

TABLE OF CONTENTS

CHAPTER No.	TITLE	PAGE No.
1	INTRODUCTION	1
1.1	Problem Statement	1
1.2	Existing System	1
1.3	Proposed System	2
1.4	Objective	2
2	LITERATURE SURVEY	3
3	SOFTWARE REQUIREMENT ANALYSIS	6
3.1	Feasibility Study	6
3.1.1	Technical Feasibility	6
3.1.2	Operational Feasibility	7
3.1.3	Economic Feasibility	7
4	SYSTEM REQUIREMENT SPECIFICATION	8
4.1	Functional Overview	8
4.2	Operating Environment	8
4.2.1	Software Requirements	8
4.2.2	Hardware Requirements	8
4.3	Functional Requirements	9
4.4	Non-functional Requirements	9
4.5	Performance Requirements	10
5	SYSTEM DESIGN	11
5.1	High Level Design	11
5.2	Detailed Design	12

5.2.1	Use Case Diagram of Fruit Recognition using Image Processing	12
5.2.2	Data Flow Diagram of Fruit Recognition using Image Processing	13
6	SYSTEM IMPLEMENTATION	15
6.1	Programming Languages and Libraries Used	15
6.2	Methods for Flood Prediction	17
6.3	Procedure for Flood Prediction	18
7	TESTING	19
7.1	Testing Methodologies	19
7.2	Testing Criteria	20
8	SCREENSHOTS	21
9	RESULT ANALYSIS	24
	CONCLUSION AND FUTURE WORK	26
	REFERENCES	