

# WORDLE

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# Description

- Guessing game where the user has six chances to guess a five letter word
- The user will type in a word, and the application will respond by telling the user which letters they guessed correctly, and if they are in the correct location
- Both the interactive, on-screen keyboard and the game board will update after each guess
- The user's goal is to guess the word in the fewest possible number of guesses
- The five letter word is selected randomly from a database with thousands of possible choices; if a player guesses a word correctly, they will not be able to guess that word again
- The user will be able to do the following:
  - Register an account
  - Log in and out of their account
  - View their all time statistics and a scoreboard comparing all users' stats
  - View the instructions for the game
  - Play the game

# Tools

Project tracker - Github Projects Board

Rating: 4/5

Database - PostgreSQL

Rating: 4/5

UI Tools - HTML, CSS, Bootstrap - 4/5

EJS - 2/5

VCS Repository - GitHub

Rating: 5/5

IDE - VSCode & WebStorm

Rating: 5/5

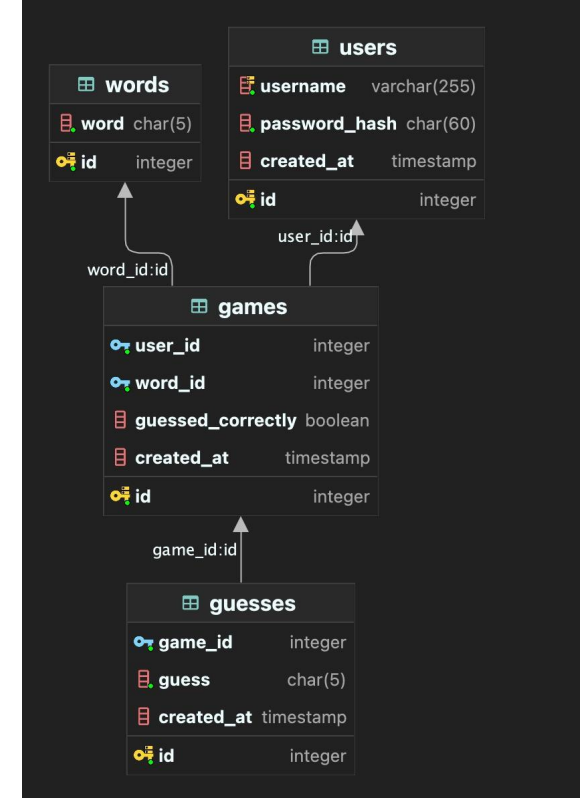
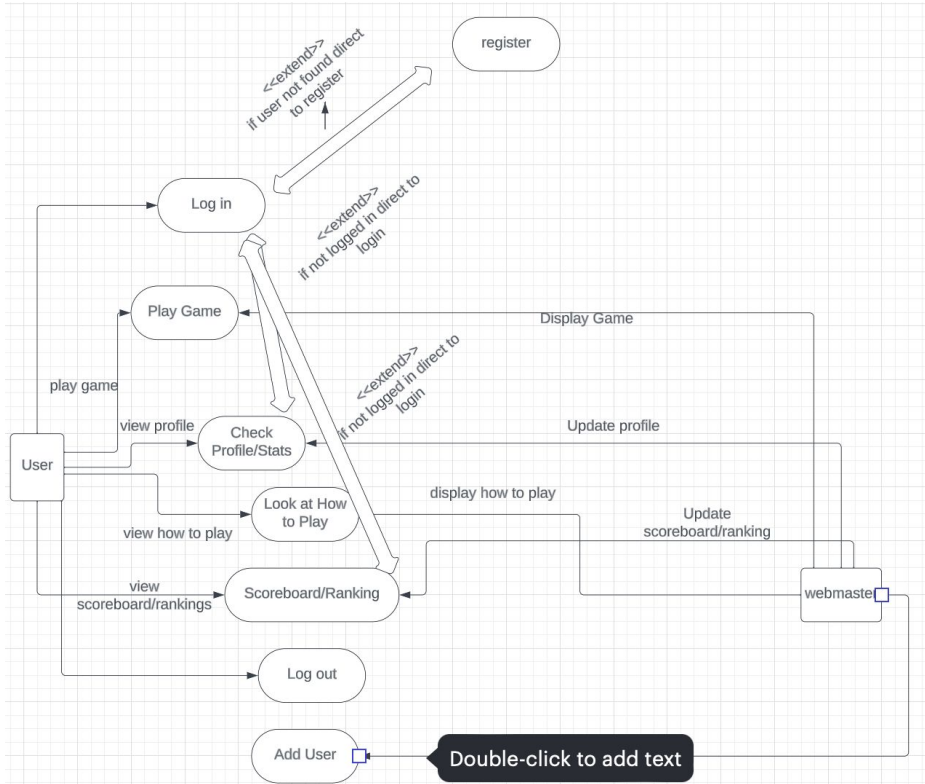
Application Server - Node with Express

Rating: 4/5

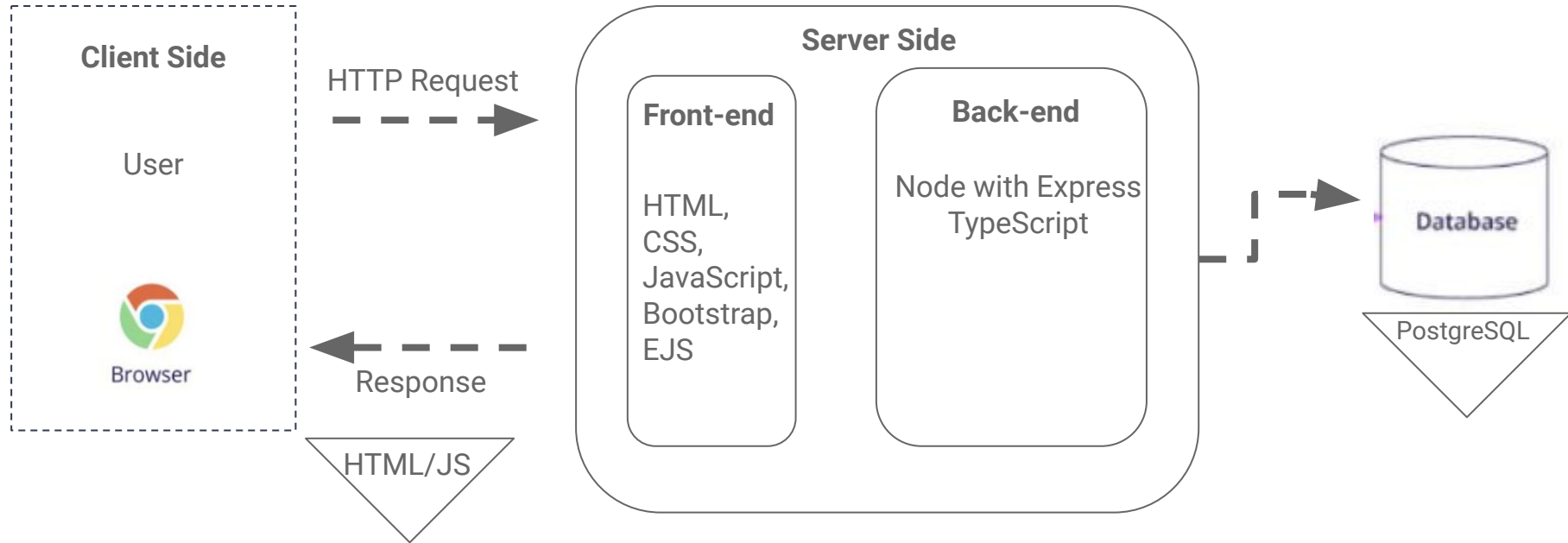
Deployment Environment - Docker on Azure

Rating: 3.5/5

# Use Case Diagram & ERD




# Architecture Diagram




# Views

W O R D L E

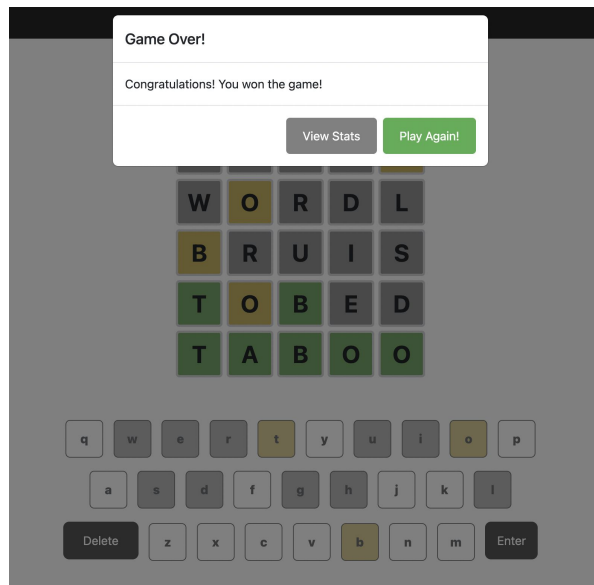
## Login





Login

Don't have an account? Register



## How To Play:

**Goal:** Guess the word in as few guesses as possible!

### Instructions:

- Enter a five letter word
- Watch the colors of the tiles change after your guess
- If you cannot guess the word in six tries, you lose the game
- Compare your stats with other players at the end of each game
- Check your all time score and statistics by pressing the stats button at the top

### Understanding the colors:

- If a letter is **GREEN**: the letter is in the word **and** in the correct position
- If a letter is **YELLOW**: the letter is in the word **but** it is in the wrong position
- If a letter is **GRAY**: the letter is **not** in the word

## Global Scoreboard

Position	Username	Total Points	Games Played	Average Points per Game
2	Ryan	1	1	1.00
1	Aidan	2	2	1.00
2	Ryan	1	1	1.00
3	bruh	0	1	0.00
4	Tai	0	6	0.00

# Partials

W O R D L E

[Play](#)

[How To Play](#)

[Login](#)

[Stats](#)

[Logout](#)

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# Challenges

- Scope creep - In the beginning we expanded way beyond what was actually required from our game and causes some confusion around priority and deadlines
- Time management - We all have different schedules with different priorities which caused some unwanted pressures and deadline conflicts
- Technical issues - Running into errors and allocating more time than we wanted into fixing them



# Project Demo

Q & A