

The impact of Virtual Learning

Student Name	Ketty Espirito
Student Number	2121654
Module Name	Digital Skill And Research Methods
Module Number	BMSW4003_LON
Lecturer Name	Mr Balendran Kandasamy

Table Of Contents

Introduction.....	3
Aim Of The Research.....	3
Objectives Of The Research.....	3
Literature Review.....	3
Primary Research.....	4
Research Methodology.....	4
Methodology.....	4
Qualitative.....	4
Quantitative.....	5
Sample And Sample Size.....	5
Ethical Consideration.....	6
Results.....	6
Limitations of The Study.....	7
Conclusion.....	7
References.....	7
Appendix.....	7

Introduction

VLE (Virtual Learning Environments) is accomplished for the student's progression from the passive to the active learners. VLE forms are an increasingly vital element for the critical skills development into range of the personal development. The active learning in the students promote skill of critical as essential for use or transfer of the classroom knowledge acquisition among the critical thinking. This research will discuss about the impact of Virtual Environments of the students.

Aim of the research

The aim of the study is to analyse the impact of the Virtual Learning Environments the students.

Objectives of the research

- **To improve student's skills within the workplace based on the VLE**
- **To develop the awareness of importance of an affective analysis regarding the information as well as its translation into knowledge.**
- **To improve the readiness of learning environment among the students of the "University of Wales Trinity Saint David Llanidloes Campus"**

Literature Review

The major components of the VLE are entire mappings is “Eight Dimensional E-Learning Framework”, constructive alignments in the students and Technological Framework.

According of Martelloni et al. (2018), the VLE is used for developing the awareness of this importance as the effective analysis among the students as well as it helps in improving the digital quality and skill among the students. The virtual communities by the internet in order to learn and explore more.

As explained by the ahmad et al. (2019), online communities are also becoming complement as the carrying out communications in the “real-life” by the students and teachers who are known to each other regarding the learning aspects.

Research Methodology

Mixed-Method studies have emerged from the paradigm was between qualitative and quantitative research approaches to become a widely used mode of inquiry. Depending on choices made across four dimensions,, mixed-methods can provide an investigator with many design choices which involve a range of sequential and concurrent strategies. Defining features of theses designs are reported along with quality control methods, and ethical concerns. Useful resources and exemplary study references are shared.

Methodology

The module examined in this case study is Social Work Practice and this was selected because it involves a particularly large cohort of students, and hence provides relatively robust data. This module is studied qualification study for social workers in Wales. Delivery of this module includes several face-to-face support sessions from University staff as well as employer representatives. However , a significant part of the study for the module is self-directed, with resources and support material made available on the UWTSD moodle VLE.

Demographic Information for the group examined within this case study is outlined in Table1.

Number of Students enrolled(69)

Age range enrolled students (22-60)

Gender ratio, female: male enrolled students (61:8)

Number of students who accessed Moodle page resources (50)

Period of module study march- dec (2015)

Table 1- Demographic data for module

Course participation reports were generated for the Moodle VLE site for the module involved at the end of the study period. The reports provided information on the total number of students who had accessed the module page, and the number of student views”page views” of the specific resources for each module. Page views by staff members and others were filtered out, though multiple views by the same learner(s) were retained since any student views were considered to be indicators of

VLE engagement. Since individual learners could be identified, demographic data such as age gender was available however , all data obtained has been anonymised.

Qualitative

Overall, case study, basic qualitative and grounded theory were three widely used quantitative in creativity studies.

The largest share of qualitative studies come from case studies(n=36,45%), which was followed by basic (n=21,26%). In contrast, the number of grounded theory studies was relatively small. Some examples of the qualitative (n=16,20%)were phenomenological studies and self study approach of the five published most qualitative studies. The number accounted for third of the total number of qualitative studies reviewed.

These studies published in also demonstrated a few interesting characteristics.

Quantitative

Table 2 indicated that of 510 quantitative studies, psychometric was used most frequently (n=314,62%) in the five journals, followed by experiment (n=158,31%).

Historiometry and meta-analysis combined only accounted for of all the quantitative studies. Comparatively speaking, there were more published in GCQ and ATSC showed fewer variations than those in the other three journals. More specifically, 11 out of 14 quantitative studies in GCQ used psychometric methodology and no studies employed meta-analysis.

Sample and Sample Size

Sample is smaller version of entire population that your dissertation research is about. Sample size is the number of subjects in your study.

Although sampling questions that you will have to consider as you plan your dissertation research. A part of population is called a sample. The sample is a proportion of the population, a slice of it, a part of it and all its characteristics. A Sample is a scientifically drawn group that actually possesses the same characteristics as the population if it is a sample drawn randomly.

Date Collection Tools

Data collection tools refer to the devices/instruments used to collect data, such as paper questionnaire or computer-assisted interviewing and Surveys or Questionnaires are all tools used to collect data.

It is important to dedice the tools for data collection because research is carried out in different ways and for different purposes. The objective behind data collection is to capture quality evidence that allows analysis to lead to the formulation of convincing and credible answers to the questions.

Ethical Consideration

Ethical considerations is collection of principles and values that should be followed while doing human affair. The ethical considerations make sure that no-one acts in such a way that is harmful to society or an individual. It refrains people and organizations from indulging in vicious conduct.

Ethical considerations play an essential role, especially your whole efforts of may get wasted if you miss following any the ethical considerations. The following are the ethical issues that must be considered while performing the research study.

Results

Access relative to enrolment total number of number students logging in the module web page divided by total number of enrolled students, expressed as percentage was 72% The mean number of page-views per student engaging with Moodle was 7.5, with corresponding means of 8 for females and 3 for males.

However, this may not be a fair comparison given that only 8 the students in this group were male.

The number of page-views of five key resources on the module Moodle page is shown in figure1. As indicate above , all views are those of students and include an multiple views by the same individual.

Limitations of the Study

The Limitations of study are its flaws or shortcomings. Study limitations can exist due to constraints on research design, methodology, materials, etc., and these factors may impact the findings of your study. However, researchers are often reluctant to discuss the limitations of their study in their papers, feeling that bringing up limitations may undermine its research value in the eyes of readers and reviewers. In spite of the impact it might have and perhaps because of it you should clearly acknowledge any limitations in your research paper in order to show readers whether journal editors, other other researchers, or the general public that you are aware of these limitations and to explain how they affect the conclusions that can be drawn from the research.

Conclusion

The outcomes of this case study indicate that the number of student page views per resource on VLE pages is a useful indicator of VLE engagement. It Would appear that work-based learners, the level of tutor and programme support , and specifically tutor direction is important to promote VLE resources, and hence tutors have a key role to play in learning design associated with VLE use than VLEs and more appealing and intuitive to use. They may also be easier to use on mobile devices, an important point as mobile learning increasing widespread, this study examined VLE engagement in quantitative way by examining the number of student page-views over a period of time. The data obtained form this module are particularly interesting because of the large group size for this module. The % VLE

access for this module was 72% which is lower than the 90% suggested by Toole et al (2015) for the same institution though still relatively high compared to other modules that have been examined. It is important to bear in mind, however, that the data described in this case study relate solely to part-time distance learners rather than the institutional learner population as a whole.

References

Course Hero, inc n.d(2022)

<https://www.coursehero.com/file/60857231/Digital-skillsdocx/>

ERIC N.D (2022)

<https://eric.ed.gov/?id=EJ973044>

Informa Uk Limited n.d(2022)

<https://www.tandfonline.com/doi/full/10.1080/10400419.2014.961781>

Dissertation-Statistics n.d (2022)

<http://www.dissertation-statistics.com/population-sample.html>

Marketing91 n.d(2022)

<https://www.marketing91.com/ethical-considerations/#:~:text=Ethical%20consideration%20is%20a%20collection,from%20indulging%20in%20vicious%20conduct.>

Wordvice Dec 13 (2021)

<https://blog.wordvice.com/how-to-present-study-limitations-and-alternatives/>

[https://repository.uwtsd.ac.uk/id/eprint/1309/1/Davies-and-Harris\[2016_article\].pdf](https://repository.uwtsd.ac.uk/id/eprint/1309/1/Davies-and-Harris[2016_article].pdf)

Wales Journal of Learning and Teaching in Higher Education

2016, Volume 1, Number 1, 60-65 pp

ISSN 2396-7285 (online)

Edited by Simon K. Haslett & Caroline B. Usei

Appedix



Figure 1-page views for five key resources

Indicates that the highest number of page views obtained for “useful links and essential documents” , both of which are required of mandatory assessment tasks. The lowest number of page-views appears to be for “ reflection” though there were nonetheless over 30 page views for this item despite that fact that this topic was covered thoroughly during since this topic

A comparison of student page views of Moodle would appear to have little influence on the final mark for this module. The majority of 0 marks evident were due to NON-Submission associated with claims for extenuating circumstances, and it may be that trends would become clearer when marks achieved for these assignments become available.

Final MARKS

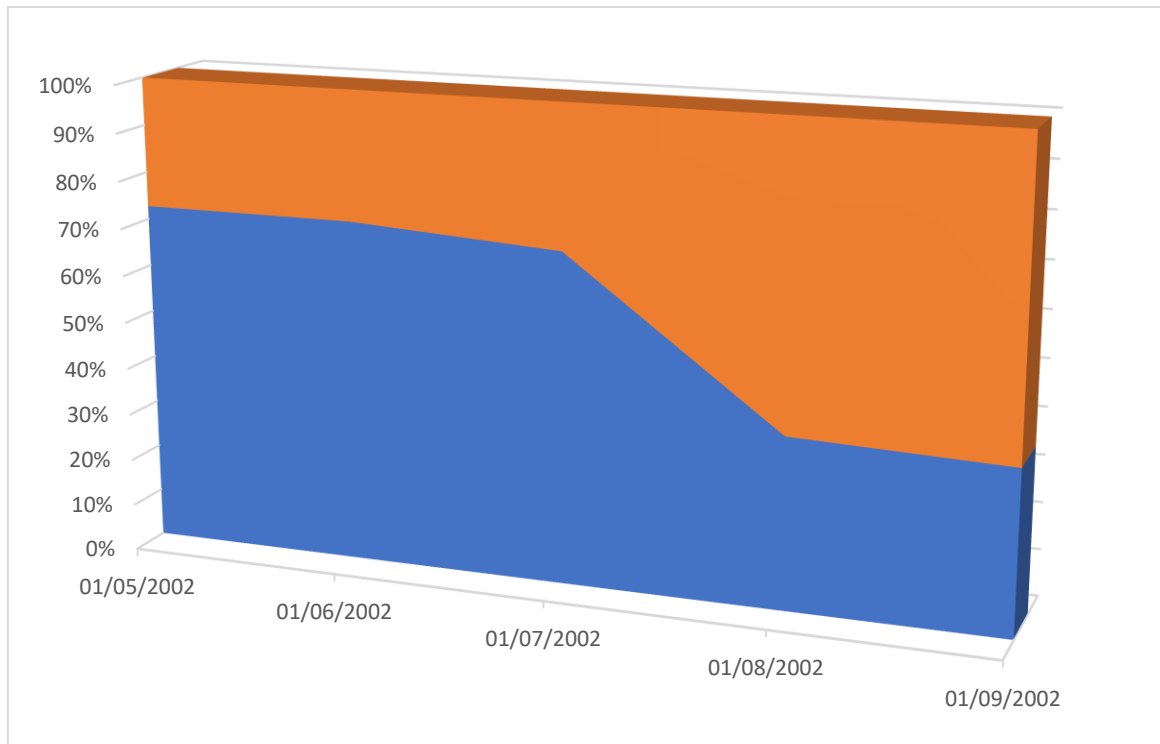


Figure-2 Reasons for the patterns of engagement shown in this case study are matter of speculation and need to be explored further in future in future research. Like many other part-time, distance learners, professional learners have limited study time and may therefore be highly strategic in the way they select resources, prioritising those designated as essential either by tutors, because of their association with assessment, and this is consistent with the findings of Risquez, (2013). This highlights the importance of tutor direction and contact, and links to the observations of

authors such as Leese (2009) and agudo (2014) who indicate that feedback and student-Tutor interactions have an important role in maintaining VLE engagement. Boling et al. (2012) make the further point that disconnection i.e an absence of links between tutors and students, may hinder VLE engagement.

1.What is your gender?

Female ☐

Male ☐

	Female	Male
Gender	8	3

