HANGMAN GAME: VERSION 1.0 RELEASE DOCUMENTATION

INTRODUCTION

We are pleased to announce the release of the Hangman Game Version 1.0, a sophisticated digital adaptation of the traditional word-guessing game. This version introduces a variety of features designed to challenge users and enrich their vocabulary, all while providing an engaging gaming experience.

KEY FEATURES AND ENHANCEMENTS

ENHANCED ACCESSIBILITY

- The game is now accessible on various digital devices, allowing users to enjoy it anytime, anywhere.

DIVERSE PLAY MODES

- **Free Play:** This mode allows users to play the game at a relaxed pace, free from time constraints.
- **Timed Mode:** In this mode, users are challenged to guess the word within a 15-minute timeframe, adding a level of urgency and excitement.

EDUCATIONAL ELEMENTS

- The game is not only entertaining but also educational. The integration of the Dictionary API provides users with definitions of words, enhancing their learning experience.

TECHNICAL SPECIFICATIONS

TECH STACK

- The game is developed using the Django Web Framework and Streamlit app framework, known for their reliability and efficiency. This combination ensures a seamless and interactive user experience.

APIS INTEGRATED

- **Random Word Generator**: This API is utilized to ensure a diverse and unpredictable gaming experience by providing an endless supply of random words.
- **Dictionary API**: This API is an essential educational component, offering users word definitions to enhance their vocabulary and understanding of the English language.

INSTALLATION GUIDE

1. Ensure that you have Python installed on your system, and then install Streamlit using pip by running the command: `pip install streamlit`.
2. Clone the game repository to your local machine using Git.
3. Navigate to the game folder in your terminal and execute the command: `streamlit run <filename>.py` to launch the game.

FUTURE PROSPECTS

We are committed to the continuous improvement of the Hangman Game. Future updates may include more complex word puzzles, the introduction of competitive multiplayer modes, and further enhancements to the user experience. We value user feedback and encourage our community to share their insights and suggestions.

We extend our sincere gratitude to everyone who has been part of this journey. Your support fuels our passion for delivering quality entertainment and educational resources. We invite you to experience the thrill of the Hangman Game Version 1.0. Happy guessing!