

E-learning environment

BMSW 4003_LON

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Abstract

As Vlasich, said in (2010), learning and humanity as been changing together and constantly throughout the history, since the communities started to settle down, where they will be passing basic knowledge of daily surviving routine, passing to oldest civilization, such us, India, Persia, China and Greece... where they gave also more importance to the transmission of religion and traditions, in this last community and with the auge of philosophy more rational thinking was rising up too.

After that during the Middle Ages, there was an auge of how to combine some of the philosophic studies with the religion, bringing universities and furthermore studies to the grid

Knowing this as the beginning of learning and how this is the transmission of common knowledge, we arrive to nowadays and how VLE, or Virtual Learning Environment, which will be the case study in this report and how likely is the people to learn through internet.

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Introduction

This paper will speak about some questions made to a group of students from campus and what is the impact of e-learning environment, if it is affecting in their studies and lifestyle. This report will analyse how confident they are, if this is the first time using one of these methods of study and how complicate or easy has been since they started.

The questionnaire was pass it on week 6 during the lectures and thanks to the professor who granted us, student, permission to give questions away and collect the data to make this report.

A virtual learning environment is an online-based platform that offers students and professors digital solutions that enhance the learning experience. Unlike a virtual classroom, which is meant to replicate and replace the physical classroom environment for distance learners, a virtual learning environment. A virtual learning environment refers to a system that offers educators digitally based solutions aimed at creating interactive, active learning environments.

Top Hat (n.d.)

Rationale

For the rationale of this report, we are going to start talking about what is a questionnaire? "A questionnaire is a research instrument that consists of a set of questions or other types of prompts that aims to collect information from a respondent. A research questionnaire is typically a mix of close-ended questions and open-ended questions".

Question pro (n.d.)

This survey was carried as said before on week 6, with the help of the professor with the purpose of making this report at the end of the term and be able to get and understand data from different sources and being able to build up a report based on. The survey I am going to analyse is a mixture of open and close questions that brings up people's thoughts on the paper about learning through *Moodle*, platform given by University trinity saint David, to all student, how happy are they with it and what are the difficulties they might have found.

Literature review

As this report is based on a questionnaire, I have been searching for some information about it, and how to get the right question to acquire the right data. Question pro (n.d.) gives a tool to make your own questionnaire, regardless we made ours in class. Although some tips to be review for future works such us, more detailed information of the advantages of making a question can be see as: the speed, and the cost reduce, how same questionnaire can be pass to a different group of the same organisation, and how will provide the same quality of data, design, distribution, and post respond data analysis, animosity. This are some of the key positive sides of a questionnaire that helps to collect quality data, as per this report.

Moreover, when talking about good characteristics of a questionnaire, there are three essential steps to follow.

- Uniformity: “Questionnaires are very useful to collect demographic information, personal opinions, facts, or attitudes from respondents.” The way all customers see the same questionnaire and relate to the same topic, helps on how this data is process later.
- Exploratory: “It should be exploratory to collect qualitative data. There is no restriction on questions that can be in your questionnaire.” Open questions that help you to understand the respondents and get more information on their practices, more structure questionnaire will cape the data collected.
- Question sequence: “It should be exploratory to collect qualitative data. There is no restriction on questions that can be in your questionnaire.” How the questions are based on the paper will guide and induct the respondent to follow up with the next questions.

Question pro(n.d.)

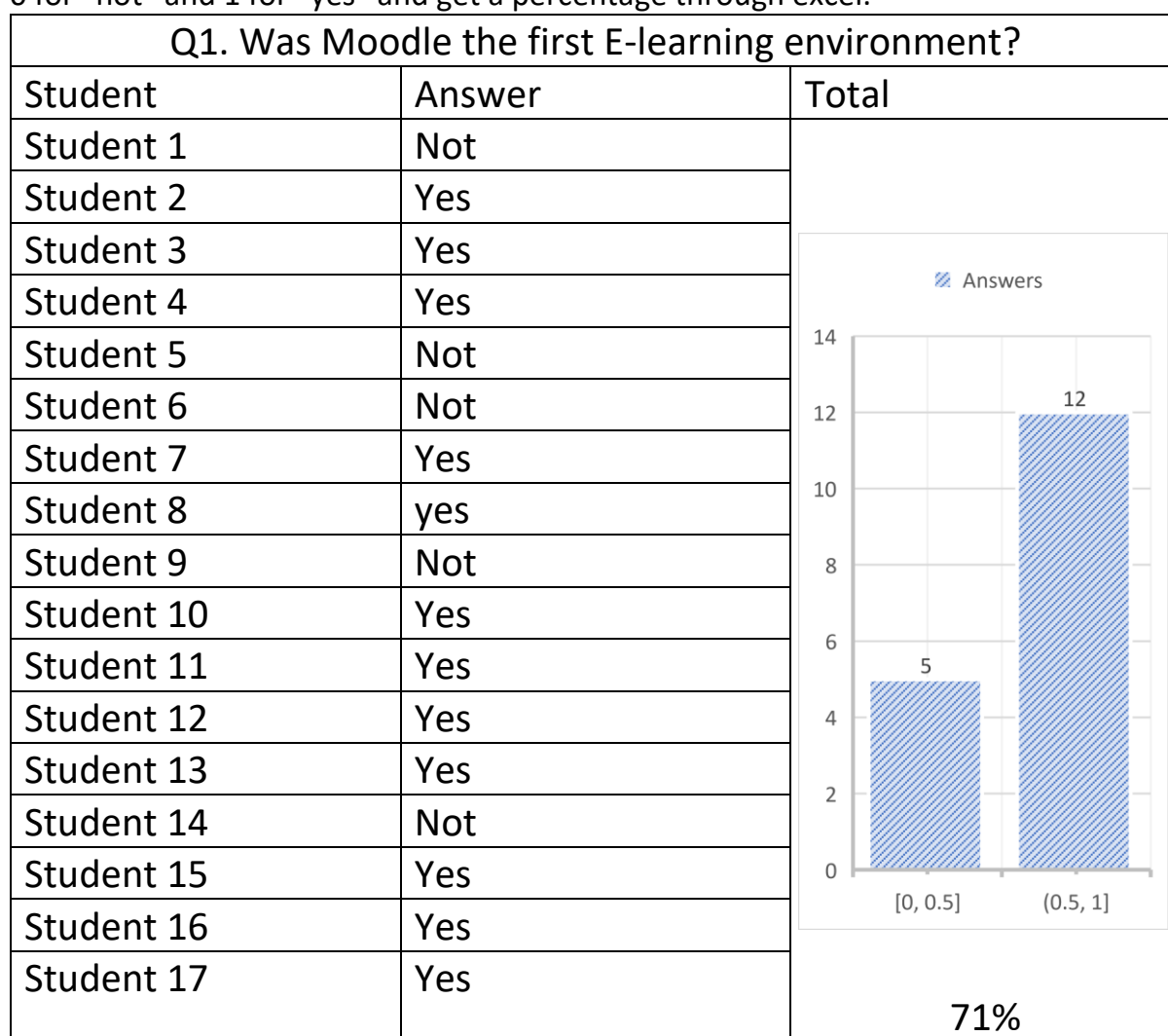
Research Methodology

This report is based on the questionnaire made for a group of students at University of Wales trinity saint David, this group was formed by 17 different students from different classes, nationality, gender, and age. Knowing the population is above 2000 student in the same campus this is just an indicative result, that get us close to an overall opinion, from different generations.

Data analysis

Q1. Was *Moodle* the first E-learning Environment?

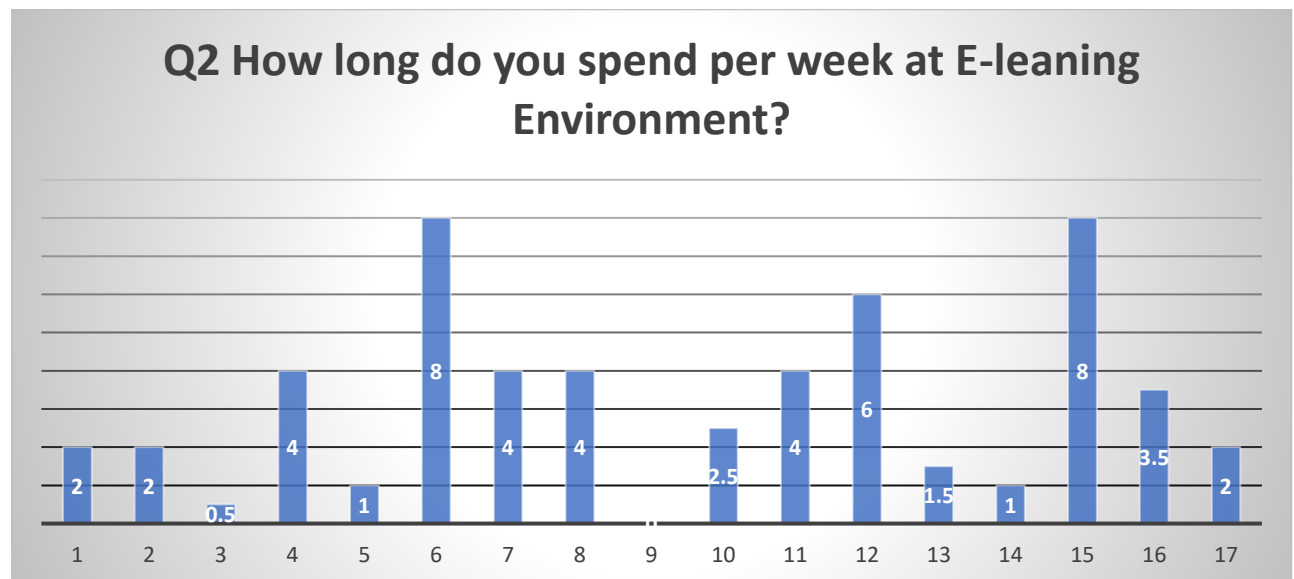
The answer to this question brings a 71% of the population have used before an E-learning environment, what indicates that this sort of platform is becoming more common. To the words “yes” and “not” I have given a value to create the chart as in 0 for “not” and 1 for “yes” and get a percentage through excel.



Q2 How long do you spend per week at E-leaning Environment?

when asking to the respondents about this question everyone gave their point of view and brought a lot of confusion, not all of them answer in the same measure or following the week word, so I had to convert the numbers into the same unit, lesson learnt, next time on the question all these details will be specified to bring more uniformity to the questionnaire.

The data is read hours/week.

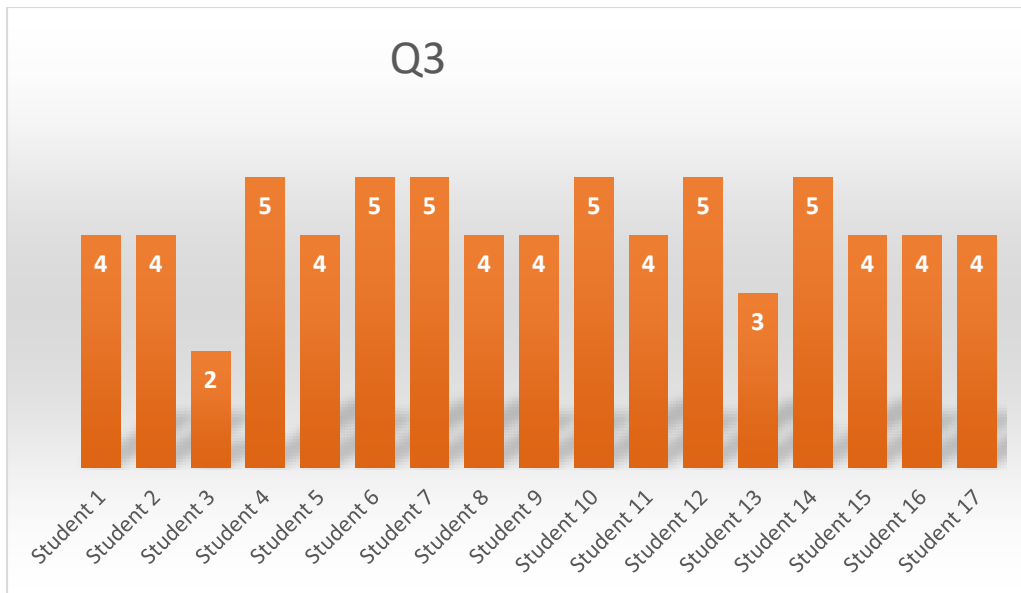


Around a 70% percent of the student declared that they spend 2 hours or more at *Moodle*, and an average of 3.18 hours, across the population asked about it.

Q3 How will you describe your experience with E-leaning Environment in this course?

For this question the student found a grid with some number that indicated and reflect the grade of satisfaction as you will see now below.

1. Not like it	2. Somewhat like it	3. Like it	4. Good	5. Great
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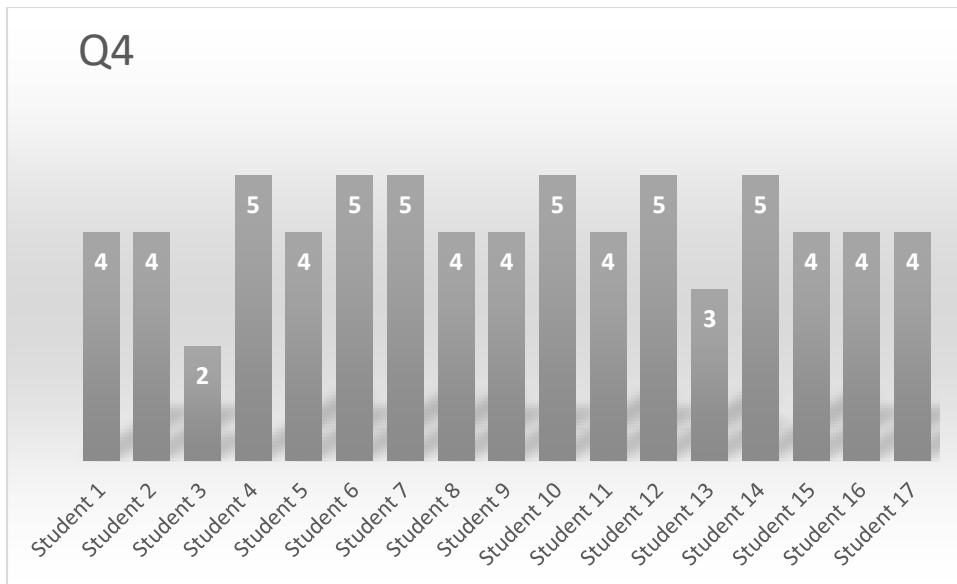
Those are the result.

The experience with *Moodle*, is on 4.18, which indicates the students asked are happy with the platform, knowing this we know two facts, the performance of the system is good and how the individuals are going to work towards it will be beneficial. In most of the cases.

Q4 How will you describe the impact of E-leaning Environment in this course?

When the students talk about the impact of Virtual learning Environment, *Moodle*, they strongly believe with a 4.29% that the platform is helpful.

1.Prefered not to answer	2.Not so good	3.Average	4.Good	5.Great
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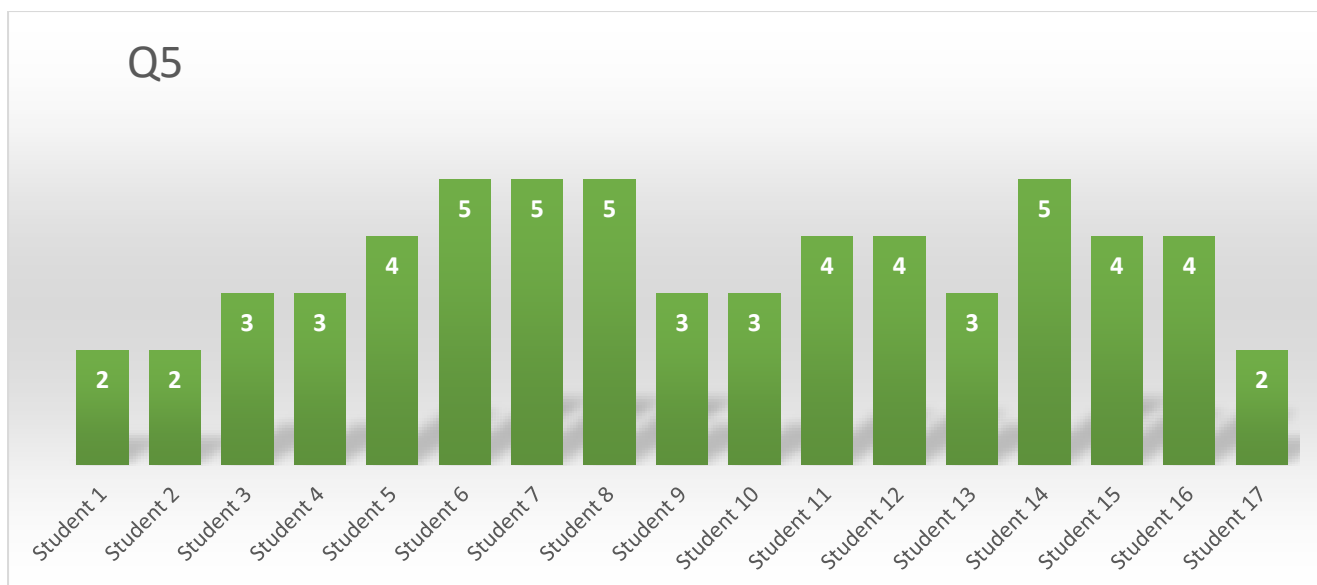


Those were the answer provided to answer and as the chart shows, the students are happy of having *Moodle*, as a guide and reference.

With these results we can see how the people is most likely to implement new technologies on their daily basis for a learning purpose and how the flexibility of having access to the content at any time help through the process of different student situation.

Q5 How hard did you find E-leaning Environment?

Although, the good results from before, this does not mean, student have enjoy the process of learning how to use *Moodle*, in fact a big number of them had found not so easy to work with this platform, we have here a 3.59 average of satisfaction, number sound good but in the other hand 48% of them is a huge number in a small population so it means it can be a bigger number if we open the picture.



1.Extremely Hard	2.Hard	3.Average	4.Easy	5.Very easy
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9 out of 17 students find it easy or very easy, is still a good impact but when talking about learning and this number should have been bigger, due the massive impact of the platform for the course, maybe few more courses and some time during lectures for this might have help to increase this percentage.

Q6 What do you think about the nowadays impact of E-leaning Environment?

When making open question to the group, I do not know if there was a lack of understanding or not enough engaging in the sequence of the question, as not many people answer right to it.

All the good answer referrer on how easy is to access from anywhere to the data store in the platform and how this help to study on the go, helping them to improve the time management and how to use both more effectively.

Q7 What do you think university could improve E-leaning Environment?

Once again, the answer was poor, so the information has been reorganising in a way that can have some value for this research.

Some of the student find *Moodle*, good enough has they do not have experience with any other platform of the same kind, some of them says that is not intuitive enough or how convenient is for them as access is so easy.

Conclusion

The results obtained in this questionnaire, seems good, although you can see from a big percentage of the population asked, the lack of understanding of the language, which is if not the most important one of them. That is my major concern towards my colleges in this module, regardless they belong to another group is an important number how most of them they do not know what the questions are about.

Moreover, we can see how VLE is helping them in another aspect of their life, with the flexibility that the platform gives they are able to manage their time better to succeed, which is important, more than knowing or not the language, that will come with time if the put some effort on it and with the helps of the constant work on it.

References

Vlasich De la Rosa, L. (2010) "*Historia de la educación Conclusión, reflexión, análisis o resumen*". Available at: <http://historiageneralde laeducacion.blogspot.com/2010/03/historia-de-la-educacion-conclusion.html> (Accessed on 04.01.2022)

UWTSD (2021) "*Week 6- Data Collection Techniques & Designing Questionnaire*". Available at: <https://moodle.uwtsd.ac.uk/course/view.php?id=6959> (Accessed on 10.01.2022)

Question Pro (n.d.) "*Questionnaires: The ultimate guide, samples & examples*". Available at: <https://www.questionpro.com/blog/what-is-a-questionnaire/> (accessed on 04.01.2022)

Babic, S. (2011) "*E-learning environment compared to traditional classroom*". Available at: [https://www.researchgate.net/publication/221412740 E-learning environment compared to traditional classroom](https://www.researchgate.net/publication/221412740_E-learning_environment_compared_to_traditional_classroom) (Accessed on 10.01.2022)

Dudosvkiy, J. (2011) "*Questionnaires*". Available at: <https://research-methodology.net/research-methods/survey-method/questionnaires-2/> (accessed on 10.01.2022)

Top hat Corp. (n.d.) "*Virtual learning environment*". Available at: <https://tophat.com/glossary/v/virtual-learning-environment/> (Accessed on 10.01.2022)

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Gender:

- ☐ Male
☐ Female

Age:

Q1 Was Moodle the first E-learning Environment that you have use?

- ☐ Yes
☐ No

Q2 How long do you spend per day/week at E-learning Environment?

Q3 How will you describe you experience with E-learning Environment in this course?

(1. Not like it 2. Somewhat like it 3. Like it 4. Good 5. Great)

☐ Rate your answer in the square.

Q4 How will you describe the impact of E-learning Environment in this course?

(1. Preferred Not to answer* 2. Not so good 3. Average 4. Good 5. Great)

☐ Rate your answer in the square.

Q5 How hard did you find E-learning Environment?

(1. Extremely hard 2. Hard 3. Average 4. Easy 5. Very easy)

Q6 What do you think about the nowadays impact of E-learning Environment?

Q7 What do you think university could improve E-learning Environment?

