**CHAPTER 14**

**FUTURE SCOPE**

As the project comes under a new and upcoming research domain, there is a lot of scope for more enhancements as well as more research opportunities exist. Applied Linguistics, as a research topic, will be very helpful in the near future. Our implementation of this project has been restricted by the information collected from the various corpora and parsers. Due to the unavailability of time and infrastructure, we have not been able to implement this project by considering the scalability aspect. In this section some of the enhancements possible to our implementation in different sections, starting with functional improvements have been listed.

**14.1 Functional Improvements**

This section lists some of the improvements that can be incorporated to the existing implementation of this project:

* Collect information from more resources – books, corpora, newspapers etc.
* Use better parsers – currently the system is restricted by the parser it uses. NLTK parsers though more efficient than other contemporary parsers, it is still far away from being perfect.
* Generate a larger pool of misused phrases in Indian English
* Generate a larger pool of misused words in English
* Use better mechanism for syllable counting
* Include words that are not a part of American English in syllable counting
* Introduce context based analysis
* Generate a document with corrections implemented
* Detect the genre of writing
* Use stylistics evaluation for establishing authorship of a document
* Save the document in xml format with the purpose, readability, comments, etc. encoded
* Have a local copy of the frequency distribution of the words stored in order to increase the speed of processing
* Include checking the text for appropriate punctuation
* Automatic correction of errors detected
* Include languages other than English as well

**14.2 New approaches**

This section lists a few new approaches that can be incorporated into our implementation.

* Host the application on the web so that it is more accessible
* Collect user feedback and incorporate them.
* The application can be incorporated with speech to text conversion.