

Kevin Paganini – Bug Bounty v2

Team J Bug:

General Description:

Wrong highlighting of incorrectly positioned letters.

Include the steps you used to create the issue

I simply played the game and looked at what the target word was in the prompt. After figuring out the target was BOUND, I started finding guess words that had two of the same letters that were in the target word. I found the word ALOOF. Aloof has the letter “O” in it twice, however it is only found in the target word once. Therefore, when guessing this word, only one “O” should be highlighted as in the incorrect position. The other letter should be marked as completely incorrect. However, as seen in the below screenshots both “O” are highlighted yellow.

Screenshot the error/problem:

Both “O” are highlighted yellow when only one should be highlighted yellow, (preferably the first one).

Target: BOUND

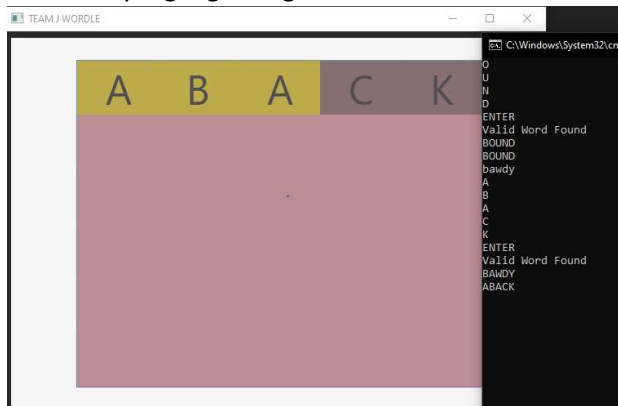
Incorrectly highlighted guess word: ALOOF



Here is another screenshot replicating the same issue in a different instance of the game:

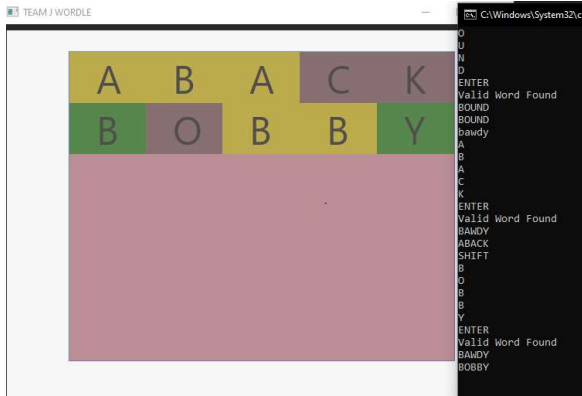
Target: BAWDY

Incorrectly highlighted guess word: ABACK



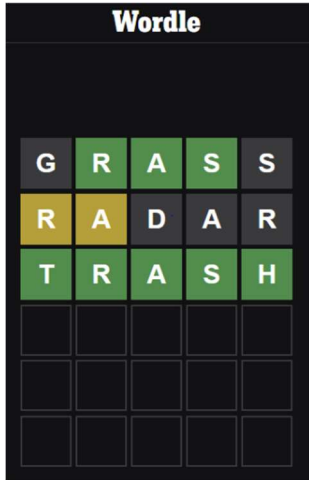
This also happens for letters that are in the correct position:

Here is an example of one of the letters being in the correct position and the same letter appearing in the word again, but in the incorrect position:



This coloring insinuates that there are three “B” in the target word.

Here is a screenshot from the official wordle showing how the correct highlighting should work.



As seen here only one “R” and one “A” are highlighted yellow, not both.

How to replicate:

Since this bug depends on what the target word is, this is a little harder to replicate. With that being said, one can simply look at the word outputted to the command prompt and then find guess words that have a letter that is in the target word twice. You will then see that both letters are highlighted yellow when only one is supposed to be. Since this issue depends on the target word, I wanted to include multiple examples of this bug happening and show that you can do this in basically any instance of the game as long as you can find a guess word that has the same letter twice in it and that that letter is also in the target word.

I did not want to post all of these screenshots in the teams chat, because I think they got the point with the first one already. Posting anymore screenshots would have made me feel bad.

Screenshot of the teams chat for grade:

SS

General

Posts


Files

Meet


KP

Paganini, Kevin 6:16 PM

Target: BOUND



Target was bound. Guess was aloof. Bound only has one "O" in it, however two O's get painted yellow when only one is supposed to be. Here is how it looks like in the official wordle when you guess two of the same letter in the incorrect position, and only one is in supposed to be in the word.



SS


General

Posts

Files

Meet

Target was bound. Guess was aloof. Bound only has one "O" in it, however two O's get painted yellow when only one is supposed to be. Here is how it looks like in the official wordle when you guess two of the same letter in the incorrect position, and only one is in supposed to be in the word.



Steps for recreating: Start the game, see what the target word is and guess a word that has two of the same letters in it, but both in the incorrect position.