



De La Salle University - Dasmariñas

**Graphical Directory Guide for De La Salle University-Dasmariñas
(GDG-DLSU-D)**

**A Special Problem
Presented to
The Computer Studies Department
College of Science
De La Salle University-Dasmariñas**

**In Partial Fulfillment
of Requirements for the Degree of
Bachelor of Science in Computer Science**

By

**Chui, Tyrone Jeffrey O.
De Guzman, Nikoli P
Duero, Hazel Anne M.**

Mrs. Rosanna A. Esquivel

March 23, 2004

30 MAR 2004



ABSTRACT

The Graphical Directory Guide for De La Salle University-Dasmariñas is a system that would aid the target users in determining their way around the university. This study is based in interviews and surveys which proved its feasibility. The proponents tend to develop the proposed system and strategically position the all through out the campus for accessibility. The system features the latest trend in graphics and web design that would open new opportunities for future developers and aid them in their research. Also the system features a rich integration of 2D and 3D animation to better present building locations. Truly, the proponents aim to develop a system that would aid De La Salle University-Dasmariñas in its lifelong quest to serve its community. Though, in order to maximize the systems performance, it is recommended that the systems animation files are converted into vectors.





Title Page
Adviser's Recommendation Sheet
Approval Sheet
Abstract
Acknowledgement

TABLE OF CONTENTS

1.0 Introduction	1-1
1.1 Background of the Study	1-1
1.2 Statement of The Research Problem	1-2
1.3 Objectives	1-3
1.3.1 General Objective	1-3
1.3.2 Specific Objectives	1-3
1.4 Significance of the study	1-3
1.5 Scope and Limitations of the study	1-3
1.6 Methodology	1-4
2.0 Review of Related Literature	2-1
3.0 Theoretical Framework	3-1
4.0 Requirements Analysis	4-1
4.1 System Overview	4-1
4.2 System Objectives	4-1
4.2.1 General Objective	4-1
4.2.2 Specific Objectives	4-1
4.3 Scope and Limitations	4-1
4.4 Statement of Assumptions	4-2
4.5 Software Requirements	4-2
4.6 Data Requirements	4-2
4.7 System Requirements	4-2
4.7.1 Development Phase (Minimum Requirements)	4-2
4.7.2 Implementation Phase (Minimum Requirements)	4-3
5.0 Design	5-1
5.1 External Design	5-1
5.1.1 User Interface	5-1
5.1.2 Software functions	5-1
5.2 Architectural Design	5-2
5.3 Detailed Design	5-2
5.3.1 Color Scheme	5-2
5.3.2 Text	5-2



5.3.3 Screen Size	5-2
5.3.4 Strategic Positioning	5-2
5.3.5 3D Models	5-3
5.3.6 Animations	5-3
5.3.7 Timing	5-3
6.0 Implementation	6-1
6.1 Programming Languages	6-1
6.2 Programming Style	6-1
6.3 Implementation of Multimedia	6-1
6.3.1 Elements	6-1
6.3.2 Text	6-1
6.3.3 Images	6-1
6.3.4 Animation	6-1
6.4 Program File Distribution	6-1
6.4.1 HTML Files	6-1
6.4.2 Picture Files	6-1
6.4.3 Animation Files	6-2
6.5 System Testing	6-2
6.6 Installation Plans	6-2
6.7 Maintenance Plans	6-2
7.0 Conclusion and Recommendations	7-1



List of Figures

Figure 5-1 User Interface
Figure 5-2 Story Board

S-1
Appendix B





Appendices

Appendix A

**Survey Sheets
Interviews
Article on USC Need Help Project
Editor's Certification**

Appendix B

Story Board

