

Real Estate Information System for Metrogate

An Undergraduate Special Problem

Presented to

the Faculty of the Department of Mathematical Science and

Computer Studies

De La Salle University – Dasmariñas

Dasmariñas, Cavite

In Partial Fulfillment

Of the Requirements for the Degree

Bachelor of Science in Computer Science

**Cruz, Hazel – Lyn P.
Reyes, Ria S.**

March 1998

31 MAR 1998

ABSTRACT

NAME OF INSTITUTION : De La Salle University – Dasmariñas

ADDRESS : Dasmariñas, Cavite

TITLE : Real Estate Information System for Metrogate

AUTHORS : Cruz, Hazel-Lyn P.
Reyes, Ria S.

FUNDING SOURCE : Personal **COST :** P 15,000.00

DATE STARTED : November, 1997 **DATE COMPLETED:** March, 1998

OBJECTIVES OF THE STUDY :

A. GENERAL

To develop an information system for the operations of Metrogate Estates, Moldex Realty Incorporated.

B. SPECIFIC

1. To design a database that contains information about the client.
2. To design a system that will automate the computation of payments.

3. To design a quality software that will provide immediate copies of application forms, contract and reservation forms.
4. To develop a system that will determine the availability of lots through its updated records.

SCOPE AND COVERAGE :

Real Estate Information System for Metrogate concentrates on customer. It includes customer information, customer payment and client inquiry on lots availability. The system follows Metrogate's procedures of handling monthly payment.

METHODOLOGY :

The waterfall model in the software development process was used in developing the software. It includes six stages: Requirements Analysis And Definition, System Design, Program Design, Program Implementation and Testing.

OUTPUT OF THE STUDY :

1/ Real Estate Information System for Metrogate Estate ~~was~~ ^{concentrates on} designed to ~~diminish~~ the problems of keeping and handling client

records, manual computations of payments, updating monthly client payment and issuing the contract and reservation form. ^{1/}

CONCLUSION :

Through Real Estate Information System for Metrogate, problems in handling and keeping of clients' record and manual computation of payments was diminished.

In connection with this, ^{2/4} a database containing information about the clients were developed and lead to automation of payment computations. ^{2/}

The system provides immediate copies of needed forms such as application forms, contract and reservation forms. Furthermore, ^{3/4} the system determines easier the availability of lots through its updated records. ^{3/}

RECOMMENDATIONS :

Real Estate Information System for Metrogate provides information about the client, customer payments and issuance of needed forms.

However, the proponents suggest further enhancement of the system by including additional information about the brokers correspondence and connection with his perspective clients.

Map representations should be properly depicted and detailed out on screen for better understanding of clients and system users. Certain modifications will also help the system to run in a local network.

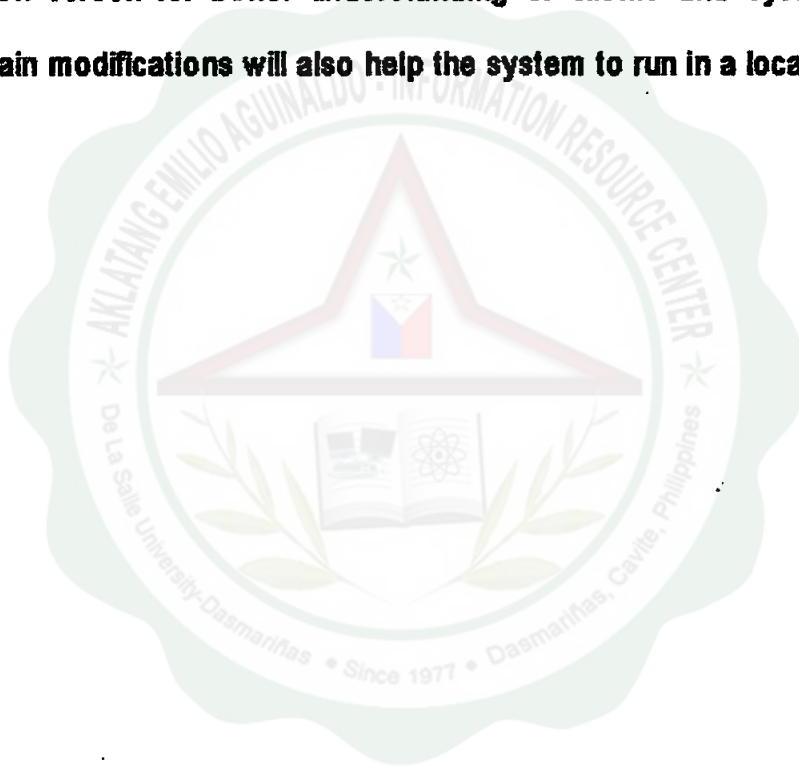
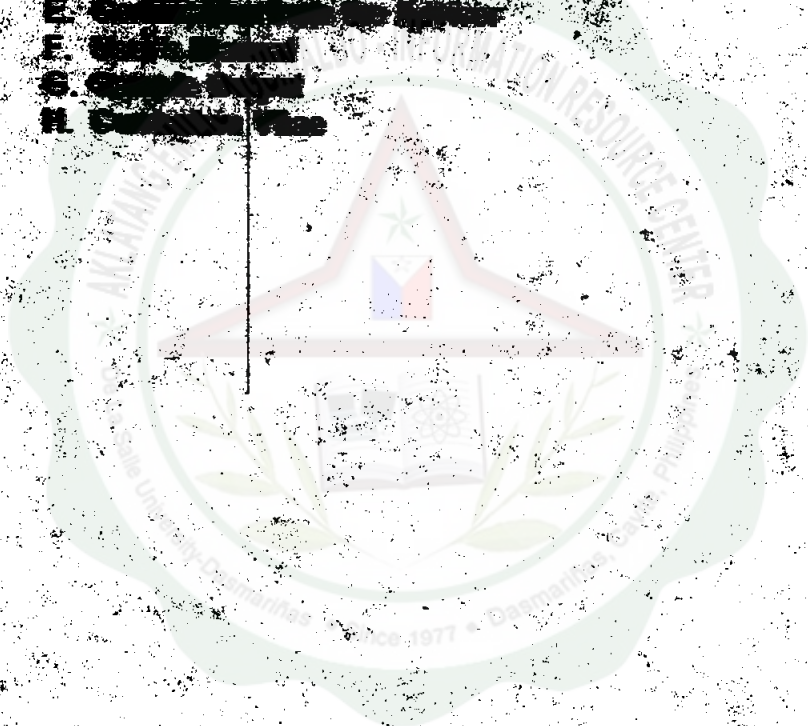


TABLE OF CONTENTS

	PAGE
TITLE PAGE	1
ABSTRACT	2
APPROVAL SHEET	
ACKNOWLEDGEMENT	6
TABLE OF CONTENTS	9
LIST OF FIGURES	45
CHAPTER	
I. THE PROBLEM AND ITS BACKGROUND	
Introduction	12
Statement of the Problem	13
Scope and Delimitation of the Study	14
Significance of the Study	14
Objectives of the Study	
Definition of Terms	15
II. REVIEW OF RELATED LITERATURE	18
III. METHODOLOGY	22
IV. PRESENTATION, RESULTS AND DISCUSSION	24
V. SUMMARY, CONCLUSION AND RECOMMENDATION	28
Summary	28
Conclusion	29
Recommendation	31
REFERENCES	32

APPENDICES

A. Constitution from Shadow Panel	34
B. Policy Statement	35
C. Constitution from the Faculty	36
D. Constitution from the Club Representative	37
E. Constitution from the Student	38
F. Club Charter	39
G. Club Charter	4
H. Constitution Plan	54



LIST OF FIGURES

	PAGE
Figure 1.0 Data flow Diagram	46
Figure 1.1 Normalization Table	47
Figure 1.2 Entity Relationship Diagram	52
Figure 1.3 System Diagram	53

