

User Guide

The main purpose of this project is to demo the polyalphabetic cipher functionality.

System Requirements: Software runs on Windows OS, as it is built on .Net Framework.

Prerequisites: .NET Framework 4.5.2, should be installed on windows computer, Visual Studio 2015 to view the source code

Instructions:

1. Install the project using "setup.exe" or "Viswanath_Pamarthi_Project1.application".
2. Find the project installed in the start menu of the computer as "Viswanath_Pamarthi_Project1".
3. open the "Viswanath_Pamarthi_Project1" project.
4. on the user interface, click the "Browse Input File" button to select the input file, the input file should be a text file
5. Select either Encrypt or Decrypt radio buttons.
6. Click the "Run" button to perform either encrypt or decrypt based on your choice in the step 5.
7. Make sure to browse the appropriate file while switching between encryption and decryption
8. The output file name for the encryption process is the inputFilename + __Ciphertext.txt
9. The output file name for the Decryption process is the inputFilename + __Plaintext.txt

Bonus Note:

1. "encrypt/decrypt a given message with special characters, numbers and punctuations" has been implemented.
2. User Interface is implemented