1 Introduction
- 1.1.1 Societal Problem
- 1.1.2 Current Parts of speech and lexical bundle identification Methods
- 1.1.3 Statistics
- 1.1.4 Solution Overview

1.2 Purpose (Lab 1: Product Description)
- 1.2.1 Providing a tool for aiding ESL students in learning English
- 1.2.2 How It Will Be Used
- 1.2.3 Who Will Use It (Lab 1: Target Market Customer Base)
- 1.2.4 What It Will Do (Lab 1: Product Features & Capabilities)
  - 1.2.4.1 Identify Parts of speech in a text document
  - 1.2.4.2 Uniquely color identified requested parts of speech
  - 1.2.4.3 Insert slashes to break text into lexical bundles
  - 1.2.4.4 Display lexical bundles in a speed controlled reader
- 1.2.5 What It Won't Do

1.3 Scope
- 1.3.1 Old Dominion University
  - 1.3.1.1 English as a Second langage Class sections

1.4 Definitions and Acronyms - See Glossary

1.5 References - See References (Lab 1)

1.6 Overview Summary of Product Specification Contents

2 General Description

2.1 Prototype Architecture Description
- 2.1.1 MFCD (Prototype)

Figure: MFCD
- 2.1.2 Prototype Algorithms
- 2.1.3 Single Page Application
  - 2.1.3.1 Shell
  - 2.1.3.2 Color Module
  - 2.1.3.3 Slashed Reader Module
- 2.1.4 Virtual Machine
  - 2.1.4.1 node.js
  - 2.1.4.2 ngnix
  - 2.1.4.3 MySql

2.2 Prototype Functional Description

2.3 Interfaces
- 2.3.1 Hardware Interfaces
  - 2.3.1.1 N/A
- 2.3.2 Software Interfaces
  - 2.3.2.1 JavaScript webserver interfaces
  - 2.3.2.2 Database interface
- 2.3.3 User Interface
  - 2.3.3.1 Browser