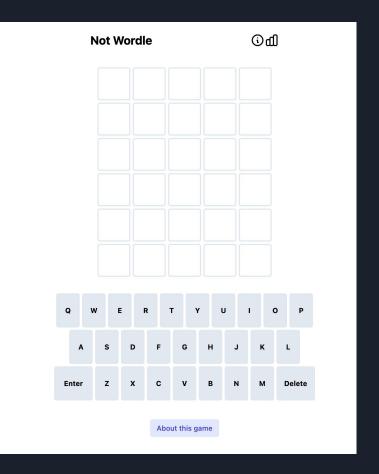


Group 8: Richard Fan, Biranugan Pirabaharan, Noel Zacharia

Objective

To create an improved version of the game
 Wordle

Provide additional functionality and features



What is Wordle?

How to play

Your objective is to input letters corresponding to the number of columns available in the game board and hit submit.

You can only submit valid words and after each guess, the color of the tiles will change to show how close your guess was to the word.



The letter W is the word and in the correct spot.



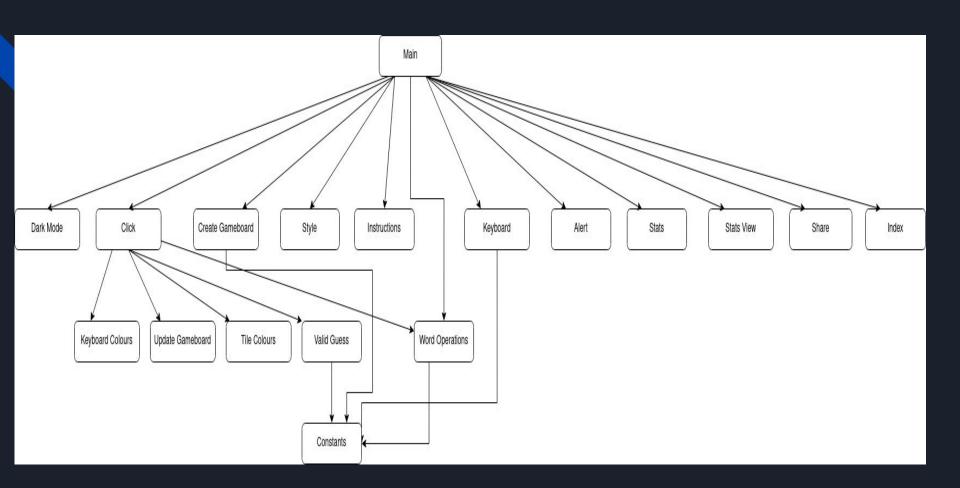
The letter L is in the word but in the wrong spot.



The letter U is not in the word in any spot.

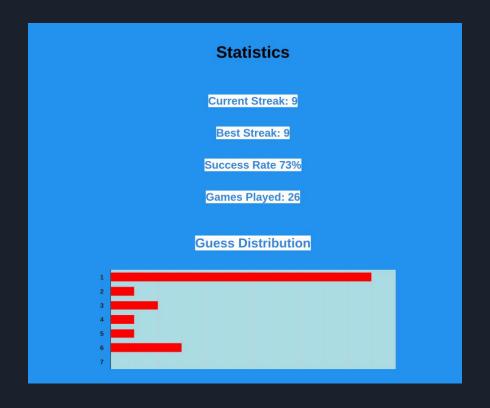
Current Implementation: Wordle 2.0

- Utilized HTML, CSS & JS to replicate the Wordle functionality
- Selenium for Testing framework
- Portability and Installability were actively ensured
- Modular code structure



Features Implemented

Player Statistics

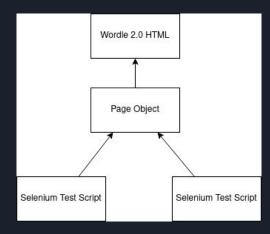


Dark Mode

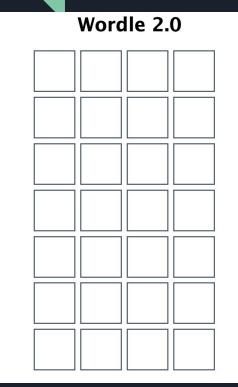


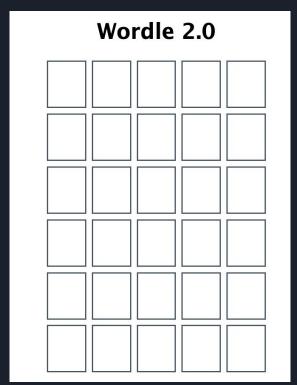
Testing

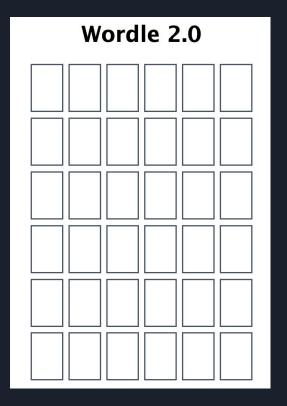
- 40 test cases to ensure proper functionality
- Page object model used in automated tests
- Usability survey yielded positive responses



Different Word Lengths







Over 2000+ words for each length

```
"dame",
                           "defeat",
             'shall',
"damn",
                           "defect",
             'harry',
"damp",
                           "defend",
             'stove',
"dams",
             'lowly',
                           "define",
"dank",
             'snout',
                           "degree",
"dare",
             'trope',
"dark",
                           "delays",
             'fewer',
"darn",
                           "delete",
             'shawl',
"dart",
                           "demand",
             'natal',
"dash",
                           "demons",
             'fibre',
"data",
             'comma',
                           "denial",
"date",
```

Randomly generated each game

 Original wordle list for the 5 letter words

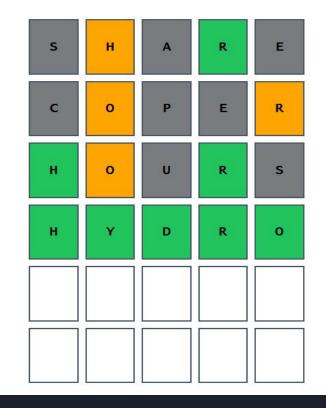
Share as an Emoji





Copied to clipboard

Wordle 2.0



New Game Option

- Available on page refresh
- Unlike original, allows for unlimited plays each day

DEMO

THANK YOU