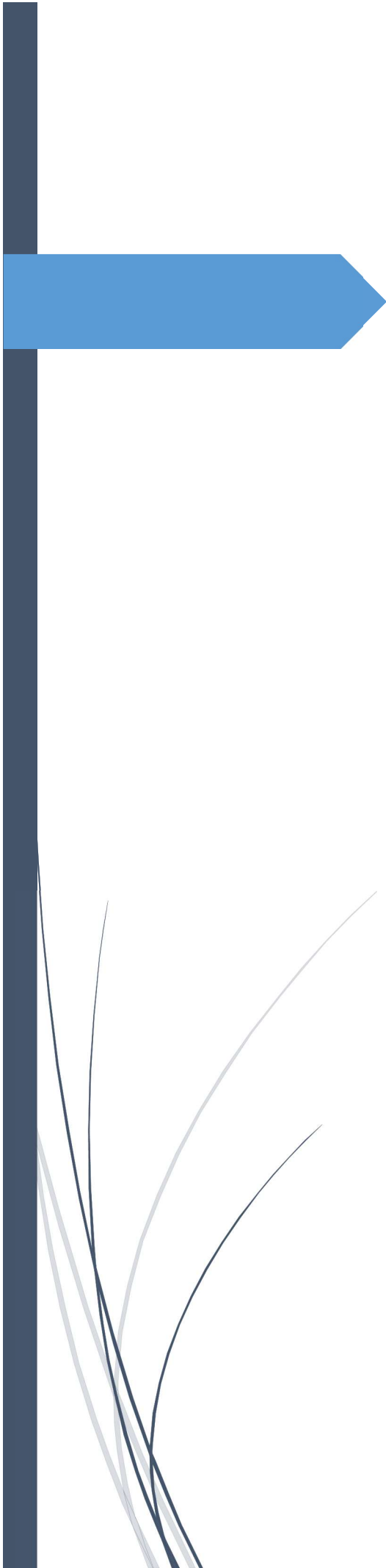




DIGITAL SKILLS AND RESEARCH METHODS

The Impact of Virtual Learning
Environment

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DIGITAL SKILLS AND RESEARCH METHODS

1.0 This is my Introduction (SECONDARY RESEARCH)

Summary of VLE:

Virtual learning environment (VLE) is a podium which used by many types of informative institutions in UK and around the world with the help the technology. In other verses, this a virtual platform where students and teachers are involved in the education sector. However, the technology is essential to enable the learning and teaching process. The technology such as computer hardware, software components and internet is required for this learning environment.

Virtual learning uses PC software, the Internet or both to get the best lessons to students.

This reduces or removes the requirement for lecturers and students to share a schoolroom. Virtual learning does not include the rising use of e-mail or online forums to help teacher's better join with students and parents about assignment and student progress; as helpful as these learning organization systems are, they do not change how students are educated.

Keywords: PC Based, Internet Based, Distant Lecturer

Virtual education brings up to instruction in a learning environment

Where lecturer and student are isolated by time or space and the lecturer delivers way comfortable done course. Management requests, hypermedia resources, the Internet,

Video chat, etc. Individual PCs and the Internet have change whole parts of American culture.

Facebook, Instagram, YouTube, Snap Chat and other online communications media have allowed millions of people around the world to share ideas in minutes, mostly at a very little cost. These kind of benefits in PC technology are wonderful if you know how to use. However a lot of people are not alert of how PCs and Internet technology are changing the method learners learning. This new education model is regularly called "virtual learning," and it has the possible to develop student success, learning access and universities' cost-effectiveness. Absolutely, virtual learning uses PC software, the Internet or both to bring tutoring to learners. This reduces or eliminates the need for teachers and students to share a classroom. Virtual learning does not contain the growing use of e-mail or online forums to help lecturers better communicate with learners and parents about coursework and student progress; as helpful as these learning management systems are, they do not change how students are taught.

2.0 The Background (SECONDARY RESEARCH)

LITERATURE REVIEW – VIRTUAL LEARNING ENVIRONMENT

Facilities available in VLE

Types of services this technology is giving:

(Lessons, education, face-to face support, lecturer's opinion for your work, learning resources,

IT support, task upload, assignment marks and grading.

Advantages:

- Covering everything
- Enjoyment
- Communication and relationship building.
- Free of charge (you're not paying for transport).
- Can open your eyes to see your potential for learning.
- Better technical skills.
- Really fast feedback on learning.
- Better flexibility and comfort.

➤ Challenges:

Distractions Everywhere they can be easily distract.

Staying Motivated

Technical Problems

Some Students Being Left Behind schedule

Diminished Social Aspects

This is some of the challenges faced by students, teaching staff and admin:

- First of all, switching to online learning itself would be difficult.
- Visual Communication.
- Confusion.
- Lack of Motivation.
- Decreased Knowledge Retention.
- Weakened Logical And Intellectual Abilities.

➤ This is the technologies which is required for virtual learning environment:

- Assistive equipment.
- Presentation and digital media technologies.

- Internet community tools.
- Technologies of mobile
- Playing a game, imitations and virtual reality technologies.
- VLE

Risks associated with this technology:

- Hacking
- When you are hiding the truth that's call "Pretexting".
- Viruses
- Advertising
- Problem with the Wi-Fi.
- When you forget your log in details.
- Old technologies.

3.0 AIMS AND OBJECTIVES OF THIS RESEARCH

AIMS OF THIS RESEARCH:

To find what kind of impact is it negative or positive of VLE on educational institutions in the UK.

VLE (Virtual learning environments) were presented to development learners from lazy to energetic learners. Energetic learning helps you to know how to be analytical, problem solving and creative.

A Virtual learning environments systems a progressively vital section of clinical skills development in a range of self-controls.

Material and methods: We make a question to find out what students think of Virtual learning environments (VLEs). Randomized control trial was shown with learners accidentally joining one of two coaching meetings about radioactivity therapy. Both meetings were like apart from a VLE was used in the additional talk with the first being just moral. Unknown surveys were spread. One week after the meetings, applicants were requisite to complete the same familiarity survey to regulate holding. Mann-Whitney, means, standard deviations, and chi-squared tests were used according to data characteristics. Qualitative data (open-ended questions) were considered thematically.

Results: Virtual learning looked to suggestively progress learners' satisfaction/engagement and recall. Full 10 students joined the coaching meetings. The learners group showed using the VLE had greater mean marks for retention than the didactic group; but, this was not statistically significant. Use of Virtual learning was associated with greater satisfaction/engagement than educational information ($P = .003$). Learners' learning styles

looked to have no effect on their satisfaction/engagement and comfort of learning. Three key themes emerged from the qualitative data: (1) the visuals were good/helpful, (2) the conversation was useful, and (3) new details/visuals were required.

Discussion and conclusion:

The key results from this study advise that there is a role for VLEs in the lessons of learners. There is an essential for the summary of progressive knowledge into health care education as near reality, such as Virtual Environment of Radiotherapy, has shown progress in learners' satisfaction, engagement, and recall. Whether VLEs succeed learners better than conventional didactic teaching is still undetermined, but these first results are encouraging.

Keywords: VLE (virtual learning environment; medical education; learning styles; radiotherapy/radiation therapy education.

To find the methods to progress virtual learning services

To be familiar about virtual learning environment

Objectives:

Conduct a secondary and primary research and collect quantitative and qualitative data

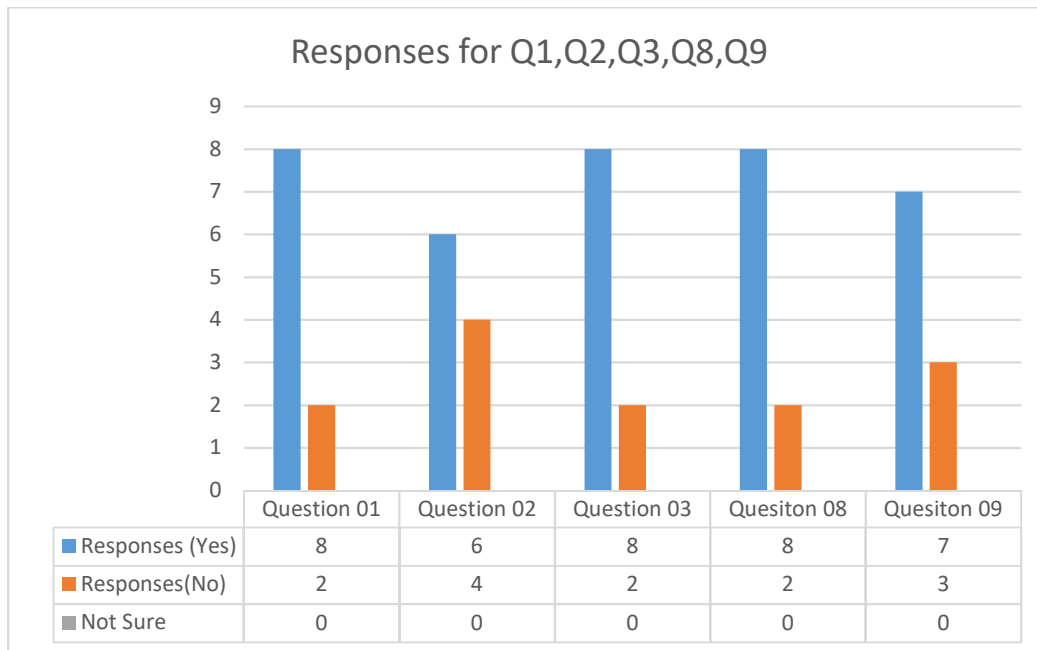
Analyse the research outcomes

4.0 METHOD (PRIMARY RESEARCH)

In my study, secondary research method was used and was good to collect quantitative and qualitative data as it supports to know the services available in VLE, knowledge necessary to have VLE, benefits, weaknesses and the challenges faced by university students, lecturers, and organisation. In this situation many types of books, magazines, publications, and courses were raised and used to collect quantitative and qualitative data I'm collecting data by Google and books. University Moodle was opened and other sources available from the internet was used to bring together related parts I'm collecting the required data by Moodle. For my secondary research I read a lot of articles and magazines. Later, primary research tactic was directed to collect quantitative and qualitative data linked to our university Moodle. So, online software tool was used to make a survey which includes 10-20 questions connected to the university Moodle and then it was spread among students and families to get their response. The survey was sent by e-mail. Data was collected and kept in Google forms 10 multiple choice questions included in the questionnaire.

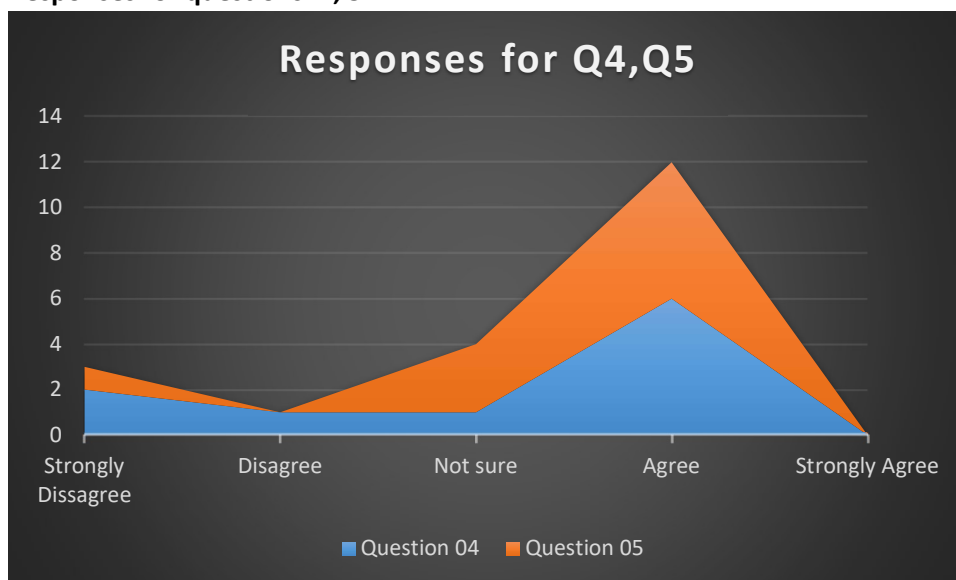
Results:

Responses for questions: 1, 2,3,8,9.



As the responses of Question 1, 2, 3, 8 and 9 been taken and analysed, I notice that most of the student are very happy about the resources which we have in the university. Most of the student find it easier to do their assignment because of the resources we have.

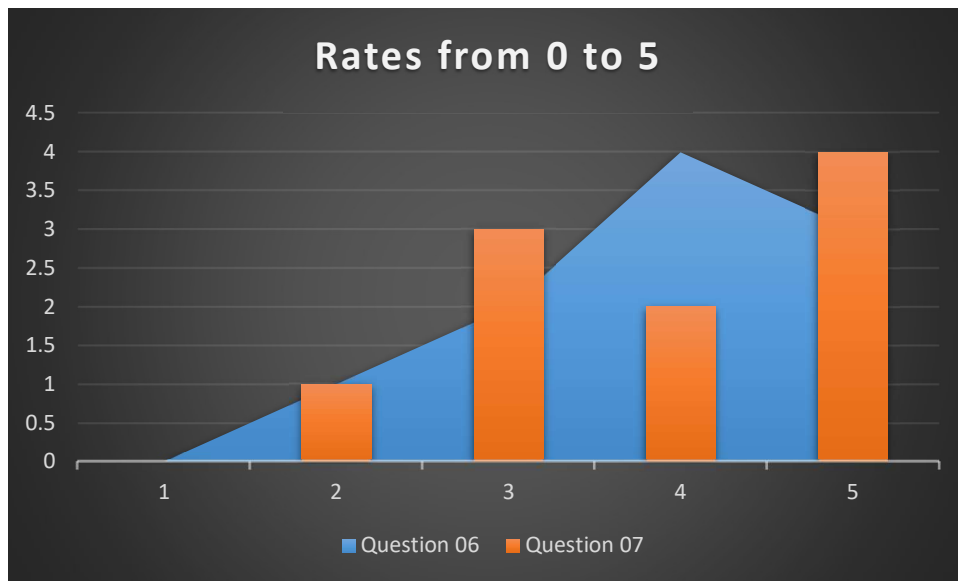
Responses for questions: 4, 5.



Since the responses of Q4 and Q5 been taken and analysed, I notice that most of the student agree to continue to use VLE platform after the pandemic because of the freedom they have, and the saving the make. They didn't wake u that early to get ready and waiting on the bus stops.

Also a lot of them prefer to communicate with their lectures and friends via VLE more hat 60% agree and 30% are not sure.

Rates for Q6 & Q7:

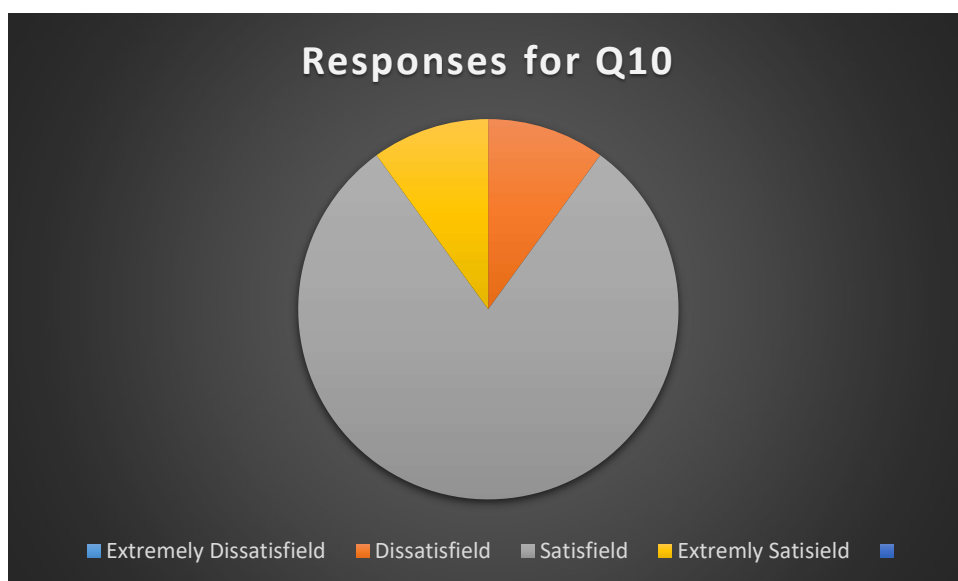


The rates on Q6 and Q7 show me that most of the student have good impact about the online learning platform on academic studies during the pandemic.

On Q7 the results is more mixed some student rates their preference as high and some as low.

Everyone have their way of studies and everyone find it different for some student the online learning make them very active at the study is but some of them the online learning make them so lazy.

Responses for Q10:



The responses here show as the more of the student are satisfied to the support given by lectures, university and the management. For most of the student VLE is very helpful.

Discussion

During my research I realise that most of the student enjoy to study online because of the advantages they have. Most of them prefer to use VLE for their higher education it may be because their can combine their studies with their busy life's as an adults. From my research I saw that many of the student had proper training how to use University VLE for their studies.

Also they want the university to continue to use VLE after the pandemic as well, I think this is because they can study at any point of the earth and there is no limits of you to study.

Student prefer to communicate online and that's maybe because this generation is actually most of the time on their phones and they just prefer even to text someone than just call. What I saw on the period of my VLE study is that most of the students prefer to txt their questions to the lectures than just asking. The e-learning provide really good support to the students and that's why they can complete their assignments that's what 80% was saying on my survey.

They find a lot of resources online and is easy for them to study.

Students are satisfied to the support which they receive from the teachers.

I think the virtual learning environment it have many disadvantages and many advantages as well.

I really like the online learning only because of the freedom I have I used to travel a lot because of my family and this online learning was a perfect opinion for me, because with the online learning you are not losing any lessons. However, there is a lot of things I don't like it is that I can't be focused on the laptop for a long time and when you are at home there is a lot of distractive things around you, and also you can't feel like you're at the university or college your staying at home you can't meet your friends and have some fun with them. I think online learning makes you lonely and sometimes is really boring to stay more than 4 hours front of the computers and only listen to the teacher and is not good for the eyes, my eyes start burning when I stay for the very long time front of the laptop. My recommendations for improvements are:

- Everyone to have their camera on,
- More talks between the class and the teachers
- To make maybe some quizzes just to make it interesting for the students.
- More breaks

Lessons I learned from this academic research:

How to access third party sources:

How to use Google forms to crate surveys

How to use Excel to create graphs and charts.

Conclusion

Although out this report, primary and secondary research was shown to find and search many parts of virtual learning environment used by the university. The results of the research was collected, stored and examined with the help of suitable software tools and provided recommendations to improve the services of VLE.

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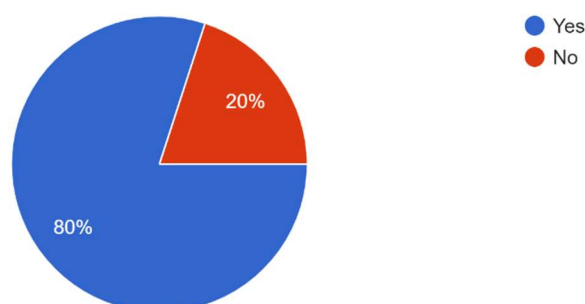
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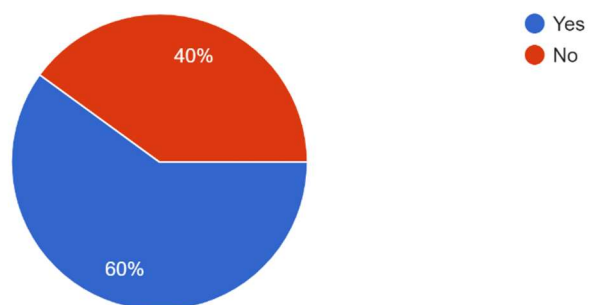
Appendix:

Q1.Do you have an experience in relation to the usage of Virtual Learning Environment?
10 отговора



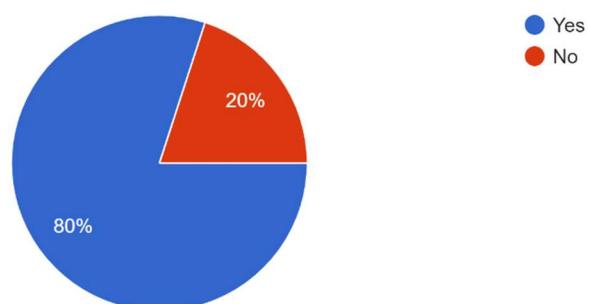
Q2.Do you prefer to use VLE for your higher Studies?

10 отговора



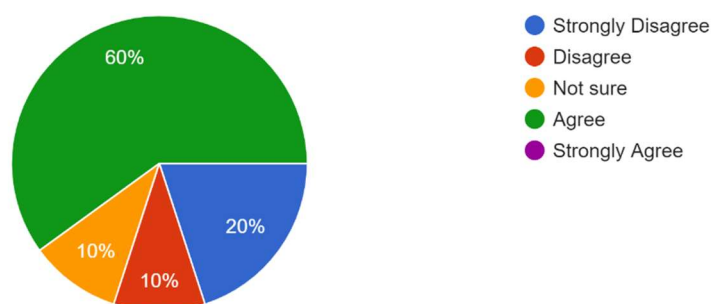
Q3. Did you have proper training to use University VLE for your studies?

10 отговора



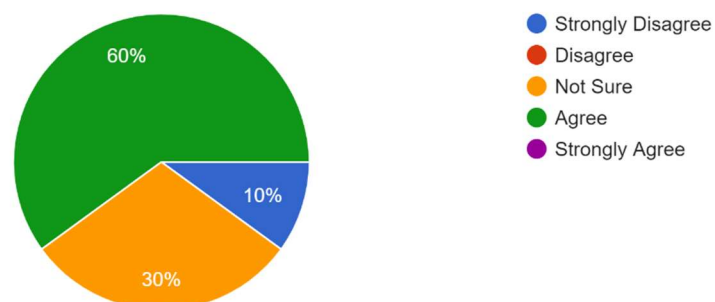
Q4Would you like to see that the university continue to use VLE Platform after pandemic as well?

10 отговора



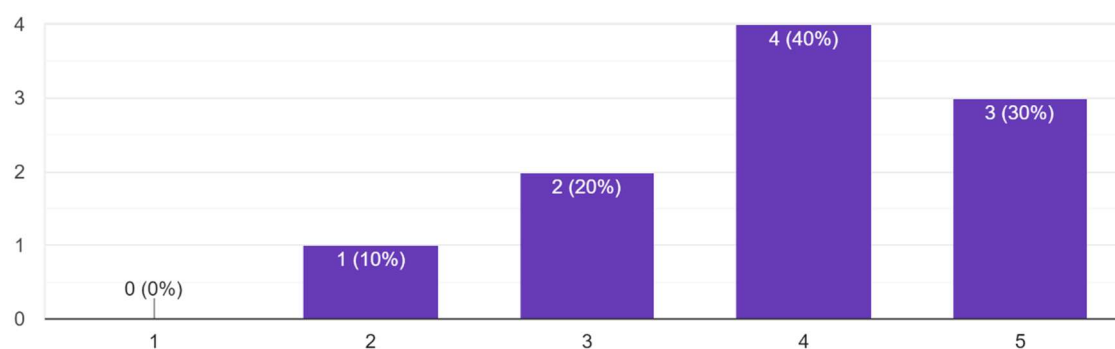
Q5. Do you prefer to communicate with your lecturers and your friends via VLE?

10 отговора



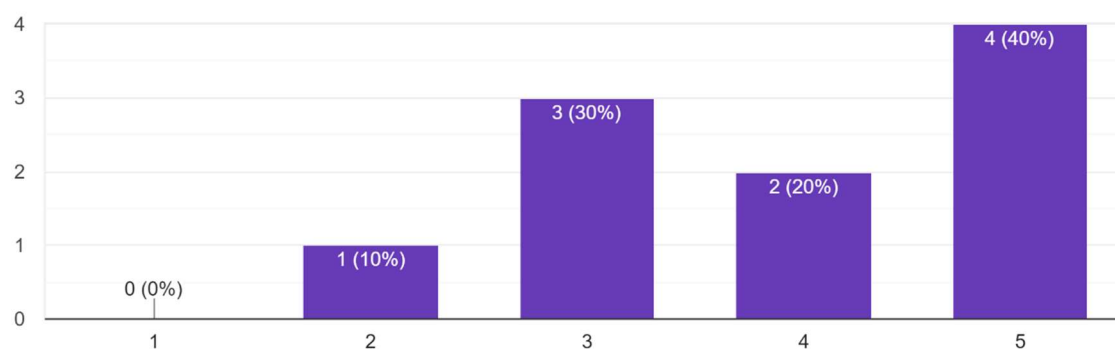
Q6. Please rate the impact of the online learning platform on your academic studies during the pandemic.

10 отговора



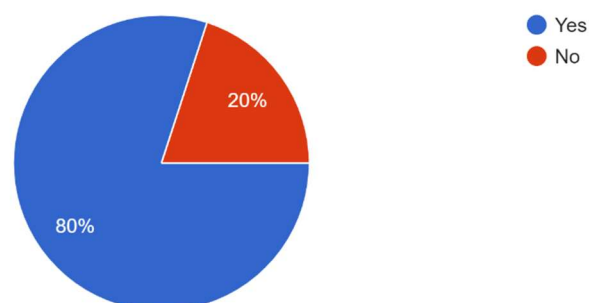
Q7. Please rate your preference to do your studies in VLE.

10 отговора



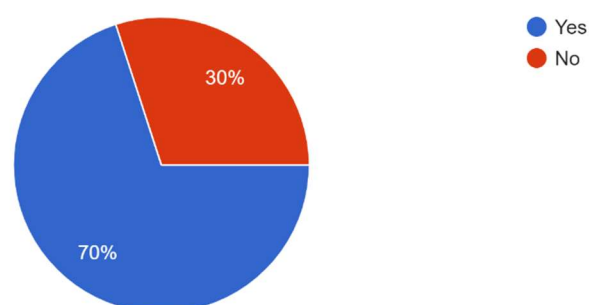
Q8. Does university e-learning platform provide appropriate support to complete your assignments?

10 отговора



Q9. Do you find required and appropriate resources in VLE for each module which you study?

10 отговора



Q10. Since lockdown, how satisfied are you in relation to the support which you received from lecturers, university admin and management through VLE towards your studies?

10 отговора

