CSE326: Software Engineering
Final Project Proposal

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1 Introduction

1.1 Project Overview and Statement of Proposal

OCR (Optical Character Recognition) is a technique where an machine attempts to parse images, or a stream of images, into a matched set of some written alphabet–often just a set of alphanumeric characters. OCR is used in banking, note taking applications, and many other services on a daily basis. One of the most common

implementations of OCR is the use of neural networks, often through supervised learning methods. We propose to create a simple neural network that will be trained and tested to classify a single image into an alphanumeric character.

1.2 Project Scope and Objectives

The initial scope of the project is the create a simple Optical Character Recognition using a neural network using supervised learning techniques to test and train our model.

2 Risk Management Strategy

2.1 Risk Table

Risks	Category	Probability	Impact	RMMM
a	b	c	d	e

2.2 Discussion of Risks to Be Managed

2.3 Risk Mitigation, Monitoring, and Management Plan

2.3.1 Risk Mitigation