

CONTENTS

1. INTRODUCTION	1
2. SYSTEM ANALYSIS	3
2.1 Existing System	4
2.2 Proposed System	4
2.3 Module Description	5
2.4 Sprint	7
2.5 User Stories	11
3. FEASIBILITY STUDY	13
3.1 Economical Feasibility	14
3.2 Technical Feasibility	14
3.3 Operational Feasibility	14
3.4 Software Feasibility	14
4. SOFTWARE ENGINEERING PARADIGM	15
4.1 Agile Model	16
4.2 Scrum	16
5. SYSTEM REQUIREMENT SPECIFICATIONS	17
5.1 Software Requirements	18
5.2 Hardware Requirements	18
6. SYSTEM DESIGN	19
6.1 MongoDB	20
6.2 Collections	20
6.3 UML Design	22
6.4 Use Case Diagram	23
6.5 Scenario	26

6.6 Sequential Diagram	28
7. SYSTEM DEVELOPMENT	34
7.1 Coding	35
8. SYSTEM TESTING AND IMPLEMENTATION	37
8.1 Types of Testing	38
8.2 Implementation	40
9. SYSTEM MAINTENANCE	41
10. FUTURE ENHANCEMENT	43
11. CONCLUSION	45
12. APPENDIX	47
13. BIBLIOGRAPHY	74