

## Declaration

I declare that this dissertation does not incorporate, without acknowledgment, any material previously submitted for a Degree or a Diploma in any University and to the best of my knowledge and belief, it does not contain any material previously published or written by another person or myself except where due reference is made in the text. I also hereby give consent for my dissertation, if accepted, to be made available for photocopying and for interlibrary loans, and for the title and summary to be made available to outside organization.

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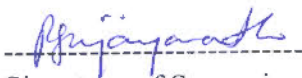
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## Dedication

I dedicate this dissertation to my supervisor Dr. Gamini Wijayarathna with heart full of honour. Without his guidance, understanding, support, commitment and his uncommendable patience, the successful completion of this work could have become a dream.



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## Acknowledgment

This dissertation is a result of software development that has been developed in order to full fill the requirement of the final project of MSc-IT.

I have worked with a large number of people who had contributed in various ways to complete this project, which requires a special mention in this dissertation.

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# Contents

	Page
<b>Chapter 1 - Introduction to ABC Supermarket</b>	
1.1. Introduction	1
1.2. Introduction to the company	1
1.2.1. Type of business	1
1.2.2. Operations	1
1.2.3. Product categories	1
1.2.4. Brands	2
1.2.5. Employees	2
1.3. Existing system introduction	2
1.3.1. Branch outlet	2
1.3.2. Central purchasing unit (CPU)	2
1.3.3. Suppliers	2
1.4. Problems & weaknesses of the existing system	4
1.4.1. Inaccurate sales forecasting	4
1.4.2. In – efficiency	4
1.5. Aims & objectives	4
1.5.1. Aim	4
1.5.2. Objectives	4
1.6. System requirements	5
1.7. Structure of the dissertation	5
<b>Chapter 2 - Issues in current ordering system at ABC Supermarket</b>	
2.1. Introduction	7
2.2. Current system introduction	8
2.2.1. Branch outlet	8
2.2.2. Central purchasing unit (CPU)	9
2.2.3. Suppliers	9
2.3. Problems & weaknesses of the current system	9
2.3.1. Inaccurate sales forecasting	9
2.3.2. In – efficiency	9



2.4. Summary	11
<b>Chapter 3 - Technology adopted</b>	
3.1. Introduction	12
3.2. Software process models	12
3.2.1. Waterfall model	13
3.2.2. Evolutionary development model	15
3.2.3. Component based software engineering	16
3.3. System analysis and design methodology	17
3.3.1. Object oriented analysis & design	17
3.3.2. Structured system analysis and design methodology (SSADM)	18
3.3.3. Entity behavior modeling	18
3.3.4. Agile method	19
3.4. Unified modeling language (UML)	19
3.4.1. Functional requirements view	19
3.4.2. Static structural view	19
3.4.3. Dynamic behaviour view	20
3.5. Development environment	20
3.5.1. LAMP	20
3.5.2. WAMP	20
3.6. Interface designers	21
3.7. Summary	21
<b>Chapter 4 - Approach</b>	
4.1. Introduction	22
4.2. Software process model for the proposed system	22
4.2.1. A comparison of waterfall model with other two models	23
4.3. System analysis & design methodology & UML	23
4.3.1. Comparison of OOAD and SSADM	23
4.3.2. Unified modelling language (UML)	24
4.4. Database management systems (DBMS)	25
4.4.1. ER diagram and relational tables	25
4.4.2. Relational tables	26

4.5. Development environment	26
4.5.1. WAMP	26
4.5.2. Adobe dream weaver as interface designer	26
4.5.3. Microsoft Word	26
4.6. Scope of the project	26
4.7. Limitation of the Scope	27
4.8. Summary	27
<b>Chapter 5 - Analysis &amp; Design</b>	
5.1. Introduction	28
5.2. Analysis	28
5.3. Current process observation	28
5.4. Interactive sessions	29
5.5. Functional requirements – Existing system	29
5.5.1. Branch store keeper	29
5.5.2. Branch manager	29
5.5.3. Central purchasing unit (CPU) store keeper	30
5.5.4. Central purchasing unit manager	30
5.5.5. Supplier	30
5.6. Check list for existing system	31
5.7. Use case diagram – Existing system	32
5.8. Activity diagram	33
5.9. Use case description	33
5.10. Software requirements for the proposed system	34
5.10.1. Functional requirements - Mandatory	34
5.11. System architectural design	36
5.12. Proposed system overview	37
5.13. Check list for proposed system	39
5.14. Structural view of the proposed system	40
5.15. Dynamic view of the proposed system	40
5.16. Use case description for the proposed system	41
5.17. Grammatical analysis	42
5.18. Sequence diagrams	43
5.19. Class diagram	43

5.20. Database design	44
5.21. ER diagram	45
5.22. Database diagram	46
5.23. User interface design	46
5.24. User interface description	46
5.25. List of graphical user interfaces (GUI s) used in the proposed system	47
5.26. Description of design of user interface	48
5.26.1. Messages	49
5.26.2. GUI references	49
5.27. Problems faced during analysis & design	51
5.28. Summary	51
<b>Chapter 6 - Implementation</b>	
6.1. Introduction	52
6.2. Hardware and software used	52
6.3. Database connectivity	53
6.4. System log-in	53
6.5. Implementation of the system	54
6.6. Upload data	56
6.6.1. Upload sales data	56
6.6.2. Upload stock data	57
6.7. Generate order	57
6.7.1. Enter critical stock cover	57
6.7.2. Enter historical days	58
6.7.3. Generate order	58
6.8. View orders	60
6.8.1. View branch order	60
6.8.2. View supplier order	61
6.9. Sys admin	61
6.9.1. User	62
6.10. Key points in implementation	64
6.10.1. Security	64
6.10.2. MySQL table type	65
6.11. Issues faced during the implementation	65



6.12. List of classes, methods and related PHP files	65
6.13. Summary	68
<b>Chapter 7 - Evaluation and testing</b>	
7.1. Introduction	69
7.2. Evaluation of the proposed replenishment system	69
7.2.1. Usability	69
7.2.2. Understandability	70
7.2.3. Learnability	70
7.2.4. Operability	70
7.2.5. Attractiveness	70
7.2.6. Efficiency	71
7.2.7. Installability	71
7.3. Key mile stones	72
7.4. Software testing	72
7.4.1. The two fundamental testing activities	73
7.4.2. Main approaches for testing	73
7.5. Test plan	75
7.5.1. Test cases	75
7.5.2. Test data & results	77
7.6. Summary	78
<b>Chapter 8 - Conclusion &amp; further work</b>	
8.1. Introduction	79
8.2. Conclusion	79
8.3. Limitations of the solution	80
8.4. Future work	81
<b>References</b>	<b>82</b>
<b>Appendix</b>	
Appendix A - Feasibility study	I
Appendix B - Use case, activity diagrams and use case descriptions for the existing system	VI
Appendix C - System architectural diagram	XVIII

Appendix D - Proposed system overview	XIX
Appendix E - Use case, activity diagrams and use case descriptions for the proposed system	XX
Appendix F - Sequence diagrams	XLVII
Appendix G - Class diagram	LVIII
Appendix H - Entity relationship diagram (ERD)	LIX
Appendix I - Database diagram	LX
Appendix J - Description of graphical user interface (GUI)	LXI
Appendix K - Evaluation results	LXII
Appendix L - Test cases and test results	LXIII
Appendix M - User manual – For supervisor	LXXXVII



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## List of figures

	<b>Page</b>
Figure 1.1 - Current ordering system at ABC Supermarket	03
Figure 2.1 - Current system overview	07
Figure 3.1 - Waterfall model	13
Figure 3.2 - Evolutionary development model	15
Figure 5.1 - Existing system - Use case diagram	32
Figure 5.2 - Existing system - Activity diagram	33
Figure 5.3 - Proposed system – System architectural design	36
Figure 5.4 - Proposed system – System overview	37
Figure 5.5 - Proposed system – System overview	38
Figure 5.6 - Proposed system – Use case	40
Figure 5.7 - Proposed system – Activity diagram	41
Figure 5.8 - Proposed system – Sequence diagram	43
Figure 5.9 - Proposed system – Part of class diagram	44
Figure 5.10 - Proposed system – Part of ER diagram	45
Figure 5.11 - Proposed system – Part of database diagram	46
Figure 5.12 - Proposed system – Message box	49
Figure 6.1 – Architectural diagram	55
Figure 7.1 - User Log-in - Activity diagram	75
Figure 7.2 - Proposed system – Test case	76
Figure 7.3 - Proposed system – Test results	77

## List of tables

	<b>Page</b>
Table 2.1 - Comparison of proposed system vs some different systems	10
Table 4.1 - Comparison of water fall model with other 2 models	23
Table 4.2 - Comparison of OOAD and SSADM	23
Table 4.3 - Comparison of some of available DBMS	25
Table 5.1 - Existing system check list	31
Table 5.2 - Existing system – Use case description	33
Table 5.3 - Proposed system – Check list	39
Table 5.4 - Proposed system – Use case description	41
Table 5.5 - Proposed system – Grammatical analysis	42
Table 5.6 - Proposed system – Data tables	45
Table 5.7 - Proposed system – Graphical user interfaces	47
Table 5.8 - Proposed system – Description of design of user interface	48
Table 5.9 - Proposed system – GUI references	50
Table 5.10 - Problems faced during analysis & design	51
Table 6.1 - List of PHP files belong to each module / sub module	55
Table 6.2 – Sample sales data	58
Table 6.3 – Relationships between classes , methods and PHP files	68

## Data dictionary

Term	Type	Purpose
CPU Manager	actor	The person who is in-charge of the Central Purchasing Unit.
Branch Manager	actor	The person who is in-charge of the branch
Supplier	Actor	The company which supplies the product
POS	Abbreviation	Point Of Sales
SCP	Abbreviation	Stock Control Package
CPU	Abbreviation	Central Purchasing Unit
EPOS	Abbreviation	Electronic Point Of Sales
CSV	Abbreviation	Comma Separated File
OOAD	Abbreviation	Object Oriented Analysis and Design
UML	Abbreviation	Unified Modelling Language
OOA	Abbreviation	Object Oriented Analysis
OOD	Abbreviation	Object Oriented Design
SSADM	Abbreviation	Structured System Analysis and Design Methodology
ERM	Abbreviation	Entity Relationship Model
ERD	Abbreviation	Entity Relationship Diagram
CSS	Abbreviation	Cascading Style Sheet