De La Salle University-Dasmariñas

The Adventure's of Brazen

An Edutainment Game

An Undergraduate Research Proposal Presented to

The Computer Studies Department

College of Science

De La Salle University – Dasmariñas

In Partial Fulfillment of the Requirement of the

Degree of Bachelor of Science in

Computer Science

Calub, Marjorie D.

Chua, Claudette D.

Ocampo, Lara Joy V.

March 2012

ABSTRACT

The framework of this study was to create an edutainment game. Edutainment comes from two terminologies education and entertainment. The proponents decided to provide the graphics of the game 2-dimensional and a simple storyline. The title of the game that the proponents created was the "The Adventures of Brazen" as the proponent's game as a single player game and Brazen is the name of the character that the players are going to use in playing the game. This is a game that is suitable for kids ranging from eight to twelve years old. The game also consists of four stages with three corresponding levels. The system was developed by using an evolutionary prototyping style method. The game platform that the proponents used is game editor with C programming language.

TABLE OF CONTENTS

CHAPTER 1 Introduction

1.1 Project Context 2

1.2 Purpose and Description 3

1.3 Objectives

1.3.1 General Objectives 4

1.3.2 Specific Objectives 4

1.4 Scope and Limitation 5

CHAPTER 2 Review of Related literature 6

CHAPTER 3 Technical Background

3.1 Theories Used in the study 20

3.2 Conceptual Operation 24

3.3 Conceptual Process 25

3.4 Operational Definitions 26

CHAPTER 4 Design and Methodology

4.1 Methodology 29

4.2 Adventure's of Brazen DFD's 36

CHAPTER 5 Implementation Plans 45

5.1 Installation Plans 46

5.2 Training Plans 46

5.3 Resource Requirements 46

CHAPTER 6 Results and Discussion

6.1 Instruments used to gain result 48

6.2 Results and detailed discussion obtained in the final evaluation 50

6.3 Basis of Data 50

6.4 Data Tables 51

6.5 Acceptability of the product 52

CHAPTER 7 Conclusions and Recommendations 53

APPENDICES

BIBLIOGRAPHY