



De La Salle University – Dasmariñas

**WEB BASED GAME:
ROUND TRIP RUN-PHILIPPINES**

**An Undergraduate Thesis Presented to
The Computer Science Department,
College Of Science, De La Salle University – Dasmariñas
In Partial Fulfillment of the Requirements for the
Degree of Bachelor of Science in Information Technology**



Fulgencio, Mark Anthony A.

Vicedo, Kevin Immanuel D.

April 1, 2014



ABSTRACT

In our society nowadays, children and teenagers tend to spend their free time playing computer games.

These computer games make even the adults become addicted to them. These issues led the proponents to develop a game that would not only entertain the users but also give them information.

The game entitled Round Trip Run - Philippines. This game is a 3D-running game features the different tourist attractions and sceneries in the Philippines in the different levels of the game.

The proponents, through all the experience of playing interactive games, had come up with the idea of creating a game system that used all the information and idea gathered from similar games to create a game that will satisfy the users. A game that will be entertaining and informative at the same time.

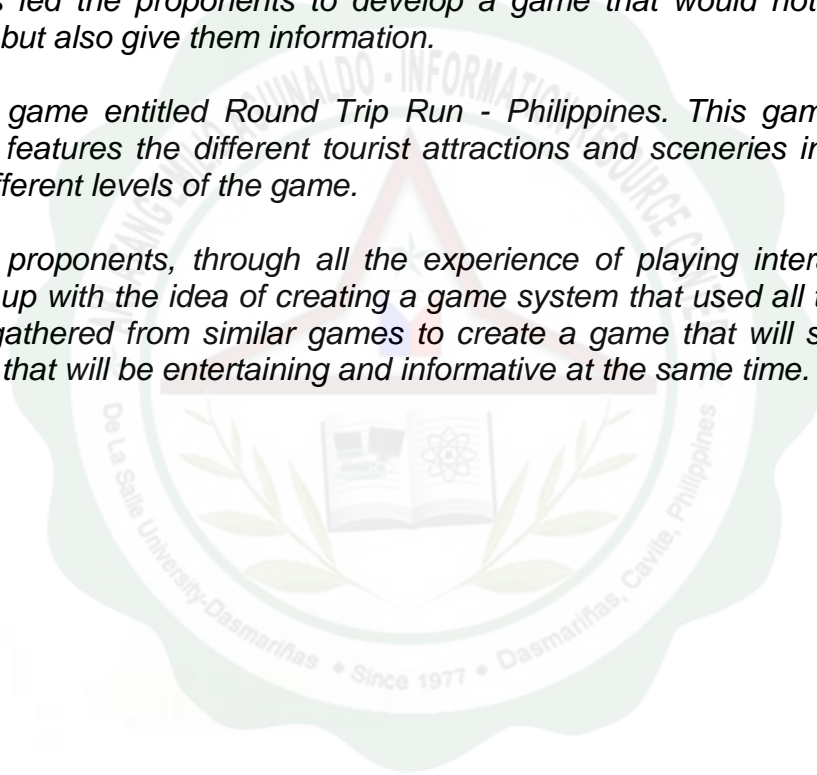




TABLE OF CONTENTS

Title Page

Abstract

Acknowledgements

Chapter 1 Introduction	1
1.1 Project Context	1
1.2 Purpose and Description	2
1.3 Objectives of the Study	3
1.4 Scope and Limitations	3
Chapter 2 Review and Related Literatures	5
2.1 Local Literatures	5
2.2 Foreign Literatures	9
Chapter 3 Technical Design	14
3.1 Research Paradigm	14
3.2 Concept of the Study	15
3.3 Conceptual Process	17
3.4 Conceptual Operation	20



Chapter 4 Design and Methodology	22
4.1 Project Development	22
4.2 Development Planning	23
4.3 Evaluation Planning	24
Chapter 5 Implemented Plans	25
5.1 Software Installation	25
5.2 Training Plans	25
5.3 Testing	26
5.4 Maintenance	26
5.5 Resource Requirements	27
Chapter 6 Results and Discussion	28
Chapter 7 Conclusions and Recommendations	31
APPENDICES	
BIBLIOGRAPHY	
CURRICULUM VITAE	



CHAPTER 1

INTRODUCTION

1.1 Project Context

Web-based games nowadays are growing each day, getting faster, powerful and innovative. More and more people use games in their everyday life, whether for business, communication or entertainment.

A web-based game is also known as a browser game, a computer game that is played over the internet using a web browser. The creation of such game usually involves use of standard web technologies as a frontend and other technologies to provide a backend. Browser games includes all video game genres and can be played by a single player or multiplayer. Web-based games are also portable and can be played on multiple different devices, web browser and operating systems.

With the popularity and high demand for browser games nowadays, the proponents believe that if an arcade style game, will developed simple but intense gameplay with fascinating animations and motivating score system, it would captivate more users. With such considerations, the proponents decided to develop the game “Round Trip Run-Philippines”.