-Goal of the website:

It will be an app designed to help consumers to translate the vocabulary and sign in and create flashcards based on their needs.

-What kind of users will visit your site? In other words, what is the demographic of your users?

Mostly useful for people who like to expand their vocabulary or want to prepare for English tests like IELTS or TOEFL. The website can be useful for people from all age groups.

-Data used

There will be at least two sources of data, data generated from the API and data provided by the user.

API data: from the API, I will be importing data related to the dictionary

User data: name, username, email, password, saved words, and test from the user

-Database Schema:

Users table with user data

Vocabulary table with data about the word

Many to many relationship table will relate users and words in our database

-API

We will be using the following:

https://dictionaryapi.dev/

-Functionality

Not logged-in users can only use the home page and real-time translation

Logged-in users are able to save vocabulary on our database

(Other features may be added)