



**De La Salle University – Dasmariñas**

**Municipality of Imus  
Business License Tracking System**

**An Undergraduate Special Problem  
Presented to  
The Faculty of Computer Studies Department  
De La Salle University-Dasmariñas  
Dasmariñas, Cavite**

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

**By:**

**John Joseph P. Bantista  
Louie Ver G. Camerino  
Ma. Hazzel L. Hernandez**

**April 2002**

**18 MAY 2002**



## TABLE OF CONTENTS

Title Page	
Approval Sheet	
Table of Contents	
Abstract	
Acknowledgement	
Chapter 1. Introduction	1-1
1.1 The problem and its Background	1-1
1.1.1 Background of the Study	1-1
1.1.2 Background of the Problem	1-1
1.2 Statement of Objectives	1-2
1.2.1 General Objectives	1-2
1.2.2 Specific Objectives	1-3
1.2.3 Project Deliverables	1-3
1.3 Significance of the Study	1-3
1.4 Scope and Limitations	1-4
1.5 System's Methodology	1-4
1.5.1 Software development Methodology	1-4
1.5.2 Method of Data Collection	1-5
Chapter 2. Review of Related Literatures	2-1
2.1 Published Books	2-1
2.2 Other Studies	2-2
Chapter 3. The Existing System	3-1
3.1 Current System Overview	3-1
3.2 Administrative Setup	3-1
3.3 System Coverage	3-3
3.4 System Inputs	3-3
3.5 System Outputs	3-4
3.6 Problems and Difficulties with the existing system	3-4
Chapter 4. The Proposed System	4-1
4.1 Description	4-1
4.2 Scope of the Proposed System	4-1
4.3 System Objectives	4-1
4.4 System Justification	4-2
4.5 System Design	4-2
4.5.1 Inputs	4-2
4.5.2 Processes	4-2
4.5.3 Outputs	4-3
4.6 Architectural Design	4-3
4.7 Database design	4-7
4.8 Project Schedule	4-7
Chapter 5. Summary, Conclusion, and Recommendation	5-1



# De La Salle University – Dasmariñas

## Appendices

- Certification
- Official Clearance
- Editor Certification
- CRC Representative Certification
- Adviser Certification
- Data Flow Diagram of the Existing System
- Data Flow Diagram of the Proposed System
- Entity Relationship Diagram
- Ishikawa Diagram
- Dialogue Tree
- Data Dictionaries
- Normalization Forms
- Screen Design
- Report Formats
- Project Schedule

A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L  
M  
N  
O

## Bibliography





ABSTRACT

The absence of a computer-based system covering the organization of business permits in the Municipality of Imus results to financial and informational losses. Manual processing consumes time and resources, expanding to three copies of the application form for file and individual copies, wasting time for verification and assessment of each. Computation for fees for license, establishment, permit, etc., which are based on the income and the percentage established by the law, is done manually, making it prone to human error, deliberate or not.

In working with the proposed project, the analysts prefer to follow the method of *prototyping*. Using this technique, the analysts will have to work directly with the user(s) to determine the main problem.

By prototyping, the users can also report bugs that needed to be fixed immediately. Software programs can be easily debugged or upgraded, in case a problem arises, since the analysts will continue to work, even after the system is implemented.

The proponents suggest to have an automated system for them to have precise information, fast access to the documents and for file keeping purposes.