Lingo Voyage (a language learning app)

An interactive game that helps users learn new languages through quizzes and interactive exercises. The game will focus on vocabulary quizzes, grammar, and **speech recognition**.

**Features:**

1. **Multiple Language Support:** It will allow users select the language they want to learn and provide quizzes and exercises in that language.
2. **Vocabulary Quiz:** a vocabulary quiz where users are shown a word in the target language, and they need to select the correct translation from multiple choices.
3. **Grammar Exercises:** interactive grammar exercises, such as sentence completion or word ordering, to help users practice and understand sentence structures.
4. **Speech Recognition:** integration of a speech recognition feature, where users can practice speaking the language and receive feedback on pronunciation.
5. **Progress Tracking:** so users can see their improvement over time and track their learning journey.

Aspects to work on:

1. Set up user account (store user data)
2. Language selection
3. Vocabulary Quiz
4. **Grammar Exercises**
5. **Speech Recognition**
6. Track progress

**Technologies I’ll be using:**

HTML, CSS, and JavaScript for front-end development.

Web APIs for speech recognition.

JSON to store vocabulary and quiz questions.

Local storage to save user progress and settings.

**Why I’m developing this project?**

Lingo Voyage app is unique because it combines elements of education, interactivity, and real-world applications. With it, I can explore different aspects of front-end development, such as user interfaces, data handling, and game mechanics, while also focusing on user engagement and learning.

**APPLICATION INTERFACE**

The website will have multiple pages.

**Homepage (main page - links to other pages)**

**Navigation Bar**

Log in button

Sign up button

Language Selection – English, Yoruba, Spanish, Chinese

Inform user what program offers

Show learning progress (by setting up a profile)

**Responsive Design**

**Learn page (you can close this page if you choose to and return to learn page )**

Vocabulary Quiz

**Grammar Exercises**

**Speech Recognition**

**Responsive Design**

**Login page (user can close this page if you choose to and return to landing page )**

Account setup and login

Progress Tracking

**Responsive Design**

Application colour scheme

White background with buttons and links having a blend of lilac, soft pink, soft blue and soft greyish