

Project Progress Report : WordVerse

Team - GoGrowers

July 10, 2024

1. What Project Are We Working On?

- ▶ Concept: A game inspired by Wordle.
- ▶ Twist: Built entirely in Go (learning aspect).
- ▶ Purpose: Learning project for backend, frontend, and Go programming.

2. What We Have Done So Far

- ▶ **Interactive Interface in Progress:** We've built an user interface using React, HTML, CSS, and JavaScript. Get ready for a smooth guessing experience once it's connected to the game logic!
- ▶ **Smart Backend Ready:** The backend logic is complete! It can pick a secret word, check your guesses, and provide helpful feedback. Now we need to integrate it with the user interface.

3. Learnings so far

- ▶ Deep Dive into Go: We started from scratch with the Go language, mastering its core functionalities and exploring various modules like `rand` (random number generation), `math` (mathematical operations), `io` (input/output), `ioutil` (file handling for potential features), `time` (date and time manipulation), and `bufio` (buffered I/O). This in-depth exploration, including file handling, has given us a strong foundation for backend development in Go.
- ▶ Frontend Foundations: We built the user interface entirely from scratch, gaining a comprehensive understanding of front-end development principles. This includes working with React for component-based UI development, HTML for structure and content, CSS for styling and visual presentation, and JavaScript for interactivity and user input handling. We're now focusing on integrating this user interface with the backend to enable functionalities like sending user guesses (potentially using `fetch` API or libraries like `Axios`) and receiving feedback (by processing data received from the Go

5. Plan for Next Two Days

- ▶ Top Priority: Integrate game logic with the user interface for real-time chatbot interaction, bringing hints and cheers directly into the game!
- ▶ Future Focus: Make the chatbot even more interactive and fun to play with in the coming days! We'll be planning ways to enhance its functionalities for a more engaging WordVerse experience. (Combined the two points for clarity)