



Digital Skills And Research Methods

BMSW4003_LON

University of Wales Trinity Saint David

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Resit / Rework with Lecturer – Dr Lizeta Demetriou

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Subject

The impact of virtual learning environment (VLE) UWTSD.

Abstract

The research that follows will explore various aspects of how University of Wales Trinity Saint David students learn. Also, I will explore how virtual learning impacts students' learning experiences.

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1)Introduction

This report will present the findings of a study investigating the effects of VLE on students' experience at the university of Wales Trinity Saint David.

What is a virtual learning environment (VLE), exactly ? (Learning Ladders Education, 2020)

An online based design place for teaching and learning is known as a virtual learning environment (VLE). A VLE is a platform for offering digital access to educational materials used in the classroom. Those methods include PCs and mobile devices (tablets or phones or even games consoles). The majority of VLEs are developed by a specific educational institution. a school, a college, or a university, as example. The institution will then make decisions based on the requirements of its personnel and students. Some VLEs are designed to be used by any learners, regardless of their connection with a "real life" academic institution. This kind of VLE is a way to give online courses for free in some circumstances or to offer them to anyone who wants to buy them, (Learning Ladders Education, 2020).

In the present day, virtual learning has become more popular in schools and colleges, (Google Books, 2019). Due to its numerous advantages, virtual learning is now simpler and more practicable for teachers and students. In the classroom, teachers are better able to provide students with a positive learning atmosphere. Over the past two years, online classes and remote learning have become more popular. The use of technology has been placed in place during these times to give the student a learning experience with no compromise,(Ryan and Poole, 2019).

Also, The report below will cover numerous aspects of where and how University of Wales Trinity Saint David students learn virtually and what is impact of VLE.

2)Literature review

The growth of the modern learning experience depends on virtual learning. All industries and sectors are implementing new technology as it continues to advance. The educational field must also evolve with time and adopt the usage of cutting-edge tools to raise the standard of education. Better technical tools and equipment can be used to further enhance the students' educational experience, (Engineering Education, 2012). Both the students' ability to study and the teachers' ability to give the students a better education will improve. The teachers must guarantee that the educational standards are upheld by making the best use of the resources at their disposal, (Learning, Media, and Technology, 2022)

It is important for students to make the most of their study time both inside and outside of the classroom. Students can use virtual learning technology to learn more effectively. Thanks to many various components like projectors, virtual reality headsets, and different adaptive learning technologies, students can receive a proper education in the classroom. These components also help the students to make the most of their time in the classroom. Virtual learning technologies are easier for teachers to use in the classroom to educate students, (Learning Ladders Education, 2020)

Utilizing modern technological resources allows individuals to increase their productivity in different sectors. One of the most important parts of a person's existence is the educational system. As teachers provide the students with the necessary tools, the pupils gain knowledge and become more adept at learning and understand the subjects being covered in class. In the classroom, teachers could provide lectures to students on a wide range of topics to help them develop new skills. Both teachers and students can benefit from using technological resources. When technological components are included, students can understand the subject better. Giving lectures in the classroom is thought to be more effective by teachers. As students are educated in the classroom utilising virtual learning technologies, the quality of education rises,(Ryan and Poole, 2019).

Each student has a different level of understanding when it comes to a lesson. While some students may find it simple to understand the subject under discussion, others may find it challenging. To ensure that all students fully understand the lectures, it is crucial to develop a virtual learning environment in the classrooms. The pupils may have different explanations of the teacher's teachings. Some students might understand the message, while others might not understand fully. This issue can be resolved via virtual learning, which will allow all students in the classroom to correctly understand the subject under discussion,(Meer, 2013).

The availability of libraries at universities is a crucial component in enabling students to achieve their full potential. Students benefit from the library's resources to make their academic experience better. A well-organized library facility is required on university grounds. The library's resources must be accessible to students throughout reasonable hours. To increase the students' commitment to their classes, library facilities must be available, (Caprara and Caprara, 2021).

3)Research Question

This report aims to answer the following question:

What is the effect of the Virtual Learning environments on students' experiences at the University of Wales Trinity Saint David ?

The questionnaire has been designed to get the students' opinions on how virtual learning is used in the classroom and how the students themselves find virtual learning tools effectiveness. The majority of responders provided straightforward answers to the questions.

4)Methodology

4.1) Participants

Students of UWTSD were participating for survey. 30 students been contacted via email and to another 20 have been given a leaflet directly. Whole proses was straight forward and simple. Out of 50 students 15 students gave their opinions on how Virtual learning is used in the university and what are impact of using Virtual learning tools.

4.2) Research questionnaire

In order to conduct research , I prepared some survey questions (Please see appendix).The research will examine a number of facts of how students learn. I will also look at how students learning experiences are impacted by virtual learning.

4.3) Questions and answers (1 sample out of 15 responses)

Student Name: **Abdus Salam Jabedur Rouf**

Student ID: **2115534**

Module Name: Digital Skills and Research Methods (SFTW)

Subject – The impact of virtual learning environment (Moodle) UWTSD

Person 1

Question 1: Do you know about the virtual learning environment (Moodle)?

Answer - Yes

Question 2: Do you use Moodle for your study?

Yes

Question 3: How many hours a day you spend to use Moodle?

About two hours

Question 4: In scale of 1 to 10 how satisfied are you using Moodle? (1 being Extremely Dissatisfied, 5 and 6 being satisfied and 10 being Extremely Satisfied).

1	2	3	4	5	6	7	8	9	10
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7

Question 5: Do you think Moodle is impactful for your study?

Yes, positive impact on our study.

Question 6: Do you find using Moodle Easy, Hard, In the Middle or Not sure??

Easy

Hard

In the Middle

Not Sure

Question 7: Do you think you can find everything you need for your study on Moodle?

Not really everything. We have to search different source for some part

Question 8: Would you recommend someone else to use Moodle?

Yes

No

Question 9: If you have any other comments about Moodle, please note here.

University could put more information to make Moodle more understandable And clearer information to study properly.

4.4) Data collection

The data used to collect the opinion of students about VLE which collected from the UWTSD campus by using leaflet and sending Email to students of UWTSD. The questionnaire has been designed to get the students' opinions on how Virtual learning is used in the classroom and how the students themselves use Virtual learning tools. The subjects of the questions were clearly explained to the respondents. The respondents answered the questions directly and clearly. The respondents were questioned regarding their present academic study at the university and the many facets of their experience there. They were also questioned regarding the quality of the university's Virtual learning environment, ,(Ryan and Poole, 2019).

The raw data were explained using straightforward statistical techniques. The gathered information was sorted in accordance with its merits. To ensure that the examination of the data is convenient, the data was methodically prepared. The responders provided concise comments, and the responses were skilfully structured to allow for the drawing of the appropriate conclusions,(Meer, 2013).

5) Results

Questions	Results
Do you know about the virtual learning environment (Moodle)?	Yes - 15 No
Do you use Moodle for your study?	Yes - 15 No
How many hours a day you spend to use Moodle?	1 hour - 8 2 hours - 3 3 hours - 2 Variable - 2
In scale of 1 to 10 how satisfied are you using Moodle? (1 being Extremely Dissatisfied, 5 and 6 being satisfied and 10 being Extremely satisfied).	Extremely Dissatisfied - 2 Satisfied - 1 Extremely satisfied - 12
Do you think Moodle is impactful for your study?	Yes - 12 No - 3
Do you find using Moodle Easy, Hard, In the Middle or Not sure?	Easy - 8 Hard - 4 In the middle - 2 Not sure - 1
Do you think you can find everything you need for your study on Moodle?	Yes - 10 No - 5
Would you recommend someone else to use Moodle?	Yes - 13 No - 2
If you have any other comments about Moodle, please note here.	Comment - 5 No comment - 10

6)Summary

1. From the results of question 1 we can see that majority of the results was 'yes'. Implying that students are aware of the online virtual learning service.
2. The results of question 2 was 15/15 answering 'yes', showing that all students know what Moodle is.
3. Students were asked how many hours they spend using Moodle, the majority said, '1 hour', and some between 2 to 3 hours. The rest of the responses said varied.
4. Students were asked how satisfied they were using Moodle, the majority answer 'Extremely Satisfied'.
5. This question asked students if Moodle is impactful to their studies, most answers were 'yes'.

6. Question 6 asked students if it is easy or hard to use Moodle. Majority said it is 'easy', some say it is 'hard' and the rest are either 'in the middle' or 'not sure'.
7. This question asked students if they are able to find everything they need on Moodle, 10 answers 'yes' and 5 answered 'no'.
8. Question 8 asked if students would recommend Moodle to others, most said 'yes' and the rest said 'no'.
9. The final question asked students if they have any further comments to add. 10 students did not have any other comments to add. The others who had to add comments were mixed. Some mentioned that students should use Moodle to study, some said most of the content is being taught by the teacher and Moodle is difficult to use, some said Moodle is very easy to use and simple to understand.

7)Conclusion

Overall, we can understand from the results that majority of student are aware of online virtual services and use it to study. It is easy to use by majority of students, but some find it difficult to use. However, although it is difficult for some to use, Moodle is still used by all students to study.

Resources abound at University of Wales Trinity Saint David that support creating the ideal atmosphere for education. The classroom lectures that are presented have an impact on the students' learning experiences. When virtual learning techniques are used, lecturers can give more effective lessons,(Meer, 2013).

8) References

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9) Appendix

Research questionnaire

Student Name: **Abdus Salam Jabedur Rouf**

Student ID: **2115534**

Module Name: Digital Skills and Research Methods (SFTW)

Subject – The impact of virtual learning environment (Moodle) UWTSD

Person

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Answer -

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Easy

Hard

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Not Sure

Question 7: Do you think you can find everything you need for your study on Moodle?

Question 8: Would you recommend someone else to use Moodle?

Yes

No

Question 9: If you have any other comments about Moodle, please note here.

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