# REQUIREMENTS DOCUMENT

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| **Date Submitted:** | 7/22/2021 @ 11:59 pm |
| **Application Title:** | Baker\_9\_3 |
| **Purpose:** | Write a program that uses a dictionary to assign "codes" to each letter of the alphabet. The program should open a specified text file, read its contents, then use the dictionary to write an encrypted version of the file's contents to a second file. Each character in the second file should contain the code for the  corresponding character in the first file. Write a second program that opens an encrypted file and displays its decrypted contents on the screen. |
| **Program Procedures:** | User will run program, program opens txt file, reads its contents, program will encrypt txt file and create a file to store the encryption in. |
| **Algorithms, Processing, and Conditions:** | 1) Program opens file  2) Reads contents  3) Encrypt txt file contents  4)Generates text file to store encryption contents. |
| **Notes and Restrictions:** | Generated txt file should hold encryption contents. |
| **Comments:** | CODE source File is gained from the D2L repository for source code |