Technical Design Document

Name: Victor Huynh

Date Created: 8/27/24

Program Description: This program will ask the user if they would like to use the magic eightball. The program will then use the magic eightball program and return a statement to the user. This will continue until the user says no.

Functions:

filecreate

Description: This function will create the file that will generate the responses of the eight ball. It will writelines in the file that is connected to the sent variable. It will then close the file.

Parameters: None

Returns: None

main

Description: This function will run the filecreate function to first create the file. Then it will ask the user if they would like to use the magic eightball and use a while loop to repeat if they would like to use the eightball. It would then ask the user to enter their yes or no question. It will then grab a random line from the file and then print it. Finally, it will ask the user if they would like to continue.

Parameter: None

Return: None

Variables:

asker- asks the user if they would like to use the eightball

randomline- it uses the random choice to choose a random line from the file

sent- it has all the responses from the eightball

Logical Steps

1. This function will first use a function called filecreate to make the file using the sent variable to write the lines of the code.
2. The main function will run filecreate and then ask the user if they would like to use the magic eightball from asker variable.
3. If yes then the program will ask their yes or no question and then spit out the eightball response. It will then ask the user if they would like to continue.
4. If no then the program will end.

Repository Link- https://github.com/victorhuynh26/COP-2373