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BMSW4003

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Introduction to virtual learning environment

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Introduction

The main purpose of this report is to investigate and understand Virtual learning environment and how it is being use along with its effectiveness towards learners around the world , to identify the impact of VLE, the benefit of VLE for students and an the challenges of VLE within the university of wales trinity saint David .by conducting a secondary research on VLE I will then create a survey of questions distributing to students in order to gain a better understanding of how useful VLE is to them and if they will recommend the use of this type of service that is being provided to students within colleges and university an if it meet the needs of users of Moodle within the university and the benefits.

Background

What is VLE ?

VLE learning is a computer based system that helps the learning environment ,it is a collection of software data tool that help in supporting the academic teaching nationwide, this helps in providing users with the ability of easy communication .VLE /virtual learning environment has now become an online learning platform I higher education nationwide .VLE has been described as a function which provides all kind of benefits being offered with particular references to the subject of economic. Although it is difficult to determine how long VLE has been around in the year 2000 VLE started to be introduced in education setting and was increased through the years while different surveys has been conducted proving evidently of great development .since march 2020 after the covid19 has forced the country to go into lockdown VLE has become more popular in colleges and university around the

world as the main source of learning . A good-quality induction and early use of the system is essential when ensuring a positive attitude to the VLE learners. VLEs is being used more effectively by more advance learners, especially those woes are in a higher level of learning. Younger learners in the colleges surveyed routinely used their VLE for administrative purposes and went further if the material was good. Although young people use computers and the internet routinely in their personal lives, for instance on social networking sites, there was no great expectation on their part that a VLE would replace a significant part of their face-to-face learning

Some benefits that VLE give students are :

- Helps to improve and at the same time motivate students .
- Helps to allow students to go back and keep up to date with any work the may have missed.
- Provider a better pace of learning .

How can VLE support teachers and learners ?

- Communication between students and lecturer –wider range of discussion which support various types of communication between both party.
- Share group work and ideas – allows students to upload and share files of group work .

- Support for students- provision of support from lecturer to students with answers to any questions that may be asked.
- Student tools –which allows students to upload course work ,also offering diary for students .

All of these has been proven effective while using the VLE. Although VLE has been effective within the learning environment it too has its advantages and disadvantages.

Advantages	Disadvantages
Delivering online material easily .	Can become compact with materials that is not meant to be delivered online .
Easy to manage /use by both student and lecturer .	Considering the copyright and IPR materials .
Offer flexibility and support for student and lecturer .	Carefully planning to avoid any overload.

Active and independent learning for both learner and lecturer with potential of new ideas .	Appropriate guide and support for both student and educator.
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Aims and objective

Aim

- To gain better knowledge and understanding about VLE
- To understand the effectiveness of VLE by conducting a primary research approach .
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Objective

- To conduct a primary research that shows how university are using this technology
- To conduct an online survey to collect information of how wales trinity saint David is using this data technology

- To understand from the survey the effectiveness and the impact of VLE

Method

To understand the use of VLE I have conducted a secondary research approach by doing internet research ,looking at articles and going through the university library collecting quantitate and qualitative data providing information on the use of VLE and its effectiveness . By doing a primary research I have also create a questionnaire survey to distribute among my fellow class member to collect information on how well VLE has been working for them and its effectiveness towards their studies .

Here is a copy of my survey that I have provided my class mates with in order to collect information of the effectiveness of VLE

1. Do you think virtual (VLE) learning is a great way for learning?

Agree	Strongly agree	Disagree	Unsure	Strongly disagree
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2. Do u believe that the information being provided to you by Moodle is effective in your learning process?

Yes	No
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3. Do you think in current situation online learning is being encouraged, and VLE has been able to capture most if not all the advantages of tradition learning?

Agree	Strongly agree	Disagree	Unsure	Strongly agree
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4. Is trust worthiness of virtual learning environment an important factor for adoption?

Yes	No
-----	----

5. Do you think VLE –Moodle help to enhance student learning?

Yes	No
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6. Virtual learning has helped in development of student receiving and giving information

Agree	Disagree	Unsure	Strongly disagree	Strongly agree
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7. Do you think VLE can be improved in the future for farther experience?

Yes	No
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8. Do you find it difficult when navigating the (VLE) Moodle platform?

Agree	Strongly agree	Unsure	Disagree	Strongly disagree
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9. Do you think there is any impact of the VLE learning experience?

Yes	No
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10. Do you receive the right kind of information from VLE Moodle?

YES	NO

Effectiveness of survey

By creating this survey it gives learners a clear idea of expressing themselves towards the VLE learning by answering the questions according to their understanding of VLE and if it works for them or not .

Here is one of the questionnaires that I received back with highlighted answers showing the effectiveness of VLE

1. Do you think virtual (VLE) learning is a great way for learning?

Agree	Strongly agree	Disagree	Unsure	Strongly disagree
-------	----------------	----------	--------	-------------------

2. Do u believe that the information being provided to you by Moodle is effective in your learning process?

Yes	No
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3. Do you think in current situation online learning is being encouraged, and VLE has been able to capture most if not all the advantages of tradition learning?

Agree	Strongly agree	Disagree	Unsure	Strongly agree
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Agree	Disagree	Unsure	Strongly disagree	Strongly agree
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7. Do you think VLE can be improved in the future for farther experience?

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8. Do you find it difficult when navigating the (VLE) Moodle platform?

Agree	Strongly agree	Unsure	Disagree	Strongly disagree
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9. Do you think there is any impact of the VLE learning experience?

Yes	No
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10. Do you receive the right kind of information from VLE Moodle?

YES	NO
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With the questionnaire result it show for itself that users of VLE strongly agrees with the use of VLE and finds that this data works effectively for them .this user has shown his/her answers by highlighting which answer best meet their learning needs with VLE.

Results of survey

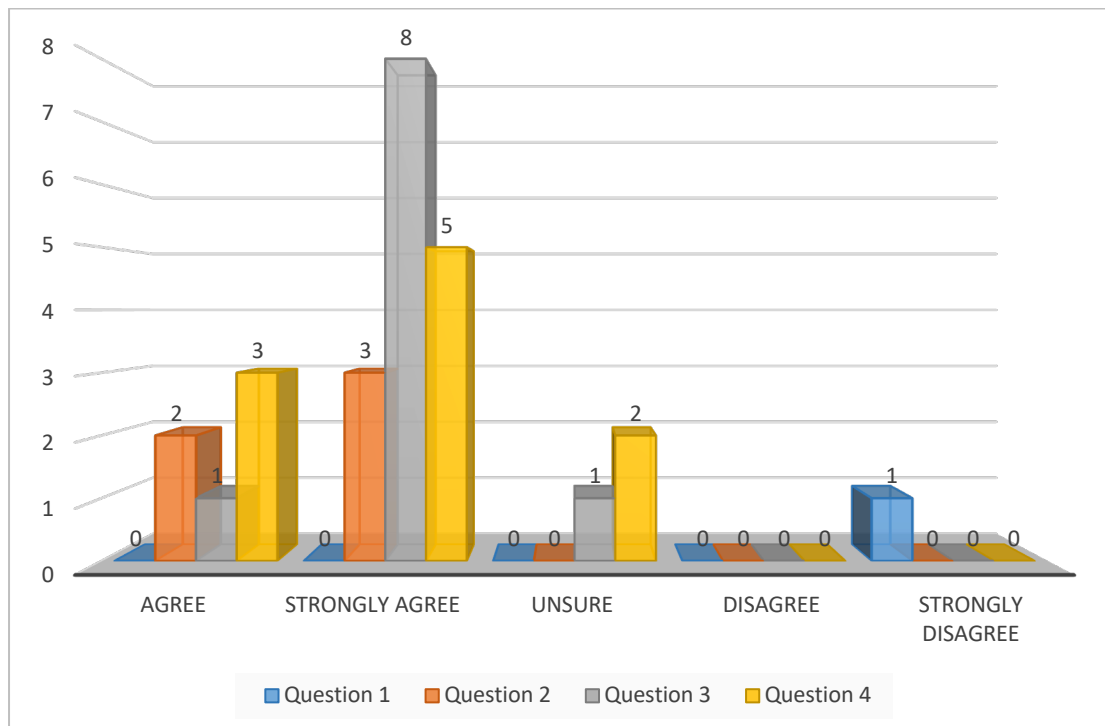
Here is a table of the result of all survey and the result of the use of VLE .

Questions	Agree	Strongly agree	Unsure	Disagree	Strongly disagree
Question 1		0	0	0	1
Question 2	2	3	0	0	0
Question 3	1	8	1	0	0
Question 4	3	5	02	0	0

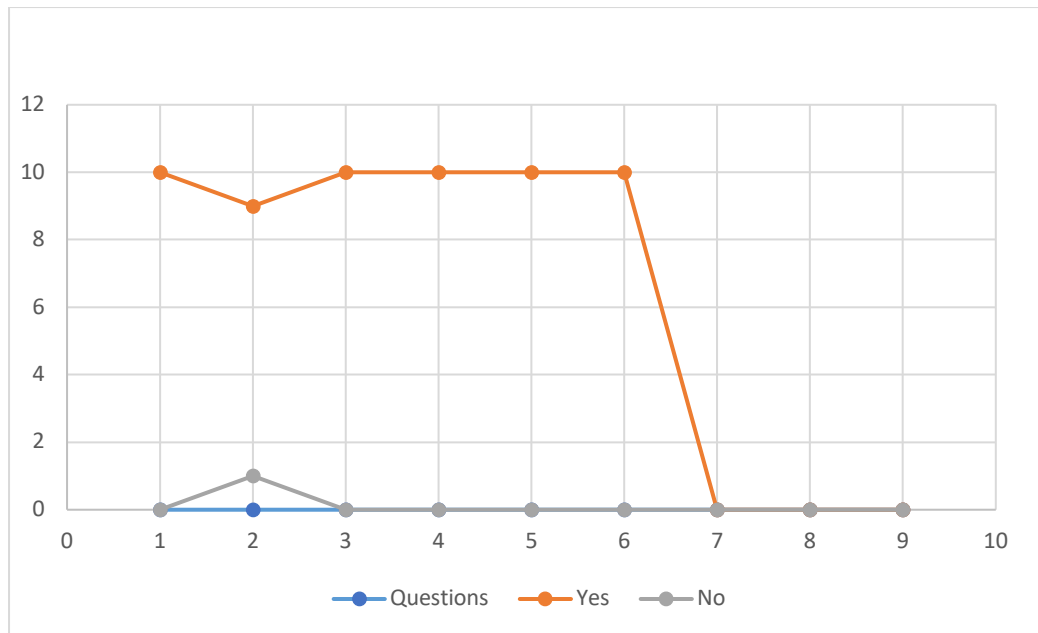
This table shows the result of the answers received from students showing the effectiveness of VLE with the option of stating whether they agree ,strongly ,unsure ,disagree or strongly .as the result shows most of the students have strongly agree towards using VLE.

Questions	Yes	No
Question 1	10	0
Question 2	9	1
Question 3	10	0
Question 4	10	0
Question 5	10	0
Question 6	10	0

By also providing yes or no questions to the students to determine if VLE will be recommended by them and the table evidently show that most of the student have answered yes stating that they will recommend the use of VLE.



I have created this chart based on part of the result of my survey which shows that most kids strongly that VLE is effective towards their learning and best meets their learning needs .



This part of the result highlight that most of the students enjoy using the VLE date and is more likely to recommend the use of this learning style .

Discussion

Over all by doing this research I believe VLE has proven to be effective to most student, as the survey shows VLE is working well for students and teachers in one way or another, during this investigations about the effectiveness of VLE I have learned that VLE is used worldwide because of its effectiveness and the fact this is easy to use makes users work load more easier .

Since the effect of the covid19 colleges and university has been forced to close leaving the online platform for the learning of students ,while some find this learning style difficult I have learn to adapt to the learning style although some difficulties presents itself sometimes when trying to access the online channel for classes I have manage to adapt to this way of learning .

I find that after the covid19 and the different learning style it gives a great deal of advantages such as me being able to save money from traveling and buying lunch, I get to spend more time with family and relax more.

Conclusion

By conducting a secondary search and collecting data of VLE I have identify the effectiveness of VLE and gain more knowledge of how this data is being used by students and lecturers around the world .This report gives a clear understanding of VLE use and how users can work with this data.

References

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