

Project Idea: Weather Notifier

User 1(Brief User): When I wake up I don't have time to load the weather app or website, I need a daily briefing on the weather before I head out.

Non-functional: Easy-to-read and summarized notifications

Functional: Ability to specify weather information based on user location (city) and filter the most important information

ie. Temp, Heavy Wind, If it is going to rain, etc.

Functional: Generate summary notifications when the change in weather passes certain thresholds.

User 2(Invested User): Weather can be spontaneous and temperatures on plain charts don't always reflect how it is outside. Throughout the day, I would like constant reminders of changes in weather as well as a more "human" approach to how it feels outside.

Non-functional: Notifications that tell me how it "feels" outside

Functional: Formula that takes in variables such as temperature, wind, and sunlight to estimate the general warmth in the user's location

Functional: Toggle that allows for users to choose different focuses in their weather report, future facing(will there be a rainstorm in the next 2 days), suggestion on what to wear that given day based on sunlight, temperature, and wind conditions, etc.

Project idea: Web-app that sends users words in the language of their choice, for simple language learning.

User story 1: Person with an advanced level in a foreign language trying to broaden their vocabulary.

I am a user who is dedicated to language learning. I want to be able to not just learn new words, but see words I have previously learned and review them.

Non functional requirement: Users shall be able to review all words they have learned.

Functional requirement: Users are able to find and view a list of words the app has shown them.

Functional requirement: The list of previously learned words includes each word's definition below it.

User story 2: Person trying to acquire some basic vocabulary before visiting a country where they don't speak the language.

I am a user who is not very dedicated to language learning. I would like to see only one word and its definition so my learning can be as quick as possible.

Non functional requirement: The app shall include minimal information so the process of learning new words is quick and easy.

Functional requirement: Users are able to choose between "low/high involvement" modes.

Function requirement: The low involvement mode sends users one word a day and along with the word, includes only its definition. Information such as example sentences, pronunciation, and register is hidden unless "more information" is clicked on.

Please see PDF on Discord.