

A PROJECT REPORT ON
AI-POWERED POTATO DISEASE DETECTION AND
INTELLIGENT STORAGE SORTING SYSTEM

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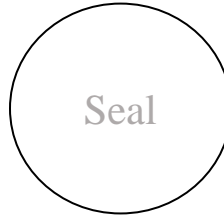
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ABSTRACT

Potato is a world's fourth most consumed staple food. Furthermore, global demand for potatoes is increasing day-by-day. However, potato diseases are the leading cause of harvest quality and quantity declines. With the enhancement in agricultural technology and the use of artificial intelligence in diagnosing plant diseases, it becomes important to make pertinent research to sustainable agricultural development. These leaf diseases are quite time-taking and cumbersome. Therefore, in this research, hardware-software interfacing system uses object detection & classification technique by using deep learning models. Further based on the detection & classification, the segregation is done for smart storage system.

LIST OF FIGURES

Figure No.	Name of Figure	Page No.
Figure 1.1	VGG Configurations	06
Figure 1.2	VGG-16 Architecture	07
Figure 1.3	VGG-19 Architecture	09
Figure 1.4	Transfer Learning	11
Figure 1.4.1	Transfer Learning	11
Figure 1.5	ResNet-50	12
Figure 1.6	CNN Architecture	14
Figure 1.7	T-s diagram of the vapour compression cycle	16
Figure 1.7	Processes of the refrigeration	16
Figure 3.1	Activity diagram	26
Figure 3.2	Use Case Diagram	27
Figure 3.3	System design data flow diagram level-0	28
Figure 3.4	System design- data flow diagram level-1	29
Figure 3.5	System Design Data flow diagram level-2	30
Figure 6.1	VGG16 Accuracy Visualization	43
Figure 6.2	VGG19 Accuracy Visualization	45
Figure 6.3	Resnet50 Accuracy Visualization	47
Figure 6.4	Basic CNN Accuracy Visualization	49

LIST OF TABLES

Table No.	Name of Figure	Page No.
Table 1.1	Storage conditions of potato	15
Table 5.2.1	Unit Testing Case 1	39
Table 5.2.2	Unit Testing Case 2	40
Table 5.2.3	Unit Testing Case 3	40
Table 5.2.4	Unit Testing Case 4	41
Table 5.2.5	Unit Testing Case 5	41
Table 5.2.6	Unit Testing Case 6	42

CONTENTS

Chapter No	Chapter Title	Page No
01	INTRODUCTION	01
1.1	Overview	01
1.2	Problem Statement	03
1.3	Significance and Relevance of Work	03
1.4	Objectives	04
1.5	Methodology	04
1.6	Design of Cold Storage Structure For Potatoes	15
02	LITERATURE SURVEY	17
03	MODEL DESIGN	26
3.1	Activity Diagram	26
3.2	Use Case Diagram	26
3.3	Model Design	28
3.4	Heat load factors normally considered in a cold storage design	31
04	IMPLEMENTATION	34
05	TESTING	36
5.1	Methods Of Testing	37
5.1.1	Unit Testing	37
5.1.2	System Testing	38
5.1.3	Functional Testing	38

5.1.4	INTEGRATION TESTING	39
5.1.5	USER ACCEPTANCE TESTING	39
5.2	Test Cases	39
06	PERFORMANCE ANALYSIS/RESULT	43
07	FEASIBILITY STUDY	54
7.1	ECONOMICAL FEASIBILITY	54
7.1	ECONOMICAL FEASIBILITY	54
7.3	SOCIAL FEASIBILITY	55
08	CONCLUSION & FUTURE ENHANCEMENT	56