GHOST; the word game

Summary: GHOST is a word game where players take turn adding letters to a word. The first to spell a complete word that is greater than 3 letters **loses**. When adding a letter to the word, you must ensure that you are spelling the beginning of a valid word. The strategy is to corner your opponent into having no choice but to complete the word and lose the game.

The rules of GHOST:

- GHOST is a two-player word game
- Player 1 starts by entering a letter
- Player 2 adds a letter to the first letter.
- The players continue taking turns adding letters
- Each new letter must continue to spell the beginning of a real word
- If a player adds an invalid letter to the word, this player gets a strike and they must repeat their turn.
- Once a player gets 3 strikes, or completes a valid word longer than 3 letters, that player loses and the other player wins.

Your task:

- Create a game of GHOST to be played on the command line by 2 players.
- The game will randomly choose whether player 1 or player 2 starts first.
- Each player will take their turn by entering a letter in the command prompt
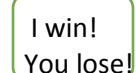- If the player makes an incorrect entry (the player enters anything other than a single letter, e.g. a number, or more than one letter), that does NOT count a strike, however that player will be prompted to repeat their turn
- If the players makes an invalid move (the player enters a single letter, but that letter does not form the beginning of a valid word), that DOES count as strike and the player is also prompted to repeat their turn
- If a player accumulates 3 strikes, or completes a valid word, that player loses and the game ends. The other player then wins

Scenario: The first person to spell a complete, real word LOSES

Scenario: Only real words that have more than 3 letters make you lose

R

RA

This word is only 3 letters, so this player does not lose

RAT

This word is 4 letters, so this player does lose

RATE

I win!
You lose!

Scenario: When taking your turn you must only add letters that form the beginning of a real word.

R

RA

RAZ

This move is invalid because there is no word in the English language that starts with 'RAZQ'

RAZQ

That's not a valid move! Try again!

The player on the right now has one strike. They must repeat their turn.

This is a valid move because there are words in the English language that start with RAZO ('Razor' for instance)

RAZO