# Data Dictionary

## General

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item | Type | Format | Description | Example | Validation |
| alphabet | string | “aaa…” | Holds the string on unguessed letters | “abc-ef…” | must be 26 long |
| vowels | string | “aaaaa” | Stores the possible correct guesses | “aeiou” | Should contain all the vowels |
| correctGuesses | string | “a--…” | Stores the correct guessed letters | “-e—u” | Must be as long as vowels |
| remainingGuesses | int | nn | Keeps track of how guesses and controls the game loop | 9 | Must be > 0 |
| guess | character | “a” | A single letter guess. If guess = “Q” then must quit | “n” | Must be lower case letter or Q |
| i | int | n | Index of current correct guess in vowels | 2 |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |