



De La Salle University – Dasmariñas

**“MANUFACTURING MANAGEMENT INFORMATION SYSTEM FOR
DYNA MICRO TOOLINGS AND FABRICATION INC.”**

A Special Problem

Presented to

College of Science

De La Salle University – Dasmariñas

In Partial Fulfillment

**on the Requirements for the Degree of
Bachelor of Science in Information Technology**

Bello, Rontel Gillard

Dizon, Vangelyn

Ducot, Peter Billy

March 2011



TABLE OF CONTENTS

Title	Page
Abstract	
Acknowledgement	
Approval Sheet	
Certification	
1.0 Introduction	
1.1 Background of the Study	1-5
1.2 Statement of the Research Problem	5-8
1.3 Statement of Objectives	
General Objectives	8
Specific Objectives	8-9
1.4 Significance of the Study	9-12
1.5 Scope and Limitations of the Study	12-13
1.6 Methodology of the Study	14-17
2.0 Review of Related Literature	18-24
3.0 Theoretical Framework	
3.1 Statement of Assumptions	25
3.2 Operational definitions	
3.2.1 Definition of Terms	25-29



3.2.2 Definition of Process	29
3.3 Theories Used in the Study	30-33
4.0 The Existing System	
4.1 Description the System	34-36
4.2 Definition of Data Capture	36-39
4.3 Inputs	39-40
4.4 Processes	41-44
4.5 Files	44-45
4.6 Outputs	46-47
4.7 Data Flow Diagram	see appendices
4.8 Problem Areas	47-49
5.0 The Proposed System	
5.1 System Overview	50-54
5.2 System Objectives	54-55
5.3 Scope	56
5.4 System Justification	57
6.0 Design	
6.1 Inputs	57-61
6.2 Processes	61-66



6.3 Files	66-79
6.4 Outputs	79-89
7.0 Implementations	
7.1 Resource Requirements	
7.1.1 Software Requirements	90
7.1.2 Hardware Requirements	90
7.1.3 Human Resource Requirements	90-91
7.2 Installation plans	
7.2.1 System Installation	91-92
7.2.2 Training plans	92
7.2.3 Conversion plans	93
7.2.4 Testing	93
8.0 Conclusions and Recommendations	
8.1 Conclusion	94
8.2 Recommendations	95
Bibliography	
Appendices	



ABSTRACT

Recent advances in manufacturing and information technologies present promising strategic alternatives for designing a new manufacturing information system. Manufacturing information system is an integrated system of manufacturing technologies and business strategy into an information system. It is a strategic tool for achieving competitive advantage, which enables firms to respond quickly to market changes, achieve flexibility of products and processes, and manage the complexity of today' manufacturing environment.

According to Coates and Tirpak, "The integrated manufacturing system consists of several independent components, with suppliers at one end and customers at the other end". To make the system operate efficiently, the manufacturing system should be designed with a greater functional integration, fewer layers of hierarchy, and more external partnerships.

In providing Management Information to a company, one must take into consideration the ones who would largely benefit from this system. These are the manager, Production staff and customers.

The proponents suggest a system that would Supply the manager a up to date information regarding the company's floor schedule and total production load in a given time.



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The significance of implementing a computerized system in the company is for them to have Database, computerized computation of all present and available schedules and together with ease computation of company's profit.

