



Impact Of Virtual Learning Environment

Academic and Employability Skills BMSW4001

Student:Maxinese Florentina-Marilena(1919888)

Lecturer: Amitave Banik

Table of Contents

- Introduction
- Data Collection
- Secondary Data Analysis
- Concept of Virtual Classroom
- Positive and Negative Impact of Virtual Classroom
- Virtual Classroom VS Physical Classroom
- Primary Data
- Conclusion
- References

Introduction

In the modern era, the virtual learning environment is an important part of education where students and teachers can continue the teaching-learning process through online-based platforms.

The virtual learning experience is also known as a virtual classroom where students can learn from a distance and it replicates the physical classroom environment.

The virtual learning experience aims to provide creative learning and exclusive educational development for the students.

This kind of education or learning system makes a positive impact on the students.

The study will focus on the impact of virtual learning in an environment on the students and through primary and secondary data collection it will evaluate the positive and negative impacts of the virtual classroom environment.

This study will also focus on the opinion of the students about the virtual classroom environment and how to find it better to develop their study skills as well as develop their performance level.



Data Collection

- This study has adopted a mixed Data Collection method and Collected both primary and secondary data to evaluate the research topic and to understand the impact of the heart classroom environment on the students.
- In the primary data collection, the study has been conducted an online survey to collect data from the 20 students of the University of Wales Trinity Saint David London Campus.
- It is very important to understand the opinion of the students about the virtual classroom environment. The study has been developed some questions regarding the research topic which are open-ended and palate students' opinions through this online survey. The collected data is evaluated in different ways suggest the qualitative method and the quantitative method.

Secondary Data Analysis

- To understand the impact of virtual classroom environment, this study has collected some authentic secondary data and establishes opinions and arguments of the scholars to evaluate the research topic.

Concept of Virtual Classroom

- The virtual classroom is one of the major technological development in the education system especially in the covid situation where the physical classroom has been restricted to avoid covid spread (Asmara, 2020).
- Through the virtual classroom, students can continue their learning from their homes without any disruption and can improve their academic skills.
- The virtual classroom also provides wide knowledge to the students where students can easily attend the classes during the quit pandemic situation and gain success in the academic field.
- Though according to the students there are many benefits and problems regarding this virtual classroom environment.

Positive and Negative Impact of Virtual Classroom

- **Positive**

- According to the students, the major benefit of the virtual classroom environment is they can attend online classes from anywhere at any time and they can collect notes assignments discuss questions with their teachers and peers who are the online platforms.
- The virtual classroom also develops communication levels in the classroom environment where every student can contact their teachers personally via mail or through online platforms and they can ask questions to solve their problems.
- Many introverted students gain self-confidence by establishing effective communication with their teachers and peers through online chats or social media which helps them to enhance their learning ability.
- According to the students, this virtual classroom environment also develops their technological skills where they can manage web browsing, online communication, and many other technical skills which increase their success rate.

- **Negative**

- Students have some problems regarding the virtual classroom environment which becomes the cause of performance and losing interest in learning.
- According to the students, the online environment is text-based, and to communicate with the teachers and peers they have to type messages which sometimes slow down the responses because typing slower than speaking.
- In the physical classroom students can Apps related question about atopic but in the virtual classroom environment, students are playing the role of listener and teachers are the only instructor and speaker which sometimes create problem to understand the topic.
- Often students face technical issues and network issues which create problems to attend the classes and they miss some part of lectures of the live classes.
- Though they can attend the recording classes later it make delays in learning and students sometimes fails to understand the subject matter because of the lack of interaction.
- Virtual classroom environment also required good personal time management skills where students can manage their time properly to meet the goals of The Course work and to finish their assignment in a limited time frame
- According to the students, it is very difficult to maintain a time frame in a home environment where students have many responsibilities in their homes and they feel difficulties managing both household works as well as assignment work simultaneously.



Virtual Classroom VS Physical Classroom

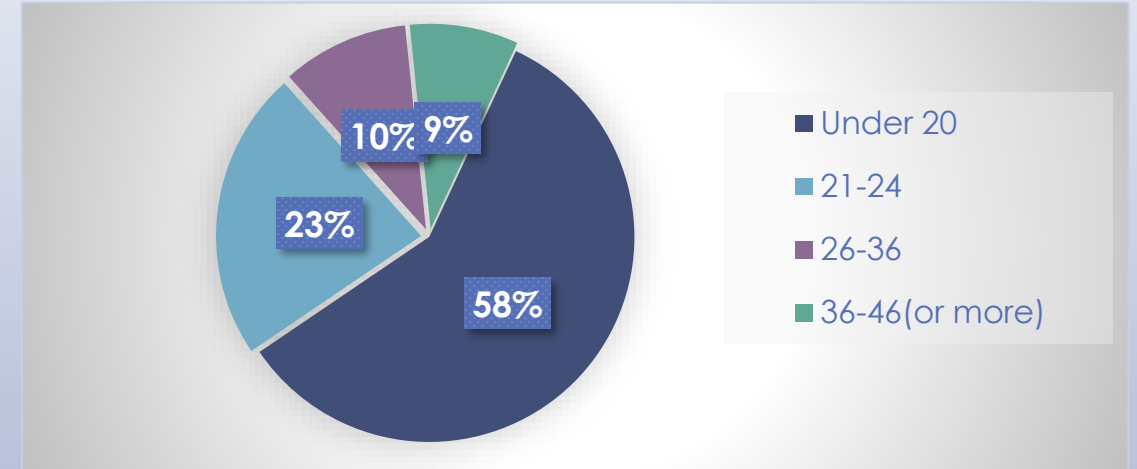
- According to some students, in a virtual classroom environment they cannot feel the education environment they have experienced in the physical classroom where they can directly interact with their peers and teachers.
- In the virtual classroom environment, they feel isolated and feel demotivated for the lack of communication with their peers.
- The physical classroom environment encourages classroom activities and practical group assignments which help them to motivate and low interest in the subject but in the virtual classroom the 6students miss those classroom activities.
- Lack of time management skills and lack of interaction and activities become a major reason for stress and anxiety where students encounter some problems regarding time management and their assignments.
- Virtual classroom environments also required active learners where students have to be responsible, self-sufficient, and independent to understand learning and execute the assignments according to their understanding.
- Virtual classroom environments have financial benefits where students do not have to spend money on transport or any e external purpose and we can attain the classes from their very convenient home which can not possible in physical classroom.
- The virtual classroom environment allows students to study independently and provide a sense of freedom where they do not have to face any institutional pressure but this freedom comes with huge responsibility where students are fully responsible for their improvement and achievement in the academic field where teachers are there in physical classroom to support the students.

Primary Data

To collect the primary data the study has conducted an online survey with 30 students of the University of Wales Trinity Saint David London Campus to understand the opinion of the students about the virtual classroom environment.

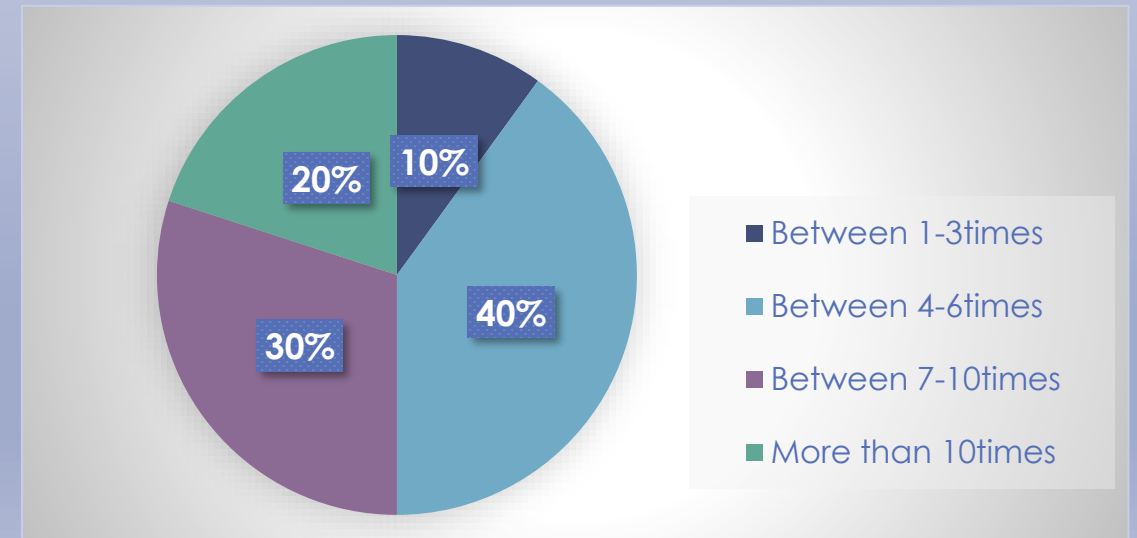
1. What is your age group(years)?

- a. Under 20
- b. 21-25
- c. 26-36
- d. 36-46(or more)



2. How many times per week do you access VLE-Moodle?

- a. Between 1-3 times
- b. Between 4-6 times
- c. Between 6-10 times
- d. More than 10 times.



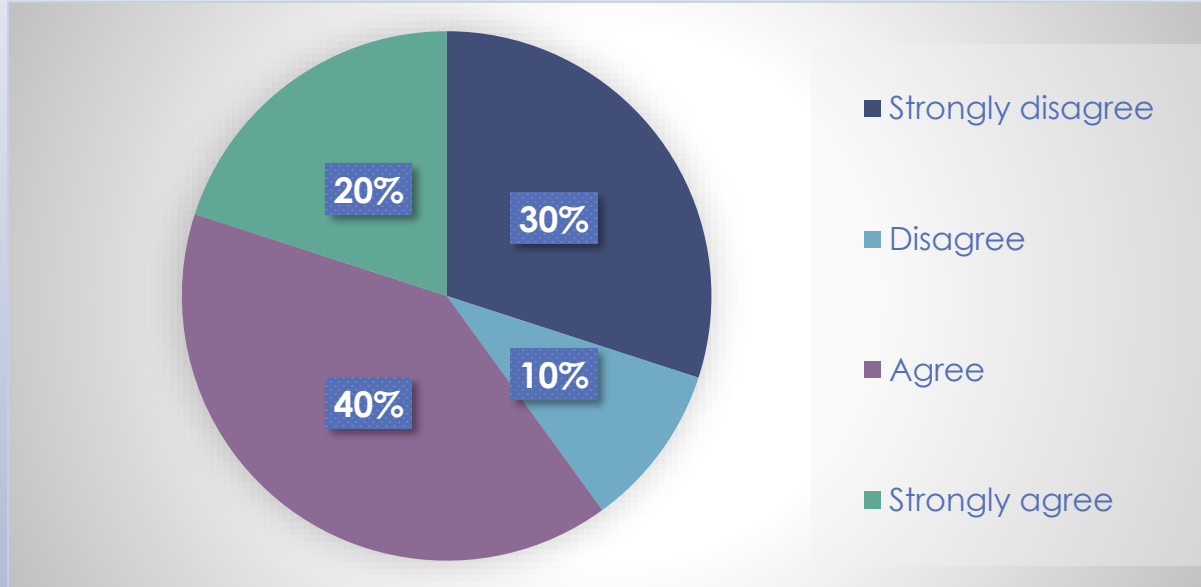
.3.Do you consider that Moodle is an efficient platform for your learning?

a,. Strongly disagree

c.Agree

b. Disagree

d.Strongly agree



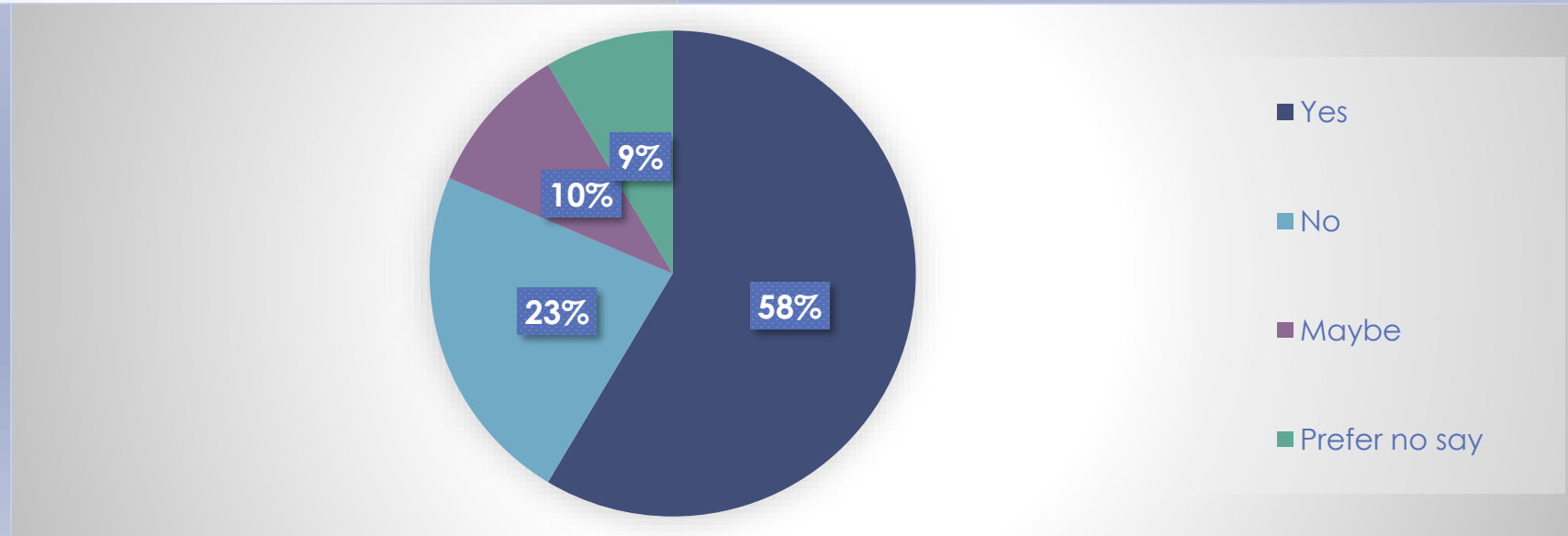
4.Do you consider VLE-Moodle a useful platform for learning?

a. Yes

c.Maybe

b. No

d.Prefer no say



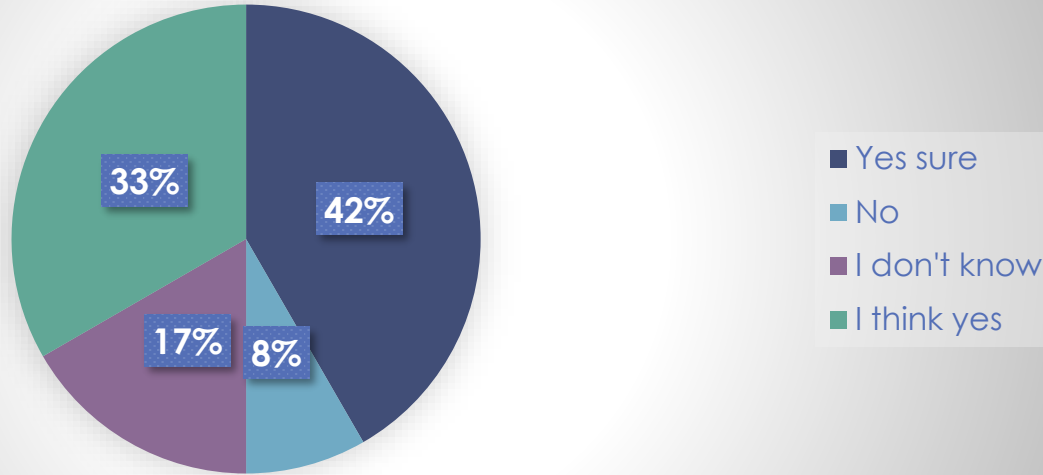
.5.The Academic content is stimulating and interesting?

a.Yes sure

c.I don't know

b.No

d. I think yes



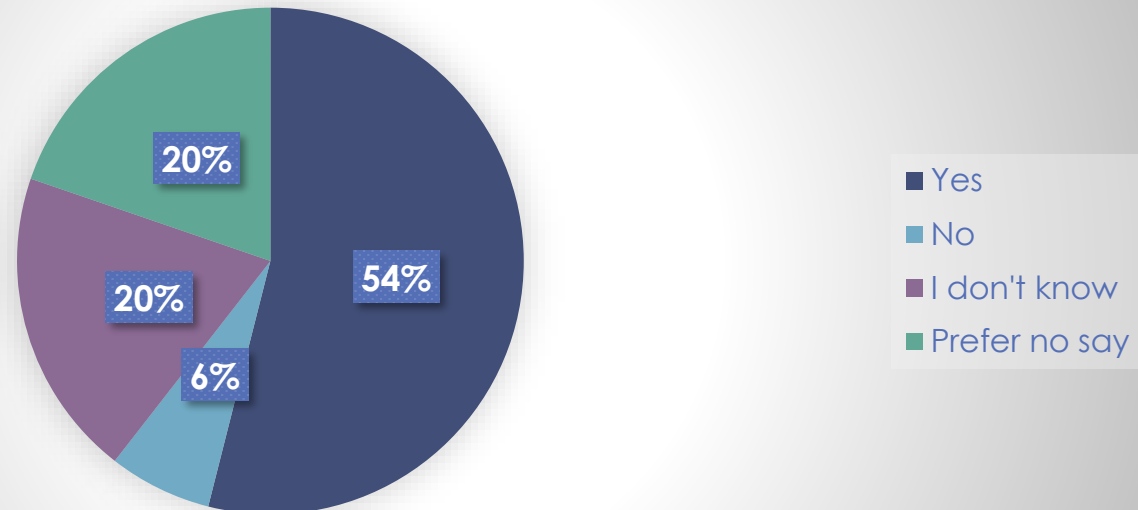
6.It's easy to use VLE-Moodle?

a.Yes

c.I don't know

b.No

d.Prefer no say



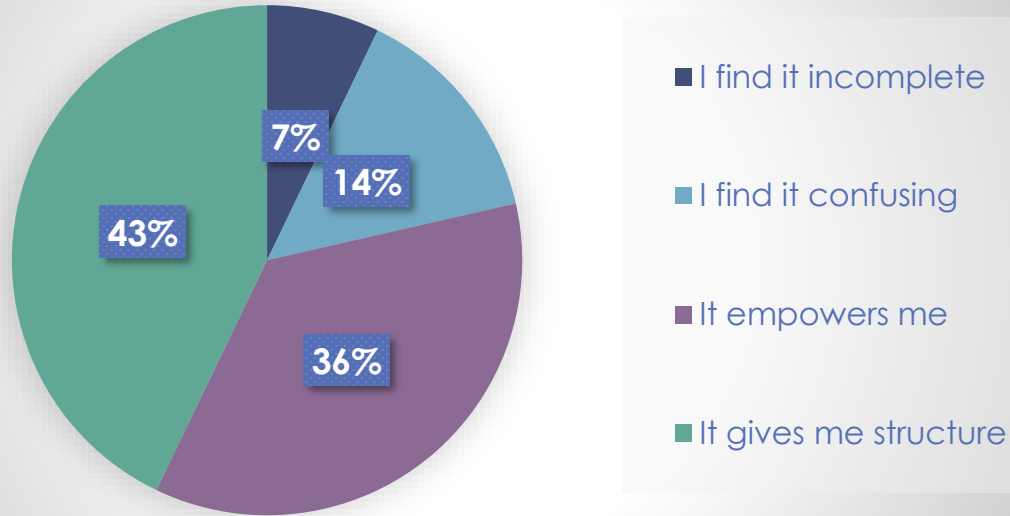
.7.What is your opinion on using Moodle for learning?

a.I find it incomplete

c.It empowers me

b.I find it confusing

d.It gives me structure



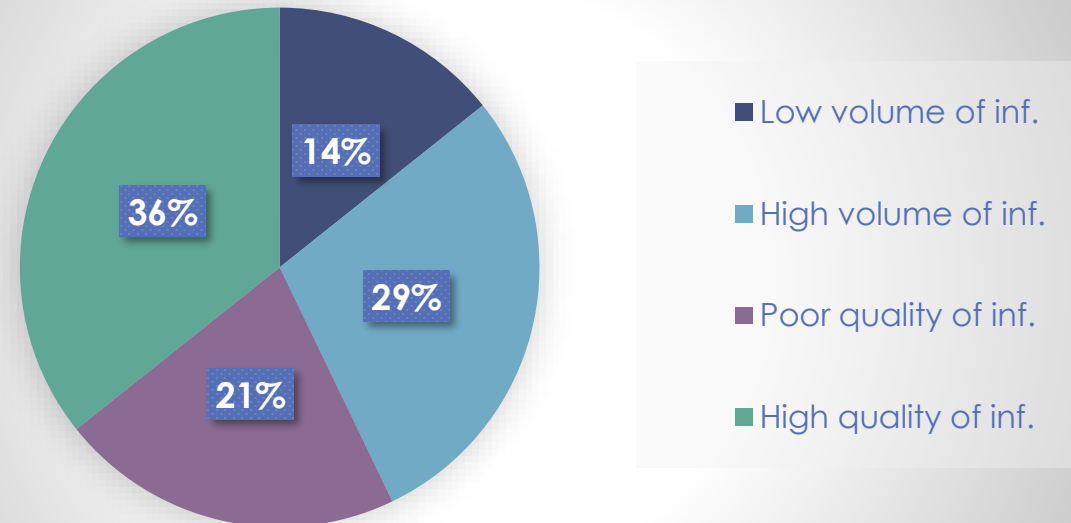
8.How do you describe best the information available in Moodle?

a. Low volume of informations

b. High volume of informations

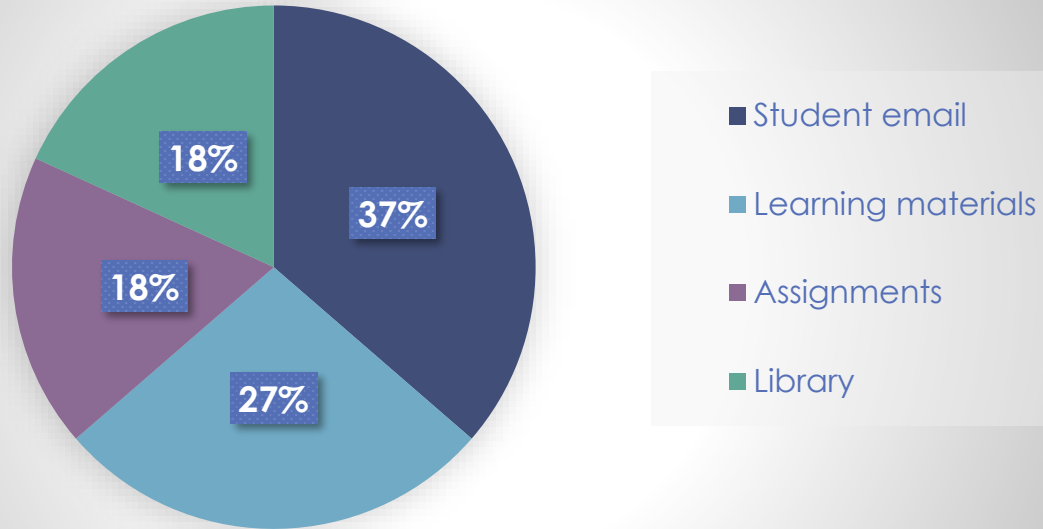
c. Poor quality of informations

d. High quality of informations



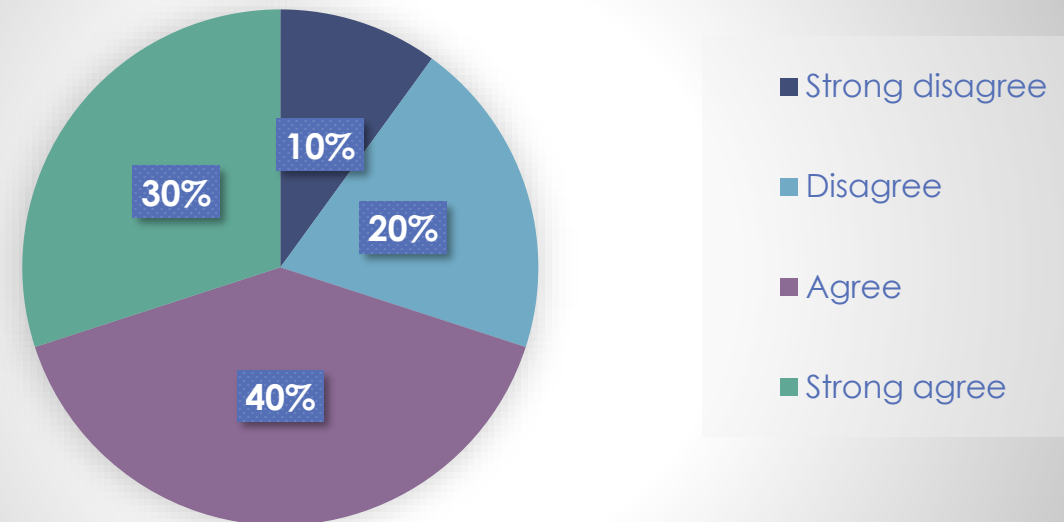
.9.What is/are the main reasons for accessing Moodle?

- a. Student email
- b. Learning materials
- c.Assignments
- d.Library



10.Moodle has a positive impact on my effectiveness as a student.

- a.Strongly disagree
- b.Disagree
- c.Agree
- d.Strong agree

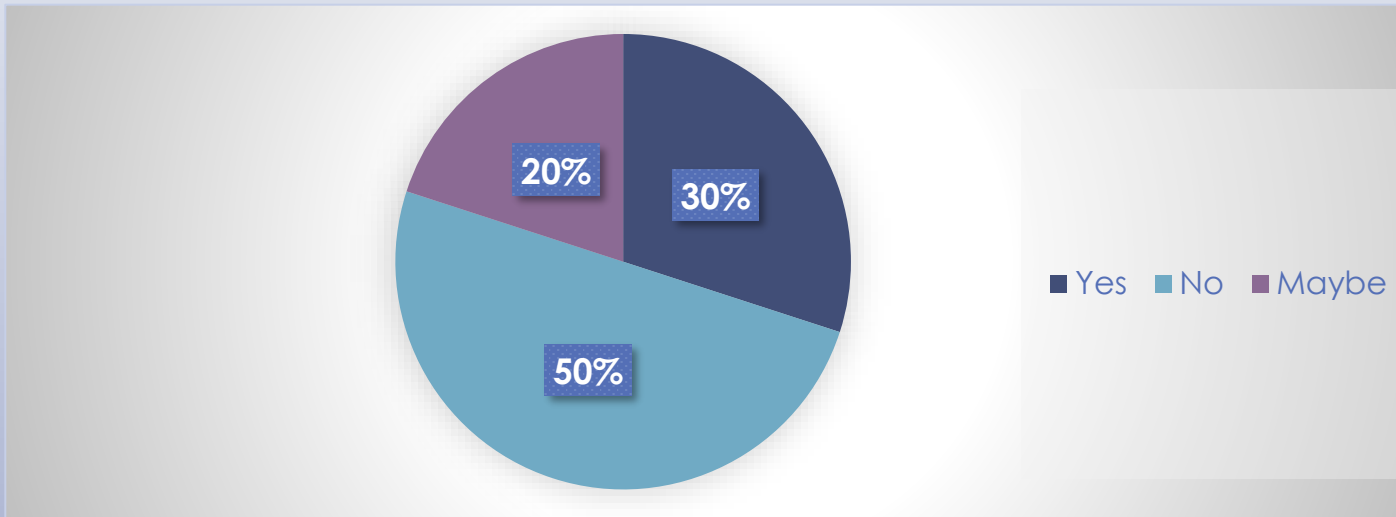


11.Is the virtual classroom environment motivating,especially moodle?

a.Yes

b.No

c.Maybe



- From the above figure, it can be said that most of the students are not feel motivated in the virtual classroom environment.
 - According to the students, in a virtual classroom environment, they feel isolated and face problems communicating with others.
-
- In a physical classroom environment, students can share their problems with their peers and students and they get motivated and find the solution from the discussion which helps them to get their problems regarding the learning process.
 - But in a virtual classroom environment, the students are independent to study and it becomes the cause of increased stress and anxiety level.

Conclusion

- From the above study, it can be concluded that the virtual classroom environment is the new kind of educational system in the modern era and it shows the technological development in the education system.
- The study has been discussed the impact of the virtual classroom environment on the students and to evaluate this research topic the study has evaluated the concept of the virtual classroom environment.
- The study also discussed the positive and negative impact of the virtual classroom environment where students get many benefits by using this virtual classroom environment to increase their knowledge and they can attend the online classes from anywhere at any time.
- However, there is some issue regarding this virtual classroom environment where students face time management problems and get demotivated for lack of communication. The study has also discussed the comparison between virtual and physical classroom environments.

References

- Aditya, B.R., Nurhas, I. and Pawlowski, J., 2019, April. Towards successful implementation of a virtual classroom for vocational higher education in Indonesia. In International Workshop on Learning Technology for Education in Cloud (pp. 151-161). Springer, Cham.
- Ak, Ş. and Gökdaş, İ., 2021. Comparison of Pre-Service Teachers' Teaching Experiences in Virtual Classroom and Face-to-Face Teaching Environment. Turkish Online Journal of Qualitative Inquiry, 12(1).
- Asmara, R., 2020. Teaching english in a virtual classroom using whatsapp during COVID-19 pandemic. Language and Education Journal, 5(1), pp.16-27.
- Berry, S., 2019. Teaching to connect: Community-building strategies for the virtual classroom. Online Learning, 23(1), pp.164-183.
- Biswas, R.A. and Nandi, S., 2020. Teaching in virtual classroom: challenges and opportunities. International Journal of Engineering Applied Sciences and Technology, 5(1), pp.334-337.
- Harjanto, A.S. and Sumarni, S., 2021, April. TEACHERS' EXPERIENCES ON THE USE OF GOOGLE CLASSROOM. In English Language and Literature International Conference (ELLiC) Proceedings (Vol. 3, pp. 172-178).

- Martin, J., 2019. Building relationships and increasing engagement in the virtual classroom: Practical tools for the online instructor. *Journal of Educators Online*, 16(1), p.n1.
- Purcell, J.W., 2017. Community-Engaged Pedagogy in the Virtual Classroom: Integrating eService-Learning Into Online Leadership Education. *Journal of Leadership Studies*, 11(1), pp.65-70.
- Raes, A., Vanneste, P., Pieters, M., Windey, I., Van Den Noortgate, W. and Depaepe, F., 2020. Learning and instruction in the hybrid virtual classroom: An investigation of students' engagement and the effect of quizzes. *Computers & Education*, 143, p.103682.
- Sintema, E.J., 2020. E-Learning and Smart Revision Portal for Zambian primary and secondary school learners: A digitalized virtual classroom in the COVID-19 era and beyond. *Aquademia*, 4(2), p.ep20017.
- Yu, Y., Umer, W., Yang, X. and Antwi-Afari, M.F., 2021. Posture-related data collection methods for construction workers: A review. *Automation in Construction*, 124, p.103538.