

Prepare your proposal

After settling on your app idea, your team should prepare a proposal together with the following details:

Vocabulary Buddy

Description of the project

Vocabulary Buddy is an interactive web platform designed to assist users in building and retaining vocabulary effectively. The platform enables users to add words they want to study, track their progress, and test their knowledge through personalized quizzes and trivia games.

Target audience

Students: Elementary to college students aiming to enhance their vocabulary for school or standardized tests.

General Public: Individuals interested in improving their language skills, particularly non-native speakers or professionals preparing for language certifications.

- **Features and functionalities**

Word Tracking:

Users can enter and save words they want to learn.

Persistent word list stored locally for easy access.

Study Mode:

Displays definitions, synonyms, antonyms, and example sentences for each saved word.

Quiz/Trivia Mode:

Generates customizable quizzes based on the saved word list.

Includes multiple-choice, fill-in-the-blank, and matching exercises.

Progress Tracking:

Tracks user performance in quizzes and offers recommendations for review.

Responsive Design:

Optimized for both desktop and mobile devices.

- How the project requirements listed below will be met.
 - What will the detailed form be used for? What other forms might you need?

Detailed Form Use:

A form where users can input a word, its definition, and optionally synonyms, antonyms, and example sentences.

Additional Forms Needed:

Registration/Login Form: For user authentication if needed in the future.

Quiz Configuration Form: To allow users to customize their quiz settings (e.g., number of questions, quiz type).

Search Form: To Find the word which words existed

- What data would you need to store in Local storage for persistence?

Stored Data:

User's word list: Including the word, its definition, synonyms, antonyms, and example sentences.

Quiz results: Storing scores and progress history.

- What data will your app need? Is there an API or will you need to build your own dataset in a json file?

Data Requirements:

Definitions, synonyms, antonyms, and example sentences for the words.

Data Source:

Use an external dictionary API (e.g., Oxford Dictionary API, Merriam-Webster API) to fetch word data dynamically.

Alternatively, build a JSON dataset for offline functionality with pre-defined vocabulary data.

- Where would it make sense to use a drop-down menu or modal?

The feature of drop-down menu will be executed in the nav menu that is going to be distributed to the header of all the pages.

- Where are opportunities to use CSS Animations?

Flip card: to check the definition of a word.



