**CHAPTER 1**

**INTRODUCTION**

In this chapter, we discuss the concept of Stylistics and Linguistics and the domain of Applied Linguistics. Following the introduction to the domain, we state the challenges and opportunities faced. Then we present the problems in this domain and the problem chosen for the project. Later describe the problems for which we have attempted to provide a solution. Lastly we provide practical applications to our project.

* 1. **Introduction to the domain**
     1. **Linguistics**

Applied linguistics is an interdisciplinary field. It identifies, investigates, and offers solutions to language-related real-life problems.

Linguistics is the scientific study of language. It comprises of a large number of sub disciplines, for instance, phonetics (study of speech sounds) and semantics (study of meaning inference). When associated with Computer Science, it involves natural language processing, and corpora – a large and structured set of text.

**1.1.2 Stylistics**

Stylistics is a branch of linguistics that deals with the study and interpretation of texts in regard to their linguistic and tonal style. It attempts to explain and classify choices made by individuals and social groups in their use of language. Stylistics can be applied to areas like discourse analysis and literary criticism.

* 1. **Challenges and Opportunities**

Applied linguistics is a popular domain. However, there is little practical implementation in the field of stylistics. Theoretic analysis of style of writing, and formation of sentences, etc. exist. But, an implementation of a stylistic analyser has not been done so far.

* 1. **Problems Identified**

We identified the challenger and opportunities presented by the domain and narrowed down on a specific problem statement for the project. The following are a list of issues pertaining to the problem statement:

* + - Listing and segregating rules of style
    - Evaluating a piece of text according to those selected rules of style
    - Identifying and creating a shortlist of readability scores
    - Calculating readability scores for a piece of text
    - Obtaining a collection of commonly used templates
    - Implementing adherence to a template
    - Collecting a list of commonly misused words
    - Understanding common mistakes in Indian English
  1. **Applications**

The following are the applications of linguistics:

* + - Speech pathology
    - Language teaching
    - Natural language processing
    - Conversation analysis