

Team Project Phase 4

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User Manual

Setting Up the Environment

Download the Program:

Begin by downloading the program folder from the provided source. The program is not hosted online, so make sure to unzip the entire folder to your preferred location on your computer.

Installing the Program

Open the Homepage:

After unzipping the folder, navigate to the homepage of the program within the folder.

Running the Program

Exploring Recommended Activities:

The homepage contains a section titled "Recommended Activities," which includes interactive exercises for language learning.

Select Your Language Learning Practice:

In this section, you can choose to practice listening, reading, speaking, or writing skills. Each of these sections has a prototype feature to explore.

Subscribing to our Page:

Users are able to subscribe to our page by putting in their emails and clicking the subscribe button on the bottom part of the home page.

Using the Program

Listening Practice:

In the "Listening Practice" section, you'll find options such as Listening Practice 1, 2, 3, and 4.

Clicking on Listening Practice 1 will take you to a practice page featuring audio content and corresponding questions.

Utilize the "Check Answers" button to evaluate your responses. The program will provide feedback in various formats.

Reading Practice:

In the "Reading Practice" section, you can choose from Reading Practice 1, 2, 3, and 4.

Similar to the listening practice, selecting Reading Practice 1 will lead you to a practice page with reading passages and associated questions.

Use the "Check Answers" button to assess your answers and receive feedback.

Speaking Practice:

The speaking practice involves a chatbot that employs voice recognition technology.

Grant microphone access to your device when prompted to interact with the chatbot.

The chatbot will present questions and provide feedback based on your spoken responses.

Writing Practice:

In the "Writing Practice" section, you can pick from Writing Practice 1, 2, 3, and 4.

Choosing Writing Practice 1 will direct you to a practice page containing written prompts and areas for you to submit your answers.

Submit your responses using the provided button and receive feedback from the program.

High-Fidelity Prototype Description and Design Improvements

Our team has been dedicated to enhancing our high-fidelity prototype for the language learning platform based on valuable user feedback. We've incorporated substantial design improvements to ensure a more user-friendly and effective learning experience.

Key Features of the High-Fidelity Prototype:

Interactive Learning Activities: The high-fidelity prototype offers a range of interactive language learning exercises, covering listening, reading, speaking, and writing practices. These exercises have been refined for better engagement.

Comprehensive Feedback System: We have significantly enhanced the feedback system to provide users with more informative and personalized feedback. Users can now receive feedback in various formats, including written explanations, audio comments, and visual cues, enriching their learning experience.

Voice Recognition for Speaking Practice: Responding to user feedback, we have integrated voice recognition technology into the speaking practice. Users can engage in spoken dialogues with a chatbot that evaluates their responses and offers real-time feedback on pronunciation, intonation, and fluency.

Design Improvements Based on User Feedback:

Positive Feedback Improvements:

Clarity of Navigation: Users' ability to navigate smoothly has been maintained and improved by putting the navigation bar on top of each page.

Structured Content: Information presentation has been further refined for user understanding.

Informative Descriptions: Descriptions for each section have been made even more informative and some tips and tricks have been shared as well.

Clear Purpose: The clear purpose of the platform is retained with distinct sections for skills assessment, exercises, user profiles, and an about us page.

Recommendations: The inclusion of recommended activities and articles on the homepage has been optimized for a more personalized user experience.

Consistency: Consistency in navigation elements has been reinforced.

Negative Feedback Improvements:

Navigation: Users' annoyance with using the back button has been addressed by optimizing in-site navigation.

Privacy and Security: We have addressed user concerns by implementing robust privacy and data security measures.

Feedback Mechanism: A dedicated feedback page has been incorporated to allow users to share their suggestions and concerns.

Feedback for Exercises: Users can now receive feedback after completing exercises, enhancing the learning experience.

Chatbot Integration: A chatbot feature has been added to enhance user engagement and interactivity.