User Guide (Player)

# Instructions to run script

1. Ensure the latest version of python and Visual Studio Code are installed on your computer.
2. Open Visual Studio Code.
3. In the top-left corner, select ‘File’, then ‘Open Folder’.
4. Select the folder containing the hangman and admin scripts. (if downloaded to D://psec, navigate to D://psec)
5. Select ‘hangman.py’ in the Explorer bar found on the left side of the screen.
6. Press the ‘play’ arrow in the top-right corner of the screen. This executes the hangman program.

# Navigating the program

1. When the program is executed, you will be prompted to enter a username. This username can only contain uppercase letters, lowercase letters, ‘-‘ and ‘/’ characters.
2. Upon successful login, you will be presented with 3 options.
3. Option 1 will run the hangman game.
   1. You will first be presented with a difficulty selection. You may choose between the following difficulties:
      1. Simple words - single word of maximum 9 characters
      2. Complex words - single word of minimum 10 characters
      3. Simple idioms - phrase of maximum 7 words
      4. Complex idioms - phrase of minimum 8 words
   2. After selecting a difficulty, the game will start. Each game set will consist of a certain number of attempts as well as a certain number of words determined by the admin. By default, there are 3 attempts in each game set, and each attempt consists of 3 words.
   3. For each word, you can keep guessing letters until you have reached the maximum of 5 incorrect guesses or you have successfully guessed all the letters in the word. Each correct guess will give you 2 points while incorrect guesses do not give or remove points. In the entire game set, you can only have a maximum of 30 points.
   4. Whether you have fully guessed the word or reached maximum incorrect guesses, you will be allowed to pick whether to continue on to the next word in the attempt.
   5. When guessing, you may also enter ‘!’, which will allow you to use a lifeline. You may only use a maximum of 1 lifeline per word and 2 lifelines per attempt. The 2 lifeline options are:
      1. Show vowels – displays all vowels in the word
      2. Show definition – displays the definition of the word
   6. After each attempt, you will be allowed to pick whether to continue on to the next attempt.
   7. Upon completing the game set, the program will display your total points. If you have >15 points, you won! If your have <15 points, you have lost, but don’t be discouraged, you can try again!
   8. After completing a game, you will return to the main menu.
4. Option 2 will display the top scorers of the hangman game. The number of top players shown is determined by the admin.
5. Option 3 will exit the hangman program.