

## TABLE OF CONTENTS

CHAPTER NO.	TITLE	PAGE NO.
	<b>ABSTRACT</b>	ii
	<b>LIST OF FIGURES</b>	v
	<b>INTRODUCTION</b>	<b>1</b>
1.	1.1 GENERAL	1
	1.2 BLOCKCHAIN	2
	1.3 POST-QUANTUM ALGORITHMS	2
	1.4 RUST	3
	1.5 JAVASCRIPT	4
	1.6 HTMX	4
	1.7 TOKIO	4
	1.8 ELIXIR	5
	1.9 ASKAMA	6
	1.10 SUMMARY	7
	<b>LITERATURE REVIEW</b>	<b>8</b>
2.	2.1 GENERAL	8
	2.2 LITERATURE SURVEYS	8
	2.3 SUMMARY	11
	<b>SYSTEM ANALYSIS</b>	<b>13</b>
	3.1 GENERAL	13
	3.2 EXISTING SYSTEMS	13
3.	3.3 PROPOSED SYSTEM	14
	3.4 SUMMARY	16
	<b>SYSTEM DESIGN</b>	<b>18</b>
	4.1 GENERAL	18
	4.2 MODULE DESCRIPTION	18
4.	4.2.1 USER INTERFACE MODULE	18
	4.2.2 VIRTUAL FILE SYSTEM MODULE	19

	4.2.3 ENCRYPTION MODULE	20
	4.2.4 BLOCK CHAIN DATABASE MODULE	22
	4.3 CONCLUSION	23
	<b>IMPLEMENTATION AND RESULTS</b>	<b>24</b>
5.	5.1 GENERAL	24
	5.2 IMPLEMENTATION	27
	5.2.1 KEY FINDINGS	31
	5.3 SUMMARY	34
6.	<b>CONCLUSION AND FUTURE WORKS</b>	<b>36</b>
	6.1 CONCLUSION	36
	6.2 FUTURE WORKS	39
	<b>REFERENCES</b>	<b>41</b>