"Student preference towards the utilization of Edmodo as a learning platform to develop responsible learning environments" study

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Abstract

Teachers can simply establish and administer online learning communities using Edmodo, and students may connect and collaborate with their peers and teachers whenever they want, from any location. A safe and cost-free educational learning network, Edmodo. To promote participation and responsible learning, this study sought to ascertain how much students preferred to utilize the academic social networking site Edmodo. The goal of this essay is to determine whether using Edmodo as a teaching tool is appropriate that more teachers should employ to support a student-centered, technologically-based learning environment where students participate and put their ideas about responsible learning into practice. The study was carried out in a private institution in Banjarharjo, Central Java. Only 320 of the 280 degree-seeking participants were actually used in the analysis. This study used a quantitative methodology,and a survey with research-designed questions was utilized to collectresponds on a Likert scale of 1 to 5, with 1 being strongly agree and 5 being strongly disagree. To encourage students' decision to utilize Edmodo for teaching and learning, the survey question was developed using the RASE (Resources, Activity, Promote, and Evaluation) method.. The study's findings demonstrate that using specific Edmodo features increases student engagement and promotes responsible learning. The analysis's conclusion confirms that the students prefer Edmodo mostly for its resources. assistance and communication tools including forums, chat rooms, and online activities are also available. Students love working on online classes because of Edmodo's great and user-friendly social learning platform. The findings of this study might prompt educators to reconsider how they run their classrooms.

Keywords: Student, Edmodo, Responsible learning environmen, Social media networking, Preference

1. Introduction

social networking sites (SNS) like Myspace and Facebook in particular. Teachers have been integrating SNSs into their lessons in order to improve students' learning motivation, autonomy as a result of their awareness of SNSs' popularity among students.[1] According to certain studies on the integration of SNSs with education, SNSs can improve students' overall learning performance as well as boost their motivation and autonomy in the classroom.

SNS is a platform that offers a simple, approachable way to connect with people, engage in conversation, exchange ideas and thoughts, and get responses quickly[2]. The main distinction between social networking sites and traditional media is this aspect of interactivity. SNSs provide direct communication with others in a virtual setting. Due to its practicality, communication becomes pleasant and beneficial, which keeps audiences interested throughout. SNS Edmodo is frequently referred to as "Facebook" for higher education. This is due to Edmodo's interface being somewhat reminiscent of Facebook[3]. This is done to make Edmodo user-friendly and to encourage a sense of familiarity among its users, as the majority of students have Facebook accounts.The fact that Edmodo enables collaboration, communication, content exchange, access to assignments, and viewing of grades between students, teachers, and parents in a social learning environment. distinguishes it from other SNSs.Having built-in academic evaluation tools like quizzes, assignments, polls, and more gives Edmodo the biggest advantage over other social networking sites (SNSs)[4]. Even when instructors and students are off campus, these characteristics significantly aid in learning and communication between them. In addition, when parents log in, they may see their kids' academic progress. As for the teacher, they can obtain the assessment data right away, saving them time compared to if they had to manually compute it.

2. Research Method

A survey with research-designed questions was used in this study's quantitative methodology to gather participants' using a Likert scale of 1 to 5 for each statement, from strongly agree to strongly disagree [5].The RASE (Resources, Activity, Promote and Evaluation) approach was used to create the survey question in order to support students' choice for utilizing Edmodo for teaching and learning. The study's findings demonstrate that using specific Edmodo features increases student engagement and promotes responsible learning.

3. Literature Review

3.1 Edmodo

For instructors, students, parents, schools, and districts, Jeff O'Hara and Nick Borg created the free and secure learning platform Edmodo in2008[6]. It may be accessed at www.edmodo.com. Due to the fact that teachers are permitted to establish and maintain profiles that are just for their kids, this website resembles Facebook in appearance but is considerably more secure and private. teachers and pupils in a virtual classroom class can communicate and work together easily thanks to the website. Additionally, students have the option to share content, turn in assignments, quizzes, and homework, as well as participate in polls and receive comments from teachers[7]. The American Association of School Librarians chose Edmodo as one of the top 25 sites that promote innovation.Thousands of people attend Edmodo conferences, which are held online and have more than 6.5 million users[8].

3.2 social media and instruction

the application of technology for online learning has grown significantly during the past ten years, giving students new chances and channels for virtual interaction with their teachers [8].Online communities give people more options for who they can choose to connect with, especially those who share their interests, values, views, or passions Recently, there has been

a lot of discussion in the educational world about the use of technology in online education sites like "Facebook" and "Myspace. While more and more teachers are praising social networking's potential to (re)engage pupils in their studies, some are concerned that such apps could harm and disrupt their participation in traditional educational offerings[10]. How might Web 2.0 technologies affectin particular social networking sites, have both within and outside the classroom? Online social networks are a great communication tool for knowledge building based on social contacts, discourse, cooperation, and shared work. While Facebook involvement has increased dramatically across college campuses, Therefore the Networks can be used to extend a physical system. classroom to help students stay in touch with their teachers, The social networking can kids who are shy and don't participate in class might interact with their teachers and peers to their advantage. [11].

3.3. Pedagogical RASE Model

To assist teachers in using online learning platforms such as Blackboard, Moodle, etc. in an efficient, a method that puts the needs of the students first and is fun for them to complete their modules, the RASE Pedagogical Model was created[12]. According to the RASE model, exercises for students participate in while accessing resources are also necessary, as content resources alone won't fully meet learning objectives. Last but not least, evaluation serves as a tool to inform us about student progress and helps us learn what else needs to be done to ensure that learning outcomes are being attained[13]. Support aims to make sure that students are given the support and tools they need to independently solve emerging difficulties.

4. Findings

The following sections were used to present the study's findings:

4.1. Data pertaining to individuals

Out of 249 respondents, 138 (47.8%) of the students who took the survey were female, and 111 (38.4%) were male. Nearly 164 of the respondents were over the age of 20, while the rest 82 were between the ages of 18 and 20 and 3 were between the ages of 15 and 17[13]. From the survey's personal information, There were about 226 degree students among the respondents, it was found, 20 certificate holders, and 3 Master's degree holders.

4.2. The RASE pedagogical paradigm is preferred by students when using Edmodo as a teaching tool to create a disciplined learning environment.

Table 1. The student preference on use of Edmodo for Resource sharing

Student preference on use of Edmodo for Resource sharing	Mean	S.D	Level
R1: It is easy to identify the study materials in the platform.	3.96	0.956	Agree
R2: I like the sharing folder option because it enables me to access my lecturer's resources (e.g. lecture notes, videos, etc.).	4.14	0.939	Strongly Agree
R3: I find the unlimited Backpack (Digital Library) option is very useful for saving data (e.g. Files, folders, etc.).	3.91	0.946	Agree
R4: Preview of the files option from the platform is useful to check before downloading.	4.08	0.943	Strongly Agree
R5: I like the "filter by posts" search option.	3.91	0.938	Agree
Total	**4.00**	**0.944**	**Agree**

Note: 4.01- 5=Strongly Agree, 3.71-4.00=Agree, 2.71-3.70=Neutral, 1.71-2.70=Disagree, 1-1.7=Strongly Disagree

According to Table 1 above, students prefer using Edmodo to share resources with their peers, teachers, and other students. According to the survey data in Table1, the students approved of using Edmodo's resource sharing features, which include the ability to share study

materials and access to a digital library, simply and fast. Additionally, they all agreed with vigor that they like how simple it is to access and quickly check the sharing folder and file preview options. The folder sharing option (R2) had the student preference out of all the resource sharing options, a mean score that is higher, 4.14.

Table 2. The Student preference on use of Edmodo towards Activity

Student preference on use of Edmodo for Activity	Mean	S.D	Level
A1: I like to use the platform for forums / group discussions with my lecturers.	4.00	1.076	Agree
A2: I like to use the platform for forums / group discussions with my peers (student –to-student).	3.74	1.132	Agree
A3: This platform is useful for making enquiries on information (e.g. video file, slides, etc.) posted by my lecturers.	4.06	0.978	Strongly Agree
A4: This platform is useful for making enquiries on information (e.g. video file, slides, etc.) posted by my peers on project work.	3.98	1.002	Agree
A5: I like to take online quizzes using this platform because it gives me the correct answer immediately after completion.	4.08	0.995	Strongly Agree
Total	**3.97**	**1.03**	**Agree**

Note: 4.01- 5=Strongly Agree, 3.71-4.00=Agree, 2.71-3.70=Neutral, 1.71-2.70=Disagree, 1-1.7=Strongly Disagree

According to the data extracted from the student preferences on using Edmodo for Activities in Table 2, the student was adamant about using this platform to ask questions about content posted by the lecturers[14]. The student was passionate about using this platform to ask questions regarding content presented by the lecturers, according to the information gleaned from the student preferences on using Edmodo for Activities in Table 2, Given that the mean score on Edmodo for online quizzes (A5) is4.08, greater than any other mean score in Table2, it is clear that the students really appreciated using this platform.

Table 3. The Student preference on use of Edmodo towards Support

Student preference on use of Edmodo for Support	Mean	S.D	Level
S1: I find the online help desk is user friendly.	3.75	1.045	Agree
S2: Communication (e.g. alerts, postings notification, etc.) between the students and lecturers is fast.	4.14	0.991	Strongly Agree
S3: Communication (e.g. alerts, postings notification, etc.) among my peers (student-to-student) is fast.	4.02	1.076	Strongly Agree
S4: I like to make online appointments with my lecturers through this platform, because it is fast.	3.78	1.141	Agree
S5: I like the support community team feature in the platform.	3.77	1.085	Agree
Total	**3.89**	**1.06**	**Agree**

Note: 4.01- 5=Strongly Agree, 3.71-4.00=Agree, 2.71-3.70=Neutral, 1.71-2.70=Disagree, 1-1.7=Strongly Disagree

According on survey results presented in Table 3, students prefer to utilize Edmodo to quickly and easily get support from professors and their peers. The student firmly agreed that Online support is easy to utilize and that contact between the student, professor, furthermore peers is swift [15]. The student also strongly agreed that the student likes to schedule Due to the speedy contact, appointments can be made with the professor online. [16]. As shown by the mean score value of 4.14, which is greater than that of the other questionnaires in Table 3, the findings from Table 3 strongly support the claim that S2 represents the support for dialogue between professors and students quick[17].

4.2 Problem

Activity in the classroom and how concepts and ideas function online are the subjects of the research that is sought after[18]. The outcomes demonstrate that the procedure is engaging and enjoyable, flexible in terms of when and where it is implemented, and prepares students to participate in online lectures and gather homework. However, Edmodo's lack of processes results in a reliance on technology and internet network utilization.

4.3 Research Implementation

Teachers operate in a demanding, dynamic setting[19]. projects-based learning, learner-centered environments, various intelligences, etc. My advice to teachers who want to use Edmodo will actually shift their traditional classrooms into the present situation because there is desire in using Edmodo as a learning platform among university students. In order to adopt and develop I encourage educators to think about using the Edmodo-RASE concept as a paradigm for creating a safe atmosphere for pupils to learn in. [20].

4. Conclusion

With regard to Edmodo college students' learning environment, our Study provided some information. gaps in a mostly uncharted area. The learning platform Edmodo differs significantly from a traditional classroom setting in a number of key ways. the classroom using an online platform that offers simple access at any time to continue such conversation, an online quiz, sharing folder choices, and primarily access to the top experts in the globe across a range of disciplines.Implementing Edmodo as a tool for teaching students by teachers is capable of being an effective instrument for creating a safe learning environment outside of the classroom.

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