

Table of Contents

S. No.	TITLE	PAGE NO.
1.	INTRODUCTION	1-5
	1.1 Abstract	1
	1.2 Introduction	2
	1.3 Problem Statement	3
	1.4 Literature Survey	4
	1.5 Aim of The Project	5
	1.6 Objective	5
2.	SYSTEM ANALYSIS	6-7
	2.1 Existing System	6
	2.2 Proposed System	6
	2.3 Feasibility Study	7
	2.3.1 Operational Feasibility	7
	2.3.2 Technical Feasibility	7
	2.3.3 Economic Feasibility	7
3.	SYSTEM ENVIRONMENT	8-8
	3.1 Software Requirements	8
	3.2 Hardware Requirements	8
4.	MODULES	9-10
	4.1 Modules Description	9
	4.1.1 Login	9

Table of Contents

	4.1.2 Upload Dataset	9
	4.1.3 Pre-process Dataset	9
	4.1.4 Train ML Algorithms	10
	4.1.5 Fake Currency Detection	10
	4.1.6 Logout	10
5.	SYSTEM DESIGN	11-15
	5.1 System Architecture	11
	5.2 Flow Chart	12
	5.3 Use Case Diagram	14
	5.4 Sequence Diagram	15
6.	FORM DESIGNS	16-17
	6.1 Home	16
	6.2 Registration Page	16
	6.3 Login Page	17
	6.4 User Home Page	17
7.	SYSTEM IMPLEMENTATION	18-31
	7.1 Quality Requirements	18
	7.1.1 Functional Requirements	18
	7.1.2 Non-Functional Requirements	19
	7.2 Algorithmic Complexity	20
	7.3 Methodologies	22
	7.3.1 Django Functions as Methodologies	22

Table of Contents

	7.3.2 Agile Methodology	23
	7.4 Measuring Language Usage	25
	7.5 Debugging	28
	7.5.1 Login Issue	28
	7.5.2 Registration Issue	29
	7.5.3 Algorithmic Issue	31
	7.6 Programming Languages	33
8.	SYSTEM TESTING	35-41
	8.1 Unit Testing	35
	8.2 Validation Testing	36
	8.3 Integration Testing	37
	8.4 Output Testing	40
	8.5 Software Testing	41
	8.5.1 Black Box Testing	41
	8.5.2 White Box Testing	41
9.	RUNTIME FORMS	42-47
10.	CONCLUSION AND FUTURE SCOPE	48
	BIBILOGRAPHY	49