

5. Summary

5.1 Brief Description

Our team is developing a stand-alone desktop application that provides spell-checking functionalities for text documents. The application will check individual words within a given document against a dictionary of correct words. If an error is detected, the application will present a range of correction options, including manual and automatic suggestions. Additionally, the application will be able to identify and correct instances of improper capitalization and repetition errors. Our software will also support the use of a user dictionary, allowing users to select their preferred dictionary for use within the application. During operation, the application will provide metrics such as word count, misspellings, and repeated words in the document and report these to the user upon completion of the spell-checking process. To manage user data, we will implement a multi-user account system. This system will store user data, including an administrator account that provides access to configuration files and the ability to overwrite existing files. Finally, our application will allow users to exit at any time without losing data and offer accessible help resources within the application if they require assistance.

5.2 Table of Terms

The technical document includes a table of terms, notations, and acronyms that serves as a reference tool for all stakeholders. The definitions provided in the table are clear and concise, and are intended for those without a technical background. The purpose of the table is to facilitate understanding of technical terms and abbreviations used throughout the document.

Term	Definition
Use Case	A set of actions that outline the user's interaction with the system in order to accomplish a predetermined objective
Non-Functional Requirements	Specifications outlining the expected performance of a system, including parameters such as response time and reliability.
Functional Requirements	Specifications that outline the functionalities and capabilities a system must possess.