

# **PROJECT REPORT**

## **A NOVEL METHOD FOR HANDWRITTEN DIGIT RECOGNITION SYSTEM**

**Submitted By**

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## 1. INTRODUCTION

1.1 Project Overview

1.2 Purpose

## 2. LITERATURE SURVEY

2.1 Existing problem

2.2 References

2.3 Problem Statement Definition

## 3. IDEATION & PROPOSED SOLUTION

3.1 Empathy Map Canvas

3.2 Ideation & Brainstorming

3.3 Proposed Solution

3.4 Problem Solution fit

## 4. REQUIREMENT ANALYSIS

4.1 Functional requirement

4.2 Non-Functional requirements

## 5. PROJECT DESIGN

5.1 Data Flow Diagrams

5.2 Solution & Technical Architecture

5.3 User Stories

## 6. PROJECT PLANNING & SCHEDULING

6.1 Sprint Planning & Estimation

6.2 Sprint Delivery Schedule

6.3 Reports from JIRA

## 7. CODING & SOLUTIONING (Explain the features added in the project along with code)

7.1 Feature 1

7.2 Feature 2

7.3 Database Schema (if Applicable)

## 8. TESTING

8.1 Test Cases

8.2 User Acceptance Testing

## 9. RESULTS

9.1 Performance Metrics

## 10. ADVANTAGES & DISADVANTAGES

## 11. CONCLUSION

## 12. FUTURE SCOPE

## 13. APPENDIX

Source Code

GitHub& Project Demo Link

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