

Running Head: IMPACT OF VIRTUAL LEARNING ENVIRONMENT (VLE)

Assignment Title: Impact of Virtual Learning Environment (VLE)

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Assignment Title: Impact of Virtual Learning Environment (VLE)

Introduction

The virtual learning environment VLE is initiated for the purpose of the students to become the active from passive learners. It is a form of a vital element of which is increasingly for the development of the critical skills into the personal development of the students (Melissa Ng Lee Yen, 2020). Such kind of active learning with the students promotes the skill thinking critical ask this word become the essential for the transfer or use of the knowledge of the classroom. That kind of knowledge in which a student will receive within the classroom the acquisition amongst their lives is critical thinking is to be taught (Abd Ghani, 2018). This research is focused on the impact of virtual learning environment VLE on the students.

Research Aim

This research aims to examine all the impacts of the virtual learning environment VLE all the students around United Kingdom.

Research Objectives

- To improve the students' skills of digitalization regarding the workplace, which is based on virtual learning environment.
- To progress the awareness regarding the importance of such analysis of Virtual learning environment
- To Improve the add environment of learning amongst list all the students in "University of Wales Trinity Saint David London Campus".

Rationale

Change in the culture of learning is the main issue amongst students these days. This change has been occurred due to the well trained teacher and implementation of new and advancement technologies within universities. This has been ensured that all the students have a lot of materials get on the Internet. That is why they do not make such kind of research related to their relevant field (Ward, and Abubacker, 2018).

Literature Review

Elements of Virtual Learning Environment

The components of virtual learning environment which are related to the course syllabus of the students. On the information related to the administration about the course

subject to the credits, prerequisites, the registration and the payment of the physical sessions and not information related to the contact for the instructor (Pirnaui, et al., 2020). The essential content of the virtual learning environment is a complete course of distance learning applications. This usually includes all the material such as Copy on the lecture in the system of text or video or audio presentations and the visual presentation for the support (Al-Azawei, and Al-Masoudy, 2020). The self-assessment and quizzes are also considered the analogue devices normally scored automatically (Do Carmo, et al., 2020). Formal kind of assessment functions such as essay writing, examinations, and the presentation in the form of projects.

Impacts of VLE on Students

The virtual learning environment has recently emerged as one of the most critical topics in the education sector (Al-Azawei, and Al-Masoudy, 2020). In an educational sector a student experience all the learning styles in the classroom in terms of lecturers is completely dependent on how well it is to be taught to them. The type of teaching in a virtual learning environment fit with the individual learning styles. Much higher education institutions are increasingly lacking and fragmenting in cohesion and unity (Majid, and Hasim, 2019). Virtual learning environment seemed to significantly improve the student's engagement in the relevant topic and the students' satisfaction whilst learning new things (Jones, et al., 2018). Learning environment has avoided range of its positive impact in terms of research sectors (Abd Ghani, 2018). They are also having an enthusiastic impact from the several contexts to improve the students' skills and knowledge regarding their learning from the digital world (Dissanayake and Alahakoon, 2020).

VLE also opened in promoting the accommodation and the reflections of the students in the field of their learning ability. However, Virtual Learning Environment is also being helping all the students to get the confidence whilst using their knowledge and the digital skills (Singh, et al., 2019). It also enhances the skills to explore more related to the relevant topic to develop the students' further understanding. VLE improves the students' readiness of learning capacity and creates further curiosity in terms of innovating the new and the effective ideas whilst using such technological advancements (Ward, and Abubacker, 2018). Although the effect was minimal, students who is being taught using VLE displayed again in developing their knowledge. These kind of increases were more significant at schools that had met the AYP target. Another significant benefit of VLE is that the students in technology-enhancement classes had higher science and self-efficacy, whereas students who are in non-technology enhanced classrooms had lower impact of VLE (Jusuf, et al., 2021).

Research Methodology

Quantitative

The collection of quantitative data is critical for the studies that entail all the use of statistical analysis for reviewing and perceptions. One of the main instruments being utilised is a quantitative approach of the data analysis and the survey conducted by the researcher related to the relevant topic. The poll has been conducted whilst studying. It is an ideal for all the small-scale embodies and researches to enables the outcomes of five researches. The advantage of quantitative research is that it allows information collection to be done quickly.

Qualitative

The qualitative technique is required for research, which includes all the collecting of human interpretations. Interviews are considered as part of the qualitative data collecting process. It is mostly made up of open-ended questions that has the main focus on displaying the quantitative data. One of the biggest downsides of qualitative research is that all the material is based on personal experiences gathered from numerous sectors and are collecting their thoughts regarding the Virtual Learning Environment, which might lead to erroneous conclusions (Abd Ghani, 2018).

Data Collection Tools

The contribution of the questionnaire is one of the instruments used for data collecting process. Six closed-end Likert scale questions has been included in this research as the relevant questionnaire. Such kind of data has been collected by the survey whilst taking both the methods of the methodologies and generating the data analysis procedure through this research.

Sample and the Sample Size

Numerous respondents participated in the data collection process, which is termed the sample size. In this research, there is a survey conducted in taking in consideration upon all the responses of fifteen students from University of Wales Trinity Saint David London Campus (UWTSD). The sample techniques of non-probability considers as the eradication of any kind of biasness in the perceptions and the assertions. This kind of sample techniques has selected in non-probability sampling research sectors. Selecting this kind of technique is because of the topics that are involved in analysing the improvement and the impact of VLE on the students. The students' learning capacity and experiences need to be established. It is the presence of any kind of partial opinion that could further determine the evaluation of the theory (Do Carmo, et al., 2020). This has only been achieved by sampling the non-probability and thus it has been justified by such implementation after the research.

Ethical Consideration

The participation of the people in the voluntary and virtual environments allows for the implementation and investigation of the research related to VLE. By doing the educational research regarding VLE, it has been found that the involvement of the students in researching the learning and teaching aspects in this virtual world is essential for this research. It is comprehend and recognised the ethical implications of researching this new invention. This study addresses classic as well as the ethical problems in the context of educational research in virtual worlds. It also discusses how the technological aspects have created new ethical quandaries in privacy protection, informed consent, and identification of the recent effectiveness of the certain topic (Pirnau, et al., 2020).

Analysis and Discussion

Primary Analysis

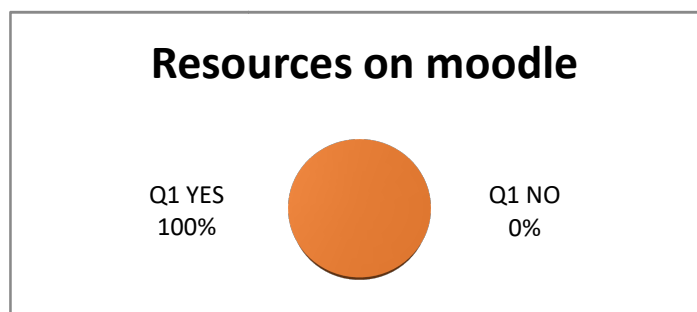
Designed Questionnaire

- Do you find useful resources on moodle ?
- Would you recommend Moodle to another students from a different university in case they did not know about it?
- Did you find Moodle hard to use?
- Do you feel Moodle should provide more information and research points For example, PDF's, books, reports to support your studies.
- How would you describe your experience using Moodle? (In a scale of 1 to 5 where 5 is extremely satisfying)
- How likely are you to recommend Moodle to your friend where 1 is not recommended and 5 is fully recommended
- How did Moodle help you in your academic study. Write in few words
- Explain the useful section of Moodle

Tabulation of Data in Likert Scale

1. Do you find useful resources on moodle ?

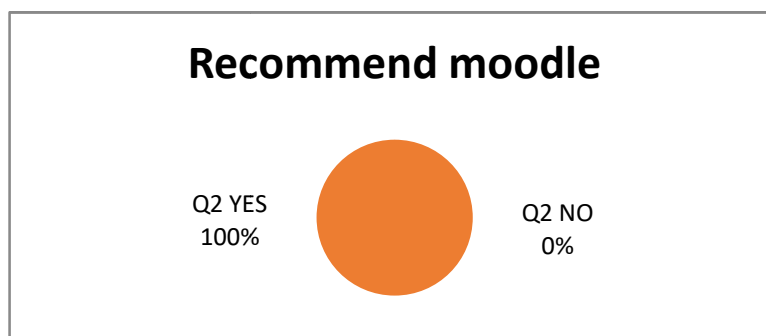
YES	12
NO	0



We can see this question all students are agree with that the moodle resources are useful.
So University management must maintain their service as usual very carefully.

2.Would you recommend Moodle to another students from a different university in case they did not know about it?

YES	12
NO	0

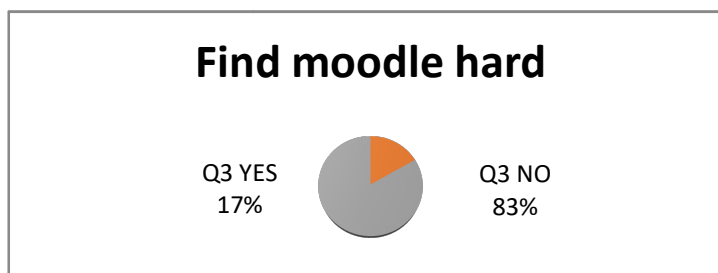


All Student agree with that they want to recommend another student from university about this moodle. In this case I can see they love their university and they want more student should come to this university for study.

Also they want their university progress because they love their university.

3.Did you find Moodle hard to use?

YES	2
NO	10



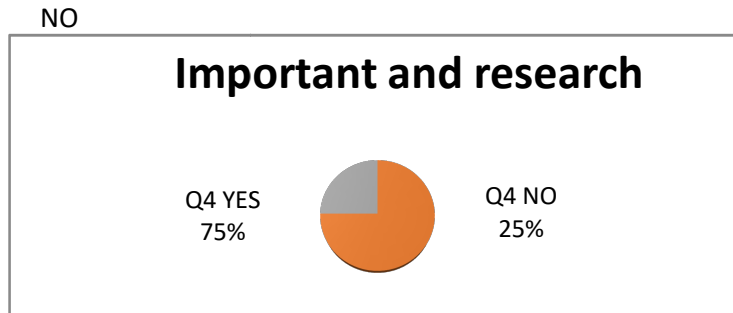
I can see within 12 students , 2 students said No and 10 said Yes.

In my openion those 2 student who says no, university should lookafret them more and give them extra time and service.

Then they can find also the moodle easy.

**4.Do you feel Moodle should provide more information and research points?
For example, PDF's, books, reports to support your studies.**

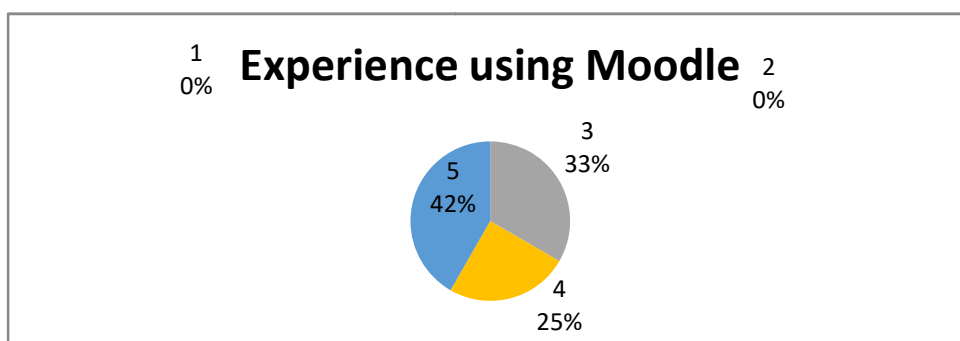
YES



75% of the student believe that they need more information about the moodle.
So I believe university must provide
more information and research point because it's helpful for the students.

5.How would you describe your experience using Moodle?
(In a scale of 1 to 5 where 5 is extremely satisfying)

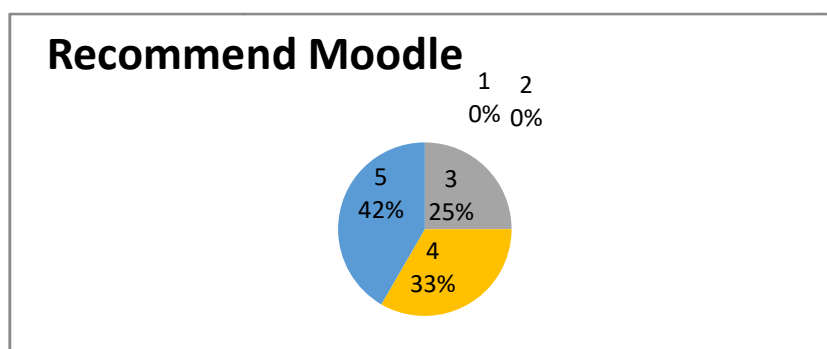
1	0
2	0
3	4
4	3
5	5



Here over data shows that 5 people said their experience is extremely satisfying.
But all other student they have mix satisfaction.
After analyse this topic, I want to say, University need to work on their moodle.
Then student will find it more easier.

6.How likely are you to recommend Moodle to your friend
where 1 is not recommended and 5 is fully recommended

1	0
2	0
3	3
4	4
5	5



After this data analysis I can see all the student want to recommend this moodle to their friend.
 So we can take this as a positive sign.
 This data is showing student learn from this moodle useful.
 Because of this student are agree to recommend this moodle to their friend.

7. How did Moodle help you in your academic study. Write in few words

so much resources

It is easy to upload my work in the university and it is proving that I am the author of it.
 It does help for sure but the information is not up to date, it should be updated regardless if students are a level 4, 5, or 6. I am spotting always information on Moodle which needs to be updated or changed and mention this to lecturers in class but nothing ever gets done and I am not sure if this is a falling of UWTSD or not.

Good resources, easy to find books, articles and information!

Useful links , module slides available to check for previous and upcoming classes and more
 Very useful

That's you can study from everywhere

Help me a lot as I can see what is the weekly exercises and a lot of more
 moodle is very helpful because it has most of the things you need on there.

I can go over the lessons again to regain the knowledge

I can access the information easily

It enabled me to research particular topics in more depth.

[After this analyse this data we can say students are satisfied about the academic study.
 But University need to find out more easy way to teach student]

8. Explain the useful section of Moodle

assessment

The lectures are always available.

The information for students to study, check about the university, I see Moodle as my guide to succeeding in my education.

Library for me is the most useful section!

If you are referring to the useful links from there i can access email , library , my tsd and contact it service desk

My modules if I missed calls I found all the course work

Flexible

News

that you can go back to the last class and look at what we learnt

Where the lectures are added so I can go through them again

Assignment section and lectures

essential reading.

[Data showing that students are happy with moodle. That's why all the student gave positive comment. Teacher is very helpful, lecturer always gives his best.
 This moodle help in my workplace.]

Secondary Analysis

This Analysis is performed based on the two components

Component 1: Elements of the Virtual Learning Environment VLE

The primary element of the package of VLE has the overall curriculum education and mapping portals, which is divided into many parts. It also might be completely designed and assessed by the sectors of VLE(Majid, and Hasim, 2019). Similarly, on the other hand, it further arguesby around the 85% students that it will support the overall achievement of the student by offering the online help the teachers and the students as well. They also usedan electronic form of communication such as online publishing, emails, multiple threaded conversations and chats. It assists all the students in performing their tasks and the lesson mapping effectively(Jones, et al., 2018). They also plan a base of mapping that describes a clear path for all the students to start the research method.

Component 2: Impacts of Virtual Learning Environment on Students

This is called the Traditional learning which is characterised as "face-to-face" learning skills. It has become an outdated approach in present world which is digitalized completely(Melissa Ng Lee Yen, 2020). The overall 85% of the students are raised in the era of digitalization and the teachers are presented them with a variety of learning techniques. However, approximately 15% of the students claimed to be the primarily expected reseource to become more effective in their skills around the world. Their professors have advised them about education(Melissa Ng Lee Yen, 2020). A detailed conversation with these 15% students is generated about how to engage the students in learning outside their classroom and the requirement to utilise the internet.

Limitations

Throughout the whole investigation, the researcher has encountered many challenges due to a lack of time, which has hampered their ability to collect further relevant data to this research material (Dissanayake and Alahakoon, 2020). The students have also encountered some financial issues from responders, as the estimated amount is spent on the core research procedure. It enables the researcher team to create a barrier during this investigation.

Conclusion

After reviewing all the research it has been concluded that the whole research process for the students at the "University of Wales Trinity Saint David London Campus" is accepted out on an active stage of VLE. According to this notion, several concerns are discovered, the fiction is chosen grounded on the belongings of VLE as well as the components on student's education. The secondary and primary investigation means are used to become the real data from all the students around the University. Numerous pieces of material are found from earlier publications whilst employing the secondary research approach. The data is being successfully analysed so that all the researchers will comprehend the general scenario that has a specific setting for these sessions.

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