**Chapter One**

**INTRODUCTION**

**Chapter Two**

**SYSTEM**

**REQUIREMENTS**

**SPECIFICATION**

**(SRS)**

**Chapter Three**

**SYSTEM DESIGN**

**Chapter Four**

**PROJECT STUDY**

**CONCLUSION**

**AND**

**FUTURE WORK**

**REFERENCES**

**RESULT**

**Appendix A**

**SCREENSHOTS**

**Appendix B**

**SOURCE CODE**

**CONTENTS**

**Chapter Page No.**

**TITLE PAGE** i

**DECLARATION**  ii

**CERTIFICATE** iii

**ACKNOWLEDGEMENT** iv

**ABSTRACT**  v

**LIST OF FIGURES**  vi

1. **INTRODUCTION**
   1. Project Motivation 1
   2. Report Organization 9
2. **SOFTWARE REQUIREMENTS SPECIFICATIONS** 
   1. Introduction 10
   2. Overall Descriptions 10
   3. Application Environment 11
   4. Concepts Used 14
   5. Dataset 15
   6. Hardware Requirements 15
   7. Software Requirements 15
3. **SYSTEM DESIGN**
   1. Flow of Control 16
   2. Data Flow Diagram 17
4. **PROJECT THEORY**
   1. Smart Contract 22
   2. Transaction 22
   3. Ethereum Virtual Machine 23
   4. Instruction Set 25

**RESULT** 28

**CONCLUSION AND FUTURE WORK** 29

**REFERENCES** 30

**APPENDIX A: SCREENSHOTS** 32

**APPENDIX B: SOURCE CODE** 36