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Impact of Virtual learning environment (VLE)-Moodle on students learning experience at UWTSD

Abstract

Virtual learning environment (VLE)-Moodle UWTSD is mainly used for teaching and educational purpose on the internet for students and teacher of UWTSD. Students can use Moodle to upload assignments and also communicate with fellow classmates and teachers. This report aim is to highlight VLE- Moodle of UWTSD can have positive and negative impact on students learning experience. My aim for this report is also to collect data and analyse the positives and negatives students experience on VLE-Moodle UWTSD. Students feel that they can interact 24 hour on VLE-Moodle of UWTSD from anywhere on Their laptop or phone with their teacher and classmates, it was observed that positive for students is VLE-Moodle UWTSD promotes independent learning and also increase students motivation to learn more. Students believe that there are also lots of negative impact of VLE-Moodle of UWTSD such as students feel that they can feel socially isolated and that their communication skills not improved and they can have technical issue such as internet connection problems. Statistics shows that Students can have limited feedback and engagement from their teachers on VLE-Moodle.

I have developed a questionnaire survey for my classmates of UWTSD to get feedback on their experience of using VLE -Moodle UWTSD and what impacted and effect they face, I will research and collect data from my questionnaire and analysis the positives and negatives impact student experience VLE Moodle..I will also present all the data I gathered on a pie chat and I will use quantitative research methods for my research.

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Introduction

The purpose of this report is to research and analyse the impacts of Virtual learning environment (VLE)-Moodle on students learning experience at UWTSD, I will be looking at what are the advantages and disadvantages students experience on VLE-Moodle. My aim for this research report is to examine the data and statistic and also identify the positives and negatives impact on students learning experience on VLE-Moodle UWTSD, I also will be identifying the age group use VLE the most and what percentage of male or female use VLE-Moodle. My objective for this report is to collect all the data analyse all the results and present some of results on a pie chart, I am also going to research if VLE – Moodle UWTSD can develop students independent learning and does VLE-Moodle motivates and encourage students to learn more. Additional I am also going observe and analyse my experience of using VLE-Moodle UWTSD as I have used VLE-Moodle this year for my learning, I am going to compare my positives and negatives experiences. I have also developed a questionnaire for my classmates of UWTSD and I will use this questionnaire survey for my report and examine the data. I am going to use literature review on this report and compare and discuss my data with other researchers on this topic and analyse all the data and results. Unfortunately due to the current situation the pandemic I will use email for this survey. I have used different types of questions on my survey like yes or no questions, multiple choice questions and LIKERT scale question, I will collect the data, the results and feedback from my classmates and I will present some statistics on a pie chart. I am going to use primary data for my survey questionnaire and secondary data for my literature review and then compare, Analyse and review the results . I am also going to use quantitative research method for this report.

Literature review

For my literature review I have researched other reports on the same topics so I can compare, analyse and examine the data and statistics, I have read reports such as University of Cumbria, Barker, Jenny and Gossman Peter(2013 report) The learning impact of VLE students view, this research has the same agenda as my research Like does VLE-Moodle have negative or positive impact on students learning experience. I have established both reports identifies that VLE-Moodle increase students independent learning and VLE- Moodle encourages and motivates students to learn more. I am going to compare, analyse, summaries and evaluate both reports data and discuss the positives and negatives impact students have on their learning experience of VLE- Moodle.

Methods

For this research report impact of VLE-Moodle on students learning experience at UWTSD, I have used quantitative research method in a form of questionnaire survey. I have developed this survey questionnaire for my classmates of UWTSD, Due to the current pandemic I had to use email media for my quantitative survey questionnaire, one problem I encountered with this type of survey is not all my classmates responded to my email. The questionnaire had lots of different types of question like yes or no questions, multiple choice questions and Likert scale questions. I have developed this questionnaire the best I can so I could get accurate data for my research, will collect all the primary data from my survey then analyse and evaluate and then present some of the findings on a pie chart. I am also going to use secondary data on this report so I can compare and discuss with my primary data.

Questionnaire- 1

I have prepared this questionnaire survey for my classmates-

Purpose of this questionnaire is only for this research survey on what impacts students on their learning experience on VLE-Moodle UWTSD, I will be deleting all the data after this report.

Questionnaire topic- Impact on VLE- Moodle on students learning experience at UWTSD

Can you circle the answer:

Question 1: what is your gender male or female? Male/ female

Question 2: what is your age group? 1: (20-25) 2:(26-35) 3: (36-45) 4: (46+)

Question 3 :what was your experience on VLE- Moodle at UWTSD?
Good experience/Bad experience/very good experience?

Question 4: did you have any difficulty accessing VLE-Moodle at UWTSD?
Yes/no

Question 5: Are there any positives of VLE-Moodle at UWTSD? Yes/no

Question 6: Are there any negatives of VLE-Moodle at UWTSD? Yes/no

Question 7: Do you find easy or difficult to upload your assignments on VLE- Moodle at UWTSD? Easy/Difficult

Question 8: How was your internet connection on VLE-Moodle at UWTSD.
Not good? Good ?very good? Didn't have issues?

Question 9: does learning on VLE-Moodle UWTSD increase independent learning? Yes? No?

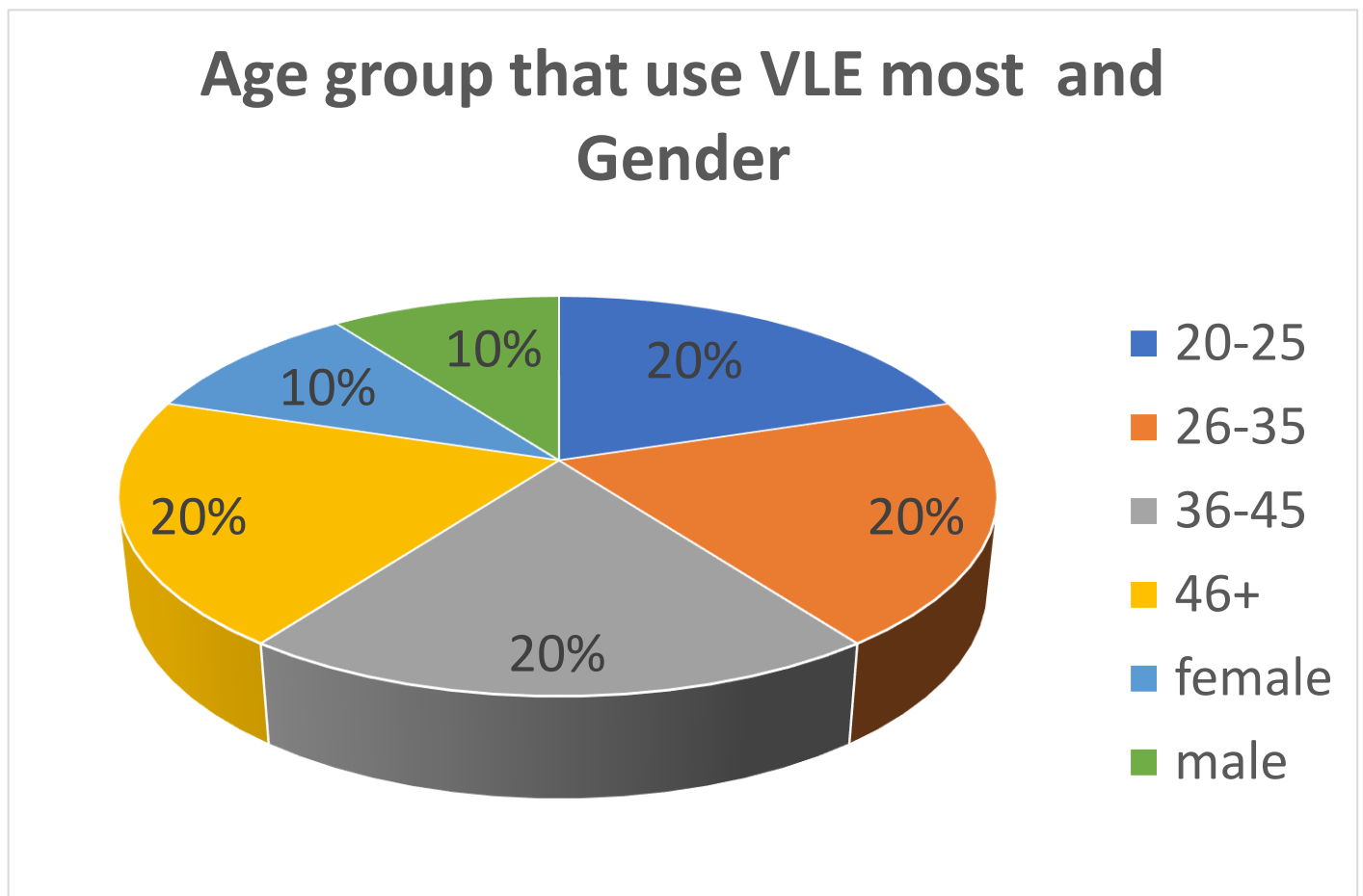
Question 10: Are you more motivated to learn on VLE-Moodle UWTSD?
More motivated /not motivated

Question 11: students can get distracted on VLE-Moodle at UWTSD?

Strongly disagree	Disagree	Slightly disagree	Strongly agree	Agree	Slightly agree
1	2	3	4	5	6

Results

Results presented on pie chart



The results from my questionnaire survey I received from 12 of my classmates shows that all of my classmates use VLE-Moodle for learning, the data also shows 70% of my classmates had positive experience and 30% of students had negative experience using VLE-Moodle. The pie chart shows percentage of male and female use VLE- Moodle is same.

Discussion

I have emailed 15 of my classmates with my questionnaire survey I have developed (I used email for my Survey due to the current pandemic situation) Out of 15 of my classmate 12 completed my questionnaire And return the survey back to me, out of 12 of my classmates 6 were male and 6 were female. I have Presented the age of my classmates of UWTSD in 4 groups, group 1 (20-25) group 2 (26-35) group 3(36-45) Group 4 (46+), I wanted to present what age group use VLE- Moodle the most. From my questionnaire Survey data show all age group use VLE -Moodle equally, this statistic was presented on my pie chart. From my questionnaire I also found that 7 out of 12 students found uploading assignments on VLE- Moodle was difficult. But 10 out of 12 students said they found learning on VLE- Moodle UWTSD has increased their independent learning and also 10 out of 12 students said learning on VLE- Moodle has encouraged and motivated them to learn more. 11 out of 12 students said they had internet problems like Wi-Fi issues and their internet connection was not good and my survey shows 9 out of 12 students had good learning experience on VLE-Moodle.

Conclusion

The conclusion of this research report the impact VLE-Moodle on students learning experience at UWTSD which I based on my research and questionnaire survey of my classmates also literature review from other research reports like Barker, Jenny and Gossman Peter (2013) report which shows most students have positive impact using VLE- Moodle, All the data I have collected identified that most students feel they are encouraged and motivated to learn more on VLE-Moodle and also most students feel VLE-Moodle UWTSD increases their independent learning.my research also shows percentage of male and female use VLE-Moodle is 50-50
This report also concludes from my data and my literature review that some students had negative impact as well on their learning experience on VLE- Moodle of UWTSD, like students had difficulty uploading assignments on Moodle and students had internet problems like Wi-Fi issues.

Appendix

These are other table I used from my questionnaire survey of my classmates

Row Labels	Count of age group
20-25	2
no	1
yes	1
26-35	2
no	1
yes	1
36-45	2
no	1
yes	1
46+	2
yes	2
Grand Total	8

Row Labels	Sum of Count of age group
20-25	2
26-35	2
36-45	2
46+	2
female	4
Grand Total	8
male	4
no	4
vle	8
yes	4
Grand Total	40

Appendix

Supporting evidence

Questionnaire 2

Impact on VLE- Moodle on students learning experience at UWTSD

Question 1: what is your gender male or female? Female

Question 2 : what was your experience on VLE- Moodle at UWTSD?

Good experience/Bad experience/very good experience?

Question 3: did you have any difficulty accessing VLE-Moodle at UWTSD?

Yes/no?

Question 4: Are there any positives of VLE-Moodle at UWTSD? Yes/no

Question 5: Are there any negatives of VLE-Moodle at UWTSD? Yes/no

Question 6: Do you find easy or difficult to upload your assignments on VLE- Moodle at UWTSD? Easy/Difficult

Question 7: How was your internet connection on VLE-Moodle at UWTSD.

Not good? Good? very good? Didn't have issues?

Question 8: Would you prefer VLE Moodle at UWTSD or face to face class room teaching?

Face to face teaching/VLE-Moodle at UWTSD

Question 9: Are you more motivated to learn on VLE-Moodle at UWTSD

More motivated /not motivated

Question 10: students get distracted on VLE-Moodle at UWTSD?

Strongly disagree	Disagree	Slightly disagree	Strongly agree	Agree	Slightly agree
1	2	3	4	5	6

References

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