

WEEK 2 REPORT

The project title:

Wordle Puzzle Solver

The URL to the GitHub repository:

<https://github.com/shanmukha-harsha/wordle-puzzle-solver>

Milestones with deadlines:

Week 1: Basic Flask & Github Setup.

Week 2: Authentication & Login

Week 3: Wordle Algorithm Implementation

Week 4: Frontend design and integration

Week 5: Testing and deployment

The algorithms/AI schemes used in the core engine:

Use heuristics to prioritize potential solutions based on their likelihood of being correct.

Consider word frequency statistics to prioritize commonly used words.

Analyze patterns and letter frequencies in the English language to guide the search.

Implement strategies like guessing common English words or words that share similar letter patterns with the revealed letters.

Describe the market space the application is related to and the selling points of your product:

The application targets users who enjoy playing Wordle and want assistance in solving the puzzles.

Selling Points:

Fast and accurate solving of Wordle puzzles.

User-friendly interface powered by Flask.

Customizable options for users to tailor their solving experience.