



**De La Salle University - Dasmariñas**

**AN ASSESSMENT OF DE LA SALLE UNIVERSITY – DASMARIÑAS**

**SCHOOLBOOK: A BASIS FOR VIRTUAL LEARNING**

**ENVIRONMENT ADDED FEATURES**

**An Undergraduate Research Presented to  
the Mathematics and Statistics Department  
College of Science and Computer Studies  
De La Salle University–Dasmariñas**

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### ABSTRACT

This study entitled “An Assessment of De La Salle University – Dasmariñas Schoolbook: A Basis for Virtual Learning Environment (VLE) Added Features” was conducted to assess the De La Salle University – Dasmariñas Schoolbook medium for advanced education in De La Salle University – Dasmariñas. This was to propose a virtual learning environment that is based on the students and faculty assessments. For this study, the researchers used descriptive type of research to assess the schoolbook based from the respondents’ utilization of virtual learning environment and experiences. The researchers also used survey method wherein they used a questionnaire that had undergone test for reliability to be able to gather all the necessary data for this study. The expected respondents were selected through convenience sampling for the students and purposive sampling for the faculties. After the gathering of data, the researchers analyzed the data using descriptive statistics.

The data gathered were based from the assessments of respondents in terms of time and resource availability, connection and technological factors, kinds of assessments given, schoolbook features and user – friendliness of the schoolbook. After the gathering, interpretation and analysis of data, the researchers concluded that unlike the students, the faculty respondents did not fully use the schoolbook features because they were not fully exposed and experienced to the developing technology, given their ages and experiences. It was also concluded that, VLEs needed internet to be browsed and used but then, student and faculty respondents experienced connection and technical difficulties when accessing the schoolbook and student respondents experienced these more than the faculty respondents.

In addition, the researchers also concluded that not all subjects were easy to discuss in the schoolbook with insufficient tools and functions displayed. Mathematical tools such as calculator and graphing functions were of help not only for Mathematics, Physics, and Engineering students but also to those who were taking similar subjects.

The researchers recommend that Educational Technology Center (ETC) add schoolbook features that the students and faculty need in schoolbook: enhanced group feature, chat and video conferences, calculator and other similar Mathematical tools and a search toolbar that connects to online search engines like Google. These will not only improve the ambience and the physical attributes of the VLE but also help both the students and the instructors to develop a mutual understanding online, provides good communication and grants faster researches and to create seminars that will also give way to develop a feature in the schoolbook intended only to the concerns or problems of the users of the VLEs.



**TABLE OF CONTENTS**

APPROVAL SHEET

ACKNOWLEDGEMENT

ABSTRACT

CHAPTER 1: INTRODUCTION Page

1.1 Background of the Study 1

1.2 Conceptual Framework 4

1.3 Statement of the Problem 5

1.4 Significance of the Study 6

1.5 Scope and Limitation 7

1.6 Definition of Terms 7

CHAPTER 2: REVIEW OF RELATED LITERATURE

2.1 Conceptual Literature 8

2.2 Theoretical Literature 10

CHAPTER 3: METHODOLOGY

3.1 Research Method and Procedure

3.1.1 Research Design 14

3.1.2 Research Participants and Sampling Technique 14

3.1.3 Research Instruments 15

3.1.4 Data Gathering Procedure 17

3.2 Time and Place of the Study 17



CHAPTER 4: PRESENTATION AND ANALYSIS OF DATA

4.1 Profile of the Respondents	
4.1.1 Students	19
4.1.2 Faculty	22
4.2 Connection and Technological Factors	
4.2.1 Students	25
4.2.2 Faculty	29
4.3 Time and Resource Availability	
4.3.1 Students	33
4.3.2 Faculty	35
4.4 Kinds of Assessments Given	
4.4.1 Students	37
4.4.2 Faculty	38
4.5 Schoolbook Features	39
4.6 User – Friendliness	
4.6.1 Students	45
4.6.2 Faculty	46
4.7 Proposed Schoolbook Features	48

CHAPTER 5: SUMMARY, CONCLUSIONS, AND RECOMMENDATIONS

5.1 Summary	49
5.2 Conclusion	51



BIBLIOGRAPHY

APPENDIX

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