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With Deep Reverence,

Pranav Kulkarni

# ABSTRACT

**Word Search Game**

The "Word Search Game" project implemented in Java is a classic puzzle game where players search for words hidden within a table of letters. The game initializes with a predefined table of characters and allows users to input a word they want to find. The program checks for the word's existence in various orientations: horizontal, vertical, and diagonal (both left and right directions). Each search direction is implemented using methods that iterate through the table to verify the word's presence. Upon completion of the search, the program displays whether the word was found or not. This project enhances familiarity with Java programming concepts such as arrays, loops, methods, and user input handling, while also offering an interactive experience in solving word search puzzles.

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