Elders learning English for Europe

2021-1-PL01-KA220-ADU-000033465

ELENE APPLICATION

Elders Learning English for Europe

Czestochowa, 2023

_____

Authors:

Gabriela Ochoa-Dąderska – Instytut Badań i Innowacji w Edukacji – INBIE – Poland
Kacper Kotlewski – Instytut Badań i Innowacji w Edukacji – INBIE – Poland

Table of Contents

Introduction

Details and features

An application for learning English was created as part of the "Elders Learning English for Europe ERASMUS+" project (No. 1, 2021-1-PL01-KA220-ADU-000033465). Elene stands out as a unique tool for people who have started learning English and want to improve their skills by experiencing practical applications in travel scenarios.

The application uses the Situated learning method, which means that the user has the opportunity to learn English through real-life situations (while travelling) and adapt it to the appropriate situation through the catalogue of 30 lesson topics and more.

At the beginning of each chapter, there is a theoretical part where we discuss the most important topics. Varied in topics such as ship, train, plane and airport, the lessons are carefully designed to meet your needs. Then we will go to the vocabulary part, where we present the most important words and expressions, in which you can listen to an audio file. If you still have problems understanding the vocabulary or situations in the "Video" tab, play the videos for the appropriate topic to listen to or learn more about.

Dialogues are an important element of our application. Engage in purposeful dialogue during lessons and quizzes, covering specialized topic sections for each chapter. Quiz is a dynamic assessment tool that provides instant results, allowing users to assess their understanding of the text. The results and progress ranking are confidentially displayed only to the user. Get your score after each quiz to know how well you passed the given criteria.
All this makes learning English with our program much easier and more effective.

Additional educational materials in PDF format enhance understanding of various topics.

All methods are available and useful to master, and the time of help and assistance brings measurable results. Our application is not only a tool for learning English, but also a way for personal development.

The application uses the "Situated learning" method.

The application is personalized to make it easier for the user to use, e.g.:
● Lesson topics and menus are translated by the selected language using a button.
● the quiz has a personal ranking for your analysis of your progress.
● various topics developed with multimedia materials
● Learn by listening, watching, reading and using more of your senses to better remember what you learn

Technologies used

Text to Speech - In the case of flashcards, it allows you to read the words and listen. What is particularly helpful in learning English is that the user can know how to pronounce newly learned words.

webView - allows you to display pages, in our case, it is used to display movies with dialogues.

Ranking - personal ranking of progress in quizzes. Self-examination of your language skills.

Translation - translation with a button. The translation includes the translation of the main menu and topic titles

AI videos - videos created using AI technology to help improve your conversation skills.

Application Overview

Welcome screen

The elements on the first screen

On the main screen (welcome page), the text "Welcome to Elene" introduces you to the application, and you will find the ELENE project logo there. At the bottom, you will find the logos of all project partners.

There is a translate button in the upper right corner. It is used to select the user's native language to translate English words such as privacy policy, main menu and topics.
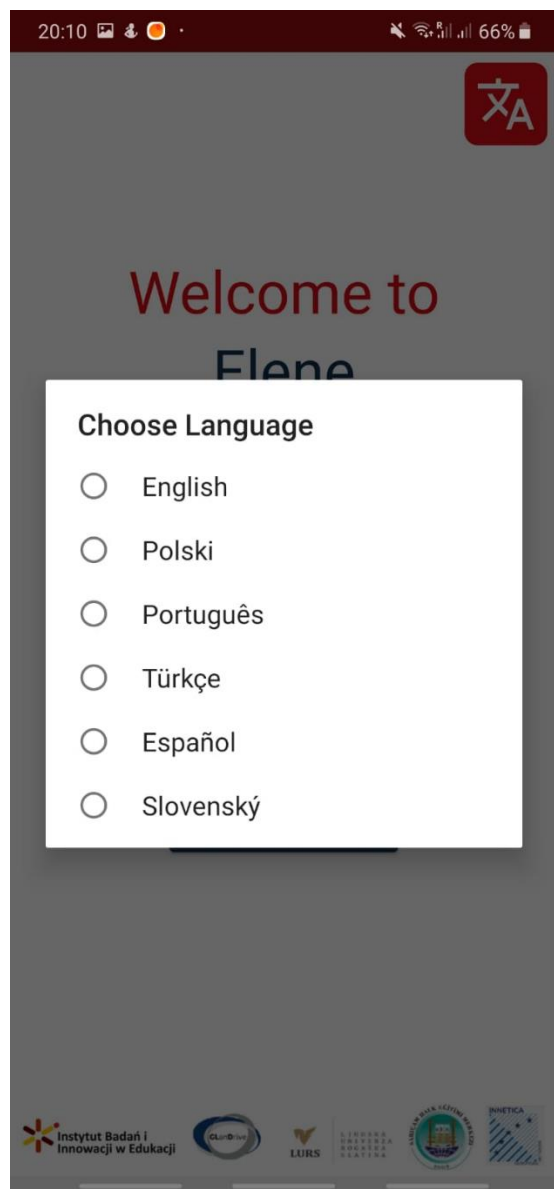
In the middle of the screen, there is a "Start" button, which allows you to enter the main menu of the application, below it the "Privacy Policy" button provides information about the application, user data and the law to inform the user about what to expect from the privacy of the application.

Below all the buttons there is a check box that blocks the user on the welcome screen until it is selected, without accepting the privacy policy user is not allowed to move further.
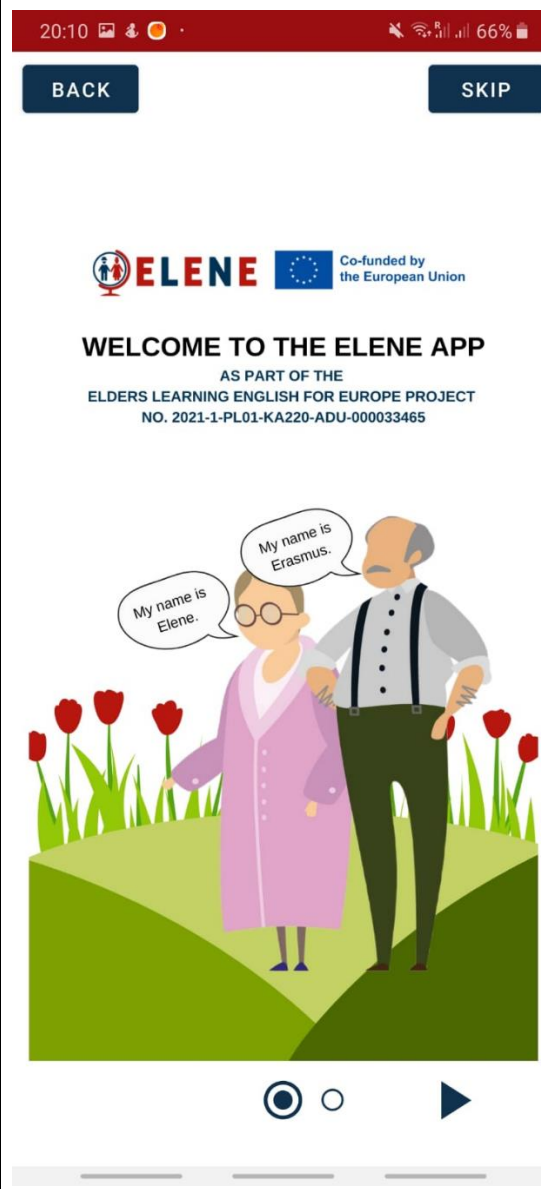
Different states of a welcome screen

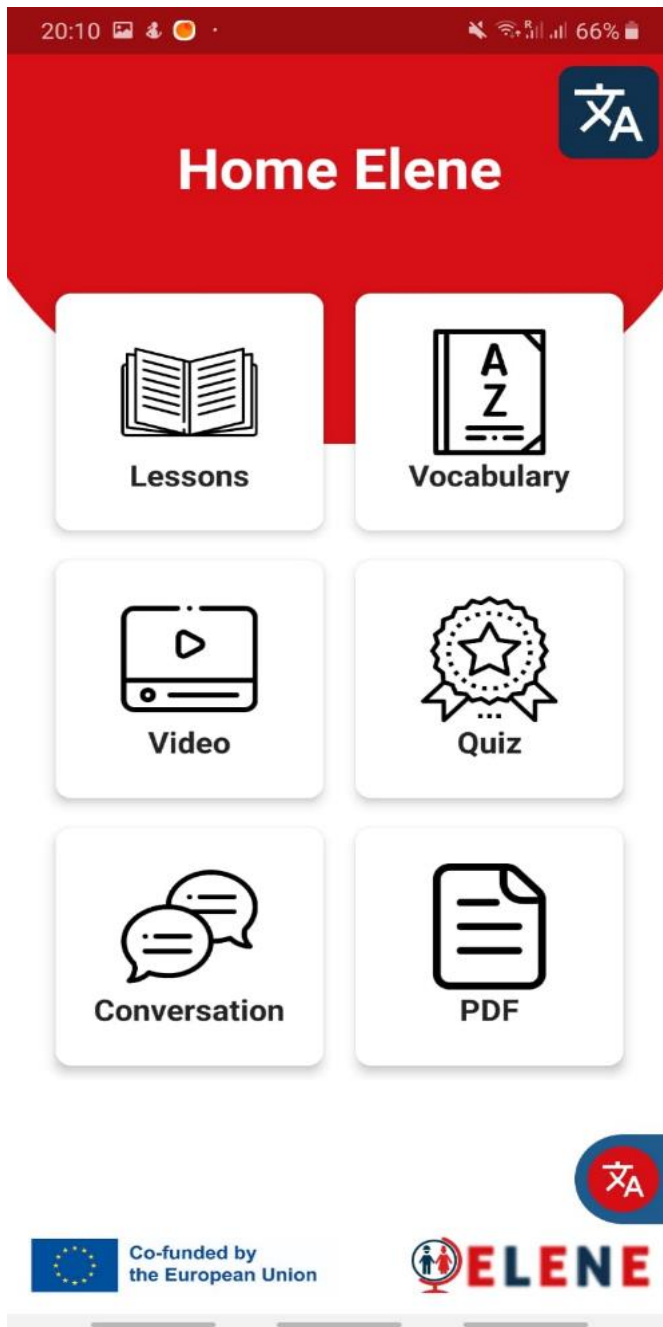| Selecting the native language by user	Tutorial on using the application

The Privacy Policy screen

This screen introduced the user to such information as:
- ID of the project (on top)
- Information about co-funder the European Union (bottom)
- And on the middle there is the privacy policy in the selected language

Privacy policy in English	Privacy policy in selected native language

The main menu screen

Description of the elements

On the main menu, we can find the upper part welcoming personalized messages, below that there is the Co-founder and logo.

On the right side on the bottom, we can find a button with a translation symbol, it is used to utilize something that we call Quick Translate.

In the middle, we can find 6 tiles with different content inside to discover. The tiles are:

- Lesson - pre-prepared lessons based on the PDF card content from the ELENE project
- Vocabulary - words, and images according to the word as well as reading to get familiarized with the word pronunciation.
- Video - the short movies with English words and sentences, very nicely animated and user-friendly.
- Quiz - the section with little tests to check your current knowledge from selected topics
- Conversation - You can find here, conversations examples so you can learn typical user interactions in different situations
- PDF - PDF materials created as part of the ELENE project

The Quick Translate

After holding the quick translate button the English names are changed to the selected language as native. Quick Translate is used to translate the words that you can find on the screen to the user's native language. The translation is not permanent and it is working until the user lifts his finger from the screen, this is to force the user to sink into English and use translation only as a little help if the user will lose themself.

Buttons are also located in categories. Just like in the menu, there is a button for it.

Before translation - in English	After translation - in Polish
At the museum / Passport control	W muzeum / Kontrola paszportowa

If you need to change your native language, no problem, you can change it in the main menu.

6 languages for selection
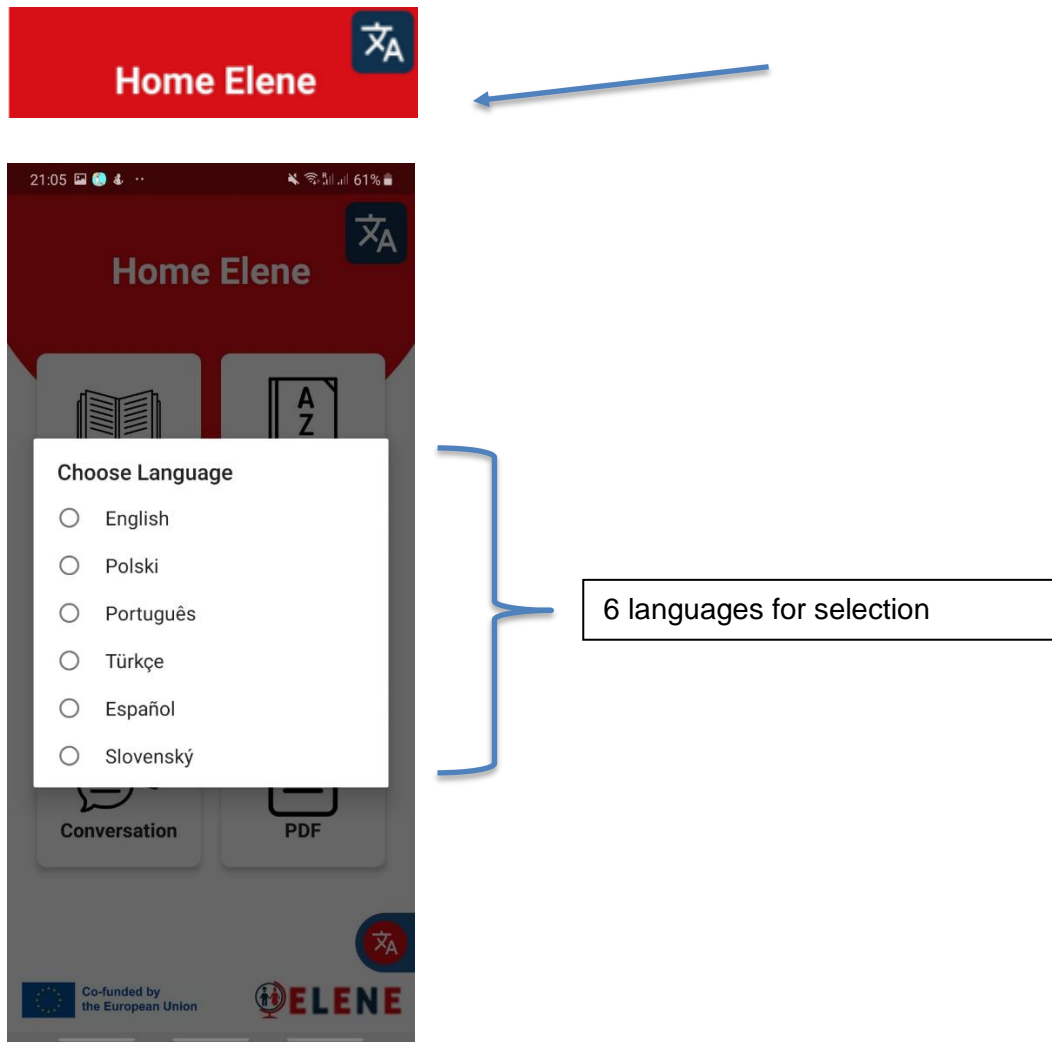
Lessons

The lesson section is split into two screens:
- The lesson menu - it allows a user to choose the lesson that he wants to learn
- The lesson screen - this screen contains a particular lesson for a selected topic

The lesson menu

On this screen, the user needs to select the lesson that he wants to learn.

Lesson menu (similar in most categories)	The lesson menu is translated with a button (similar in most categories)

Left screen

Icon	Label
👵 Hi	Honorifics
✈️🚢🚚	Transport
🛫 airport	At the airport
👩‍✈️✈️	On the plane
🏨 HOTEL	At the hotel
🏛️	At the museum
👮 passport	Passport control

Right screen

| Icon	Label
👵 Hi	Zwroty Grzecznościowe
✈️🚢🚚	Transport
🛫 airport	Na lotnisku
👩‍✈️✈️	W samolocie
🏨 HOTEL	W hotelu
🏛️	W muzeum
👮 passport	Kontrola paszportowa
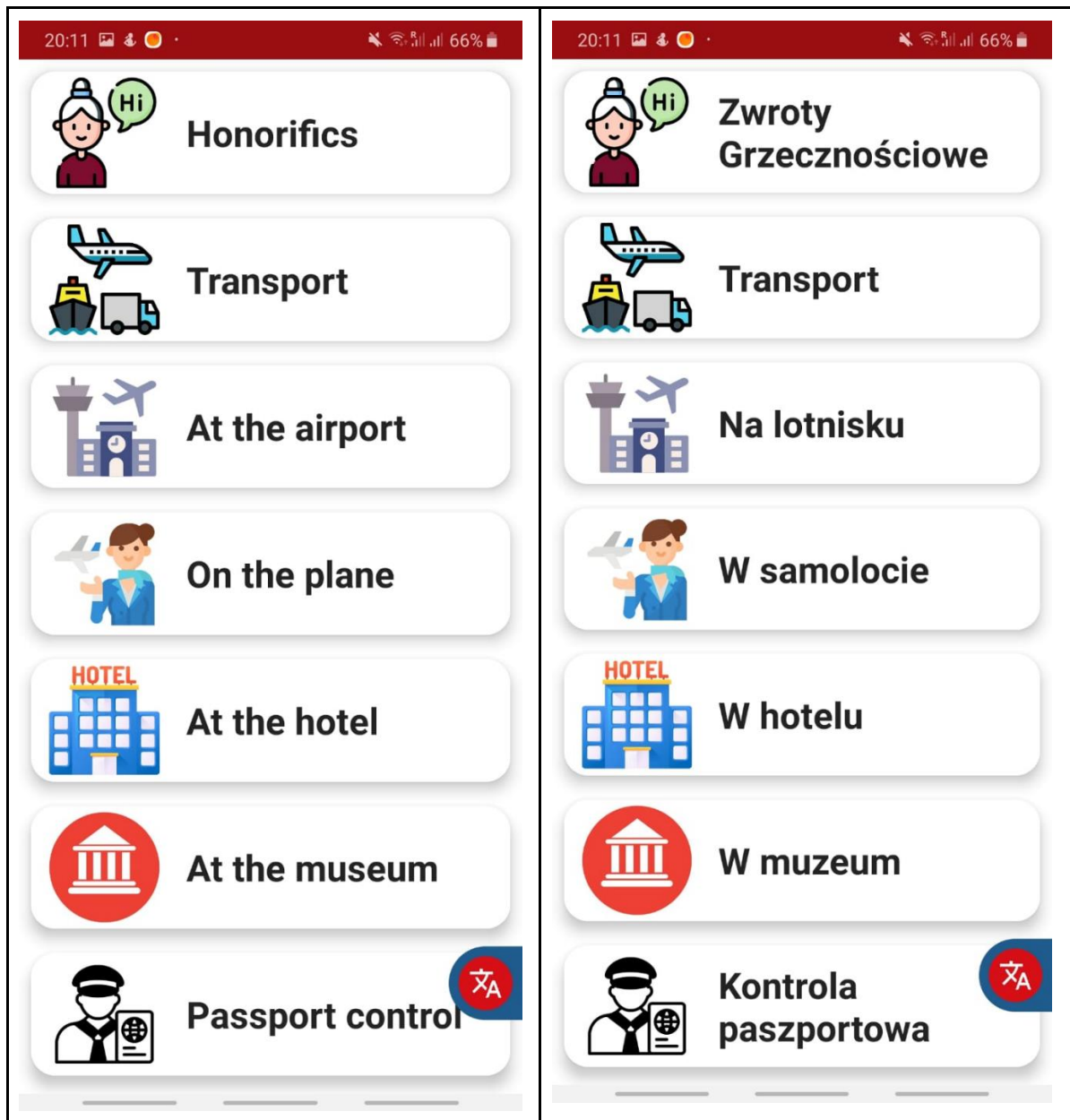
The lesson screen

This section is focused on giving the user as much information about the topic as we can with a bit of entertainment to not get bored by the wall of text by adding images between texts. Modernistic design grants a feel of luxury, aesthetics, and clearness that modern users require as well as adults and elders who don't like to be overwhelmed by complicated designs of apps.

◉ELENE
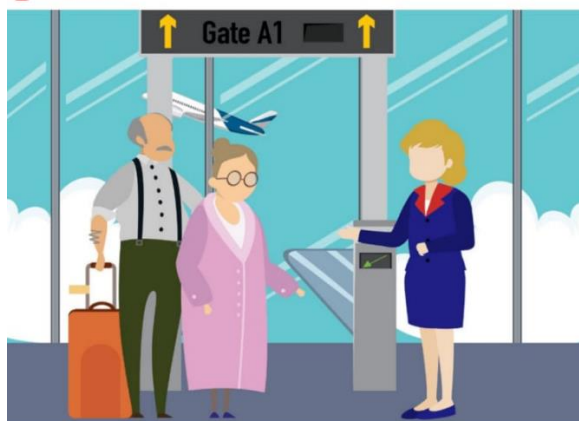
At the airport

About the Airport
Welcome to the international airport. Our airport is equipped with modern facilities to make your travel experience comfortable and efficient.

Entering the Airport

- May I see your passport and ticket, please?
  — Of course, here is my **[passport and ticket]**.
- Do you have any liquids, gels, or aerosols in your carry-on luggage?
  — No, I don't have any **[liquids, gels, or aerosols]**.
- Please remove your shoes and place them in the bin for security screening.
  — Sure, I'm taking off my shoes and putting them in the bin.
- Have your boarding pass and ID ready for inspection.
  — Here is my **[boarding pass and ID]**.
- Do you have any prohibited items in your baggage?
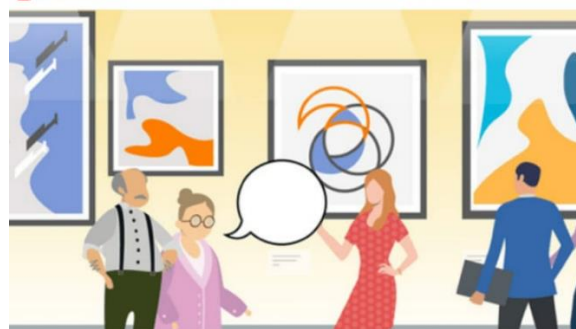 — No, I don't have any **[prohibited items]**.

Security Checkpoint

- Please step through the metal detector.

◉ELENE

At the museum

Basic information in the museum

- **Free admission** - Enjoy our facility without any entry fees.
- **No photography please** - We kindly request that you refrain from taking photographs.
- **No smoking** - Smoking is prohibited within the premises.
- **Cafe** - Visit our cafe for a variety of refreshments.
- **Gift shop** - Explore our gift shop for NBA merchandise.
- **Cloakroom** - Store your belongings securely in our cloakroom.
- **Customer Service Desk** - Our helpful staff is available at the customer service desk.
- **Please do not touch** - Some exhibits may be sensitive; please avoid touching them.

In museum

- We're open from **10 a.m. to 7 p.m.** all week, except on **Mondays**.
- You have to leave your backpack in the personal item storage office.
- You can take pictures, but **flash photography** is prohibited.
- Admission prices:
  ○ Adults: **12 euros**
  ○ Senior citizens: **6 euros**
- Would you like an audio-guide?
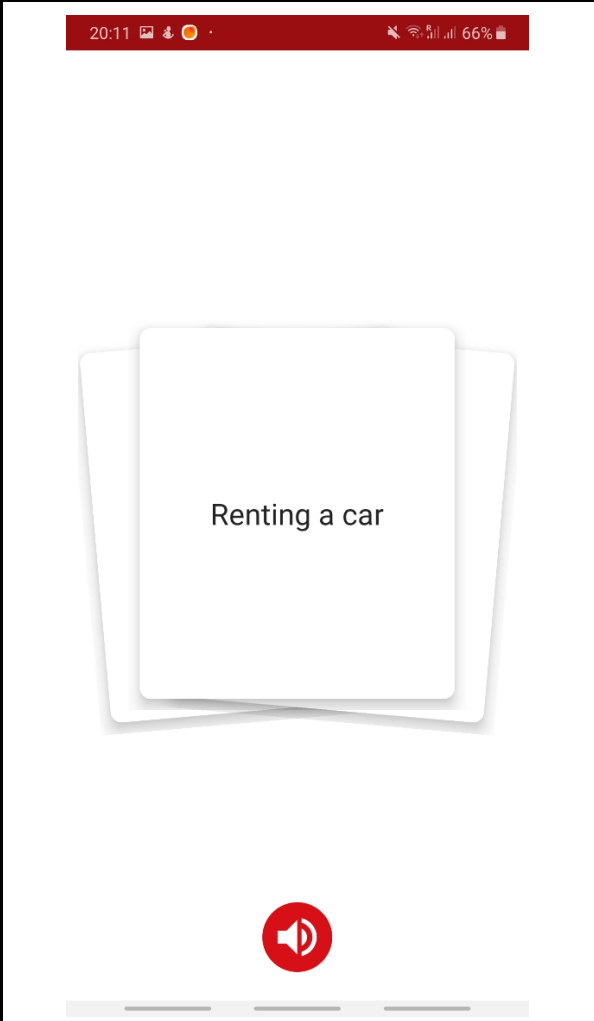- How would you like to pay?

The vocabulary screen

The vocabulary is designed in the form of flashcards for each word, the flashcards have 2 pages, a word page and a picture page. In the middle of the screen, we see a page of flashcards with words or graphics.

We rotate the words like normal flashcards accordingly:
- Press the index card to rotate it
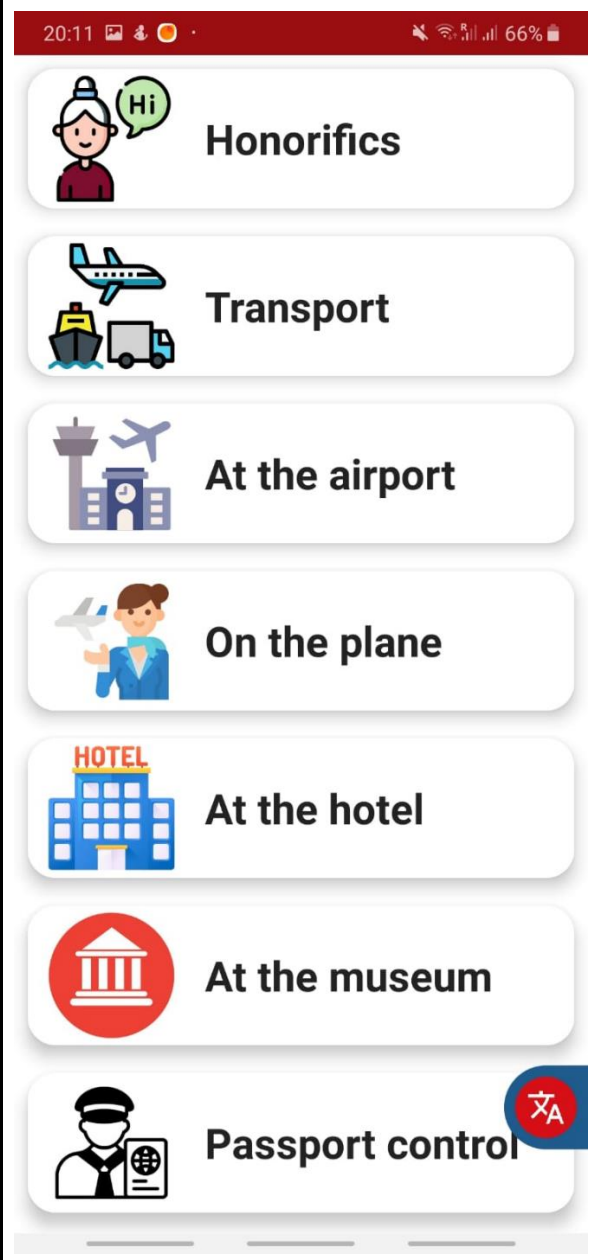- Swipe right to select the next one
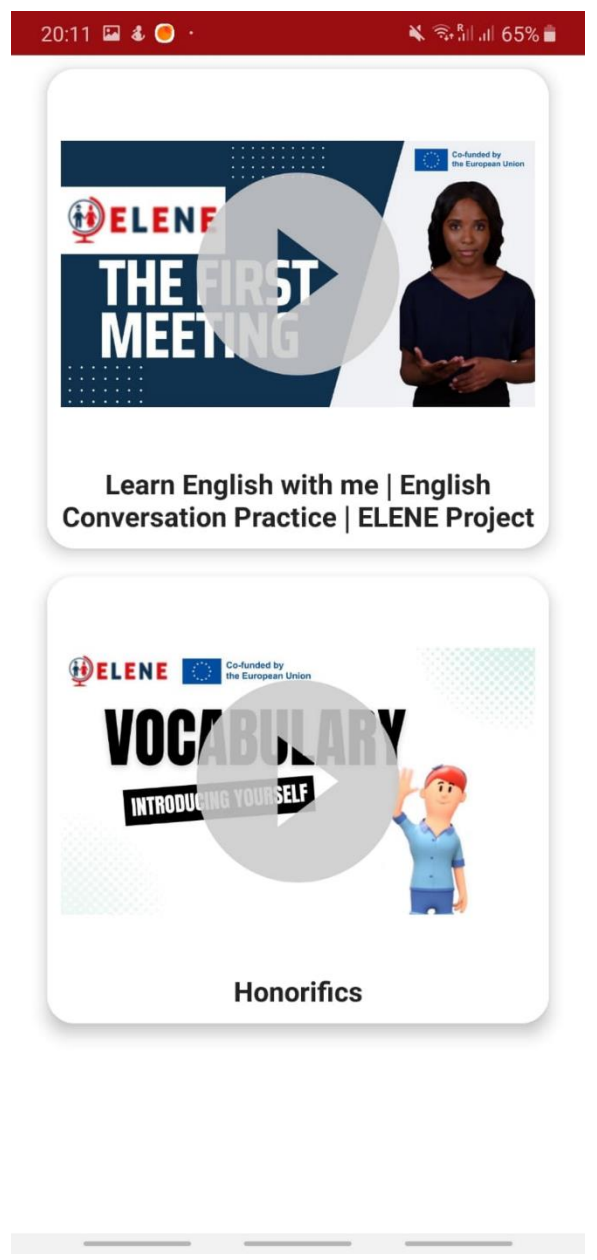- Swipe left to go back

The Read button reads the words to familiarize yourself with the pronunciation of each word.

The vocabulary bank contains over 500 expressions and words.

| The word side of flashcards in vocabulary	The graphic side of flashcards in vocabulary

The video

In this screen, we can find the cards with the names of different lessons and images to each, after clicking each tile the app opens the YouTube video that is proper for each topic. The video is very well and modernly designed, well animated, and brings a bunch of knowledge. Some videos are created using artificial intelligence.

Video menu (similar in most categories)	The video on YouTube on Elene's channel

Quiz screen

As with the previous screens, the quiz screen consists of two screens:

- Quiz menu - allows the user to select the lesson they want to take the test on
- Quiz screen - This screen contains a specific quiz on the selected topic
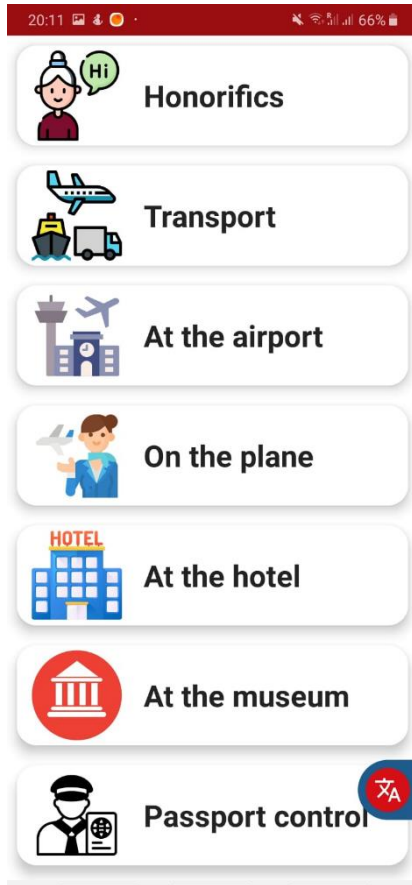
The quiz menu

On this screen, the user needs to select the quiz that he wants to test from.
The completed quizzes are saved.

The quiz screen

The quiz contains 5 questions drawn from a question bank. Each quiz has no time limit, so the user can test their knowledge without stress. The quiz does not allow you to skip questions by clicking a button until the user selects an answer, it is also possible to go to previous questions. Once you're done, you can see how many answers you got right, as well as the questions you answered incorrectly. The ranking allows you to monitor your knowledge.

Selected answer on the quiz	Popup on the bottom while trying to skip the answer

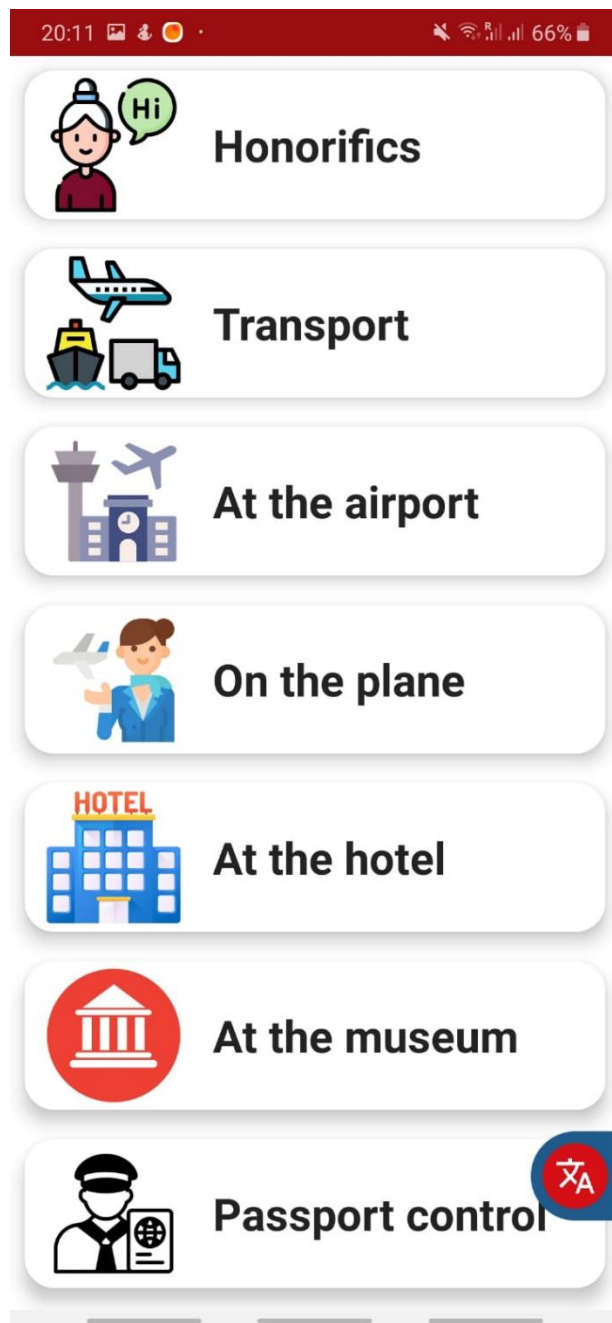|	
Ranking unanswered	Your top answer.

The conversation screen

The conversation screen has been designed to be consistent with previous ones for user convenience. Each Conversation contains a collection of words and pre-prepared conversations that are easy to understand and can be used in everyday situations. They are situationally created. Each conversation has a text (dialogue) and a movie created using artificial intelligence in which you can play the role of a person who, for example, needs help at a train station to buy a train ticket from a machine that only accepts credit cards.

Opened conversation	Conversation video	Conversation text

At the airport

Security officer: Next!

Passenger: Here's my ticket.

Security officer: Please step through the scanner.

Passenger: (beep, beep, beep) What's wrong?

Security officer: Please step to the side.

Passenger: Certainly.

Security officer: Do you have any coins in your pocket?

Passenger: No, but I have some keys.

Security officer: Ah, that's the problem. Put your keys in this binand walk through the scanner again please.

Passenger: Okay.

Security officer: Excellent. No problem. Remember to unload your pockets before you go through security next time.

At the airport

The PDF screen

PDF Menu	Translated pdf menu

The PDF screen allows you to select one of the lessons, after selecting lesson the PDF will be downloaded and you can do with it anything that you need, there are many exercises to be followed and to be filled out, it is very helpful in a deeper understanding of the topic as well as can be printed and used for educating anyone without the need to install an app for each phone in classes.

ELENE

The application is available for phones, tablets and computers with Android on Google Play. We cordially invite you to check out the tutorials in each partner language

English

Polish

Turkish

Portuguese

Spanish

Slovenian