

**ONLINE CAI IN BUSINESS FINANCE FOR
BUSINESS-COURSED STUDENTS
OF DLSU-D**

An Undergraduate Research Proposal
Presented to the Computer Science Department
College of Science and Computer Studies
De La Salle University- Dasmaringas

In Partial Fulfillment
of the Requirement for the Degree of
Bachelor of Science in Computer Science

Cruz, Ryann Cyrah M.
Gula, Jomuel Bryan B.
Natividad, Laurist R.



TABLE OF CONTENTS

ACKNOWLEDGEMENT

ABSTRACT

Title	Page
1.0 INTRODUCTION	
1.1 Project Context	1
1.2 Purpose and Description	3
1.3 Objectives	4
1.4 Scope and Limitations	4
2.0 RELATED LITERATURE/SYSTEM	
3.0 TECHNICAL BACKGROUND	
3.1 Research Paradigm	18
3.2 Concept of the Study	19
3.3 Conceptual Process	28
3.4 Conceptual Operation	30
4.0 DESIGN AND METHODOLOGY	
4.1 Context Development	32
4.2 Screenshots	38



4.3 Development Training 43

4.4 Evaluation of the Project 43

5.0 RESULTS AND DISCUSSION

5.1 Introduction 47

5.2 Results 48

5.3 Discussion 49

6.0 CONCLUSION AND RECOMMENDATION

6.1 Conclusion 50

6.2 Recommendation 51

BIBLIOGRAPHY

APPENDICES

CURRICULUM VITAE



ABSTRACT

The Computer-Aided Instruction in Business Finance (CAI-BF) was developed to teach the basic concepts of Finance. CAI-BF will teach business finance based on some topics presented in the course syllabus. Like any other CAI systems, CAI-BF is a system developed to help the students enjoys a new way of learning the basics in Business Finance.

CAI-BF is an online computer aided instruction designed and developed for business-coursed students of De La Salle University-Dasmariñas. It is a convenient way to present and deliver lessons and quizzes because it can be accessed online. It also tests the students learning through quizzes.

ASP.Net is the primary language used by the proponents to develop CAI-BF. The proponents used Adobe CS5 Flash and Photoshop in creating the graphical user interface and the lessons.