.b shows live social media used video live API in course Moodle cloud as video conference.

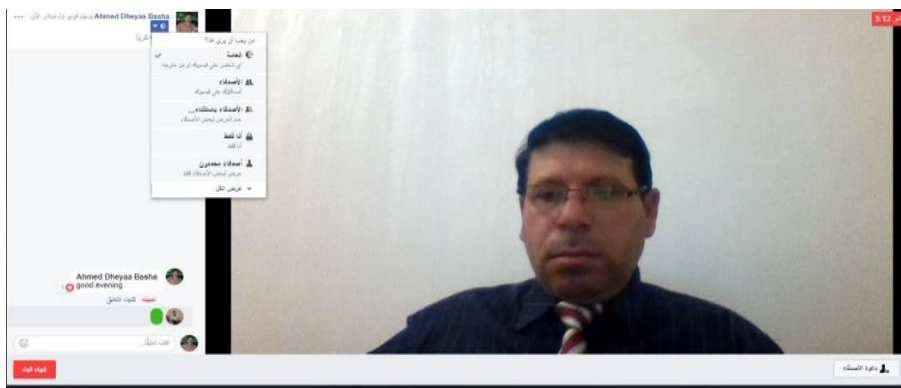


Fig.6.c shows live social media via video live API in course Moodle cloud by device (laptop).



Fig. 6.d shows live social media used APL in course Moodle cloud by portable device (mobile).

**Third:** - using Moodle cloud to follow upload file compression or reduce its size by in Adobe Acrobat 7.0 Professional Program, as shown in Fig.7.



Fig.7. shows upload file via Moodle cloud to share.

**Fourth:** - create link and access social media via Moodle cloud applications and upload files or shareable link and copy the link Fig.8.

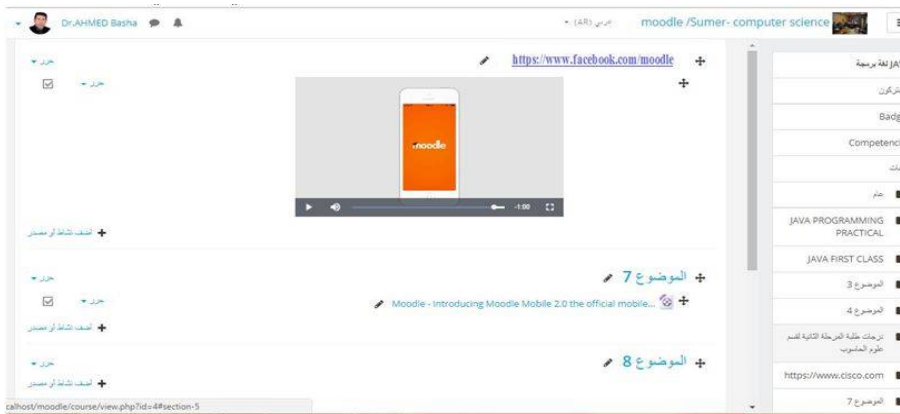


Fig.8. shows create link and access social media via Moodle cloud applications.

**Fifth:** - Creation of Mail to researcher in order to uploading files and digital information to send and receive notification, as shown in Fig.9.

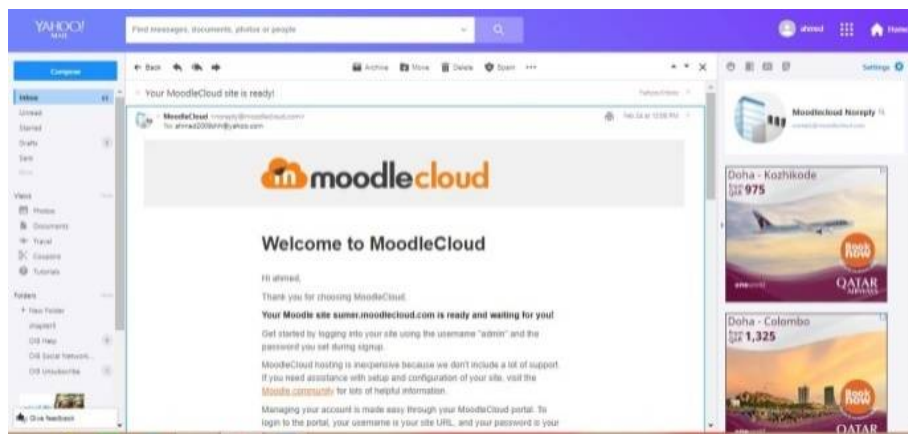


Fig.9.shows creation of Mail to researcher

**Sixth:** - use Moodle cloud with multi browsers like Google drive as shown in "(Figure10)". And extra benefits enjoyed as follows:

- Connectivity with Moodle cloud application allows navigating through your course and social media [3].
- The synchronization application with your personal device and non-synchronization that allows other enormous features [11].
- Moodle cloud it Search Engine, It becomes to find different resources and offer cloud storage of course [14].
- The researchers can develop technique application it is very easy via the cloud service [1].

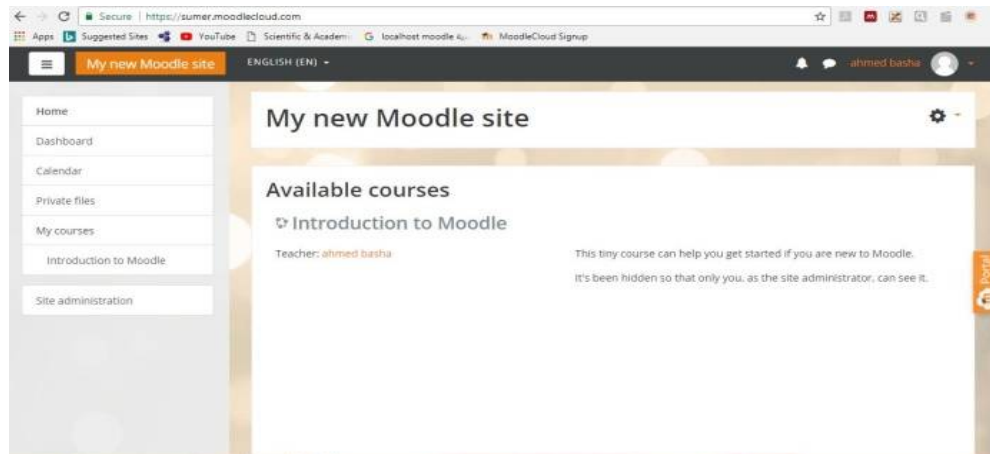


Fig.10. shows using Moodle cloud with web browser like Google drive.

Seventh: - Availability of digital resources on Moodle cloud and use social media to know the benefit from the resources according to researchers and their requests or interesting, especially in Facebook page and then Creation of a group [1], [18]. Then paste the link that via site or established previously to Facebook group page as shown in Fig.11.

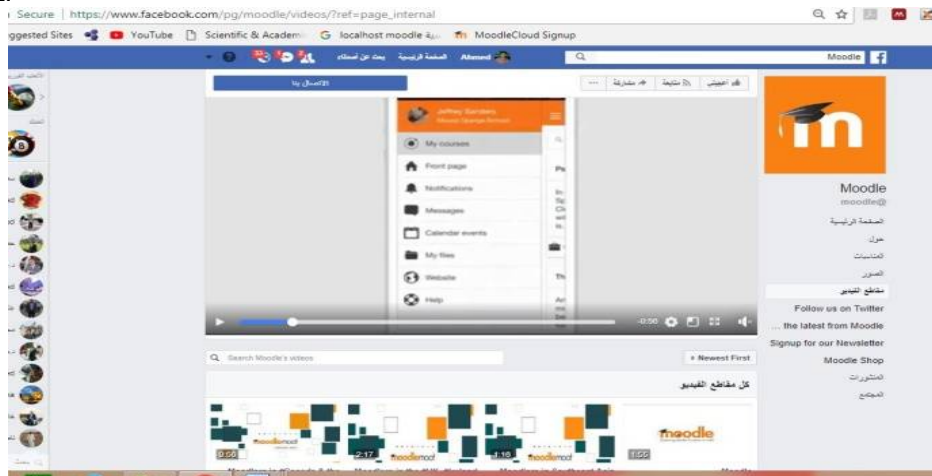


Fig.11. shows Facebook page and creation a group and paste the link via Moodle cloud site.

## V. THE CONCLUSION

- Using Moodle cloud leading to speed and ease of retrieval and eclectic information related to the interests of researchers.
- The use of Moodle cloud applications in university site working to establish and save digital resources from damage or loss, because the data digital resources kept save place in the world.
- The use of Moodle cloud applications in university sites leads to electronic retrieval leads to speed retrieval of digital resources.
- Easy to get information resources via Moodle cloud according to the needs of the researchers of the paper that means using digital form.
- Urged university sites on investing Moodle cloud application that save the digital resources from damage and ease electronic retrieval.
- The Moodle cloud free open source use techniques will help university in cost savings and providing new services, especially with social media and latest advanced management tools.
- The importance provision of internet in university sites will be of high quality and speed.
- Training of staff in university on Moodle cloud site and their training courses to offer and eclectic information services.
- The researchers can use miscellaneous devices portable or stable devices like mobile tablet personal computer anywhere anytime with availability of Internet.
- The provision Moodle cloud as a website for the General department in the Iraqi University.

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