STEGANOGRAHY WITH IMAGE AUDIO AND VIDEO

A PROJECT REPORT

Submitted in partial fulfillment of the requirements

for the award of

BACHELOR OF TECHNOLOGY

in

COMPUTER SCIENCE AND ENGINEERING

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DECLARATION

We certify that

a . The project work contained in the thesis is original and has been done by under the guidance of my supervisor.

b. The work has not been submitted to any other university for the award of any degree or diploma.

c. The guidelines of the university are followed in writing the thesis.

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CONTENTS

TOPICS	PAGE NO
ABSTRACT	
1.INTRODUCTION	1
1.1 Introduction to project	1
1.2 Organization profile	2
1.3 Purpose of the project	4
2. LITERATURE SURVEY	
3. SYSTEM ANALYSIS	5
3.1 Introduction	5
3.2 Analysis Model	5
3.3 Study of the system	8
3.4 Hardware and software specification	10
3.5 Problems in existing system	11
3.6 Proposed system	11
3.7 Input and output	12
4.FEASIBILITY REPORT	13
4.1 Technical Feasibility	13
4.2 Operational Feasibility	14
4.3 Economic Feasibility	14
5. SOFTWARE REQUIREMENT SPECIFICATION	15
5.1 Functional Requirement	16
5.2 Non Functional Requirement	16
5.3 Performance Requirement	18
6. SYSTEM DEVELOPMENT ENVIRONMENT	19
6.1 Introduction to java	19
6.2 AWT	21
6.3 Swings	34
7. SYSTEM DESIGN	40
7.1 Introduction	40
7.2 Data flow Diagram	49
7.3 Activity Diagram	53
7.4 Sequence Diagram	54
7.5 Class Diagram	55
7.6 Collaboration Diagram	56
8. CODING	72
9. SYSTEM TESTING AND IMPLEMENTATION	81
9.1 Introduction	81
9.2 Strategic approach to software testing	82
9.3 Unit testing	83
9.4 Test cases	85

10. SYSTEM SECURITY 87
10.1 Introduction 87
10.2 Security in software 88
11. SCREENSHOTS 89
12. CONCLUSION 92
13. FUTURE ENHANCEMENT 94
14. BIBLIOGRAPHY 95

LIST OF FIGURES

S.NO	NAME	PAGE NO
1	SPIRAL MODEL	1
2	SWINGS HIERARCHY	26
3	JTEXT COMPONENT HIERARCHY DEMO	40
4	SYSTEM LEVEL DATA FLOW	57
5	SUBSYSTEM LEVEL DATAFLOW	60
6	ACTIVITY DIAGRAM	62
7	SEQUENCE DIAGRAM	64
8	SEQUENCE DIAGRAM	65
9	CLASS DIAGRAM	69
10	COLLABORATION DIAGRAM	71
10	STRATEGIC APPROACAH TO SOFTWARE TESTING	82
11	DEMO STEP TO OPEN HOME WINDOW	89
12	EMBEDED MESSAGE WINDOW	90
13	RETRIEVE MESSAGE WINDOW	91
14	MASTER FILE INFORMATION	92
15	MESSAGE DISPLAY WINDOW	92

LIST OF ABBREVIATIONS

S.NO	ABBREVIATIONS
1	SRS- Software Requirement Specification
2	GUI- Graphical User Interface
3	JDK-Java Development Kit
4	JVM- Java Virtual Machine
5	API- Application Program Interface
6	AWT-Abstract Window Toolkit

STEGANOGRAHY WITH IMAGE AUDIO AND VIDEO

ABSTRACT

Steganography with Image, Audio and Video is swings based application. Steganography happens with Audio, Video & Image File for transferring more secure sensitive data. The Sensitive Data is Encoded with an Audio, Video & Image File and Passed over Insecure Channels to other end Systems. Here we can use any file Format for Encryption and Decryption of Message. Security often requires that data be kept safe from unauthorized access. However, physical security is not always an option .Instead; most computers are interconnected with each other openly, thereby exposing them and the communication channels that they use. Steganography secures information by protecting its confidentiality. It can also be used to protect information about the integrity and authenticity of data. Stronger Steganographic techniques are needed to ensure the integrity of data stored on a machine that may be infected or under attack. So far Steganography is used in many forms but using it with Audio, Video & Image files is another Stronger Technique. The process of Steganography happens with Audio, Video & Image File for transferring more secure sensitive data. The given message will be encrypted with a given Audio, Video & Image file using a secret key. The System will then embed the secret message into the Audio, Video & Image file. The result will be a new Audio, Video & Image file, which has the secret message in it. While decrypting the same key should be given for encrypted Audio, Video & Image file to get the secret message from it.