

Project vision and preliminary analysis  
Group 13 - Words Learning App

Group name: Lifruk

Members: Fiona Pruvost, Dominyka Rimova, Nikita Liakhov, Valeriia Rudenko

1) Vision of the project results

The app will be dedicated to children learning vocabulary of new languages (pronunciation and spelling of words). The application will be easy to use and will have several difficulty levels. Furthermore, there will be a quiz mode and a flashcard mode. In quiz mode, children must guess the written letter/word by selecting the right picture or guess the pronounced letter/word by selecting a picture or written letter. In flashcard mode, children will be able to use premade flashcards and make their own flashcards.

2) a) Preliminary analysis of the problem

Our target is children who want to learn the vocabulary (learning the first words, their pronunciation and spelling) of a new language.

Children need an easy way to use the application, many colors and pictures. Words to learn must be simple.

b) Functional requirements

- customizable flashcard mode;
- a simple user interface understandable by a child (easy to interact and understand);
- ability to select a difficulty level and a mode;
- ability to add written text and to upload images and voice recordings in customizable flashcard mode;
- in the quiz, indication of the correct/wrong answer;
- ability to choose between several languages (English, Lithuanian, Ukrainian, French).

3) Meeting notes (group meeting)

We discussed the vision of the project, the functionalities of the app (decided on main word learning modes and languages) and the questions we need to ask for the meeting with the client/supervisor in order to clarify our project. And we chose the group name: Lifruk (which stands for **L**ithuania, **F**rance and **U**kkraine).

4) A list of possible questions for the meeting with the client/supervisor

Is there a graphic charter?

How many languages could/should there be in the app?

What are the main, secondary and optional features?