

Portfolio

**SPEECH SYNTHESIS AND RECOGNITION LABORATORY
OF UNITED INSTITUTE OF INFORMATICS PROBLEMS
OF NATIONAL ACADEMY OF SCIENCES OF BELARUS**

2012-2017

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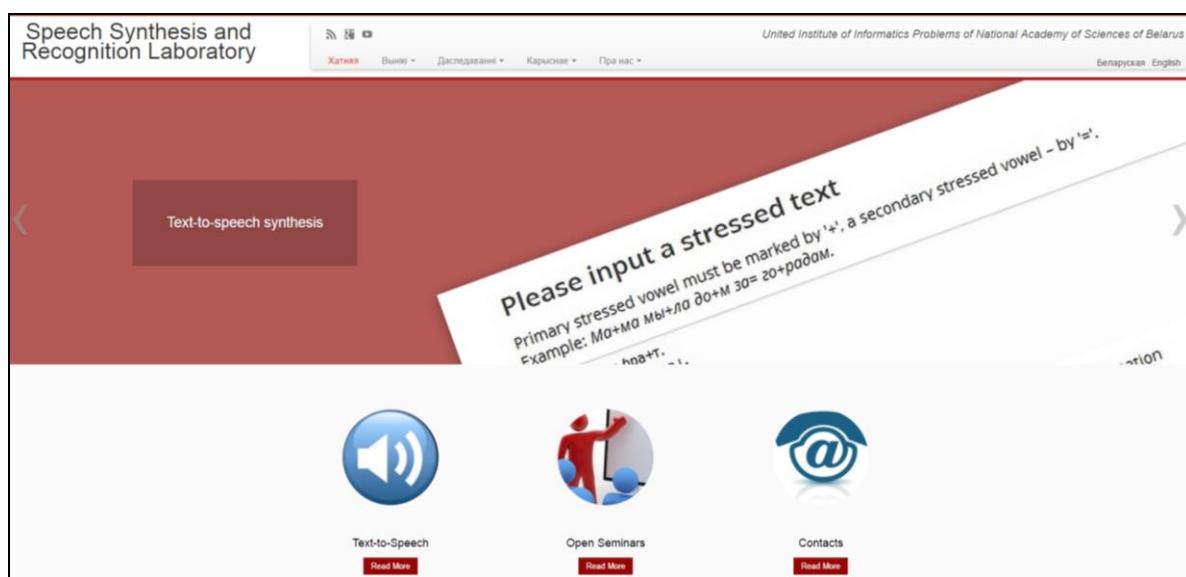
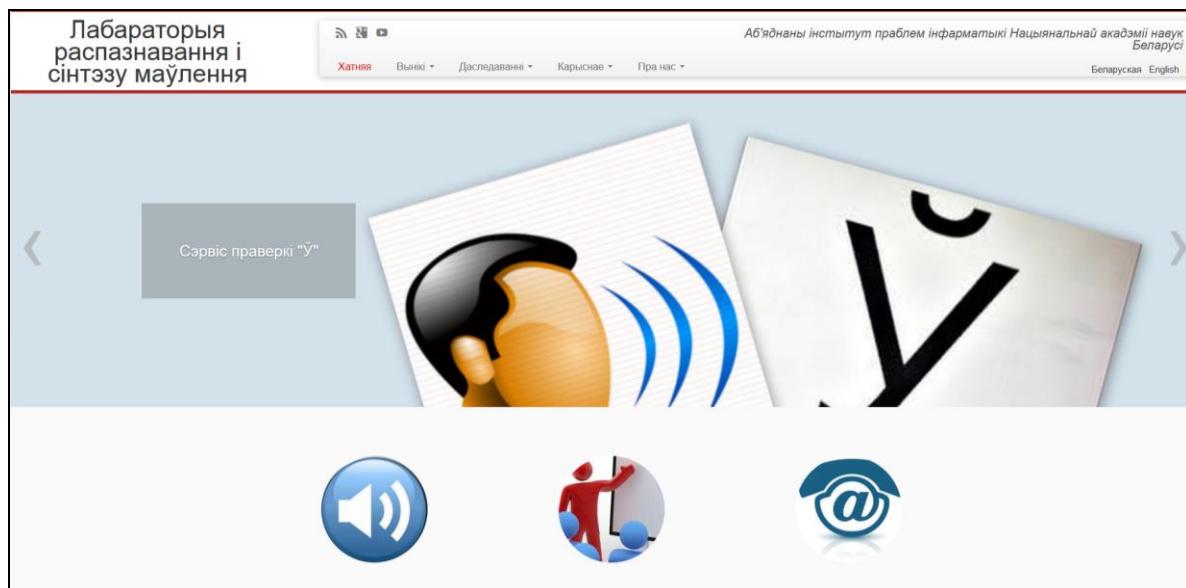
Title: Speech Synthesis and Recognition Laboratory of United Institute of Informatics Problems of National Academy of Sciences of Belarus

Product Type: web-site

Link: <http://ssrlab.by>

Languages: Belarusian, English

Tasks: front-end, back-end, multilingual, content management, launch on a client's server, permanent support, automatic backup



Title: International Conference on Computational Linguistics NooJ2015

Product Type: web-site

Link: <http://nooj2015.ssrlab.by>

Languages: English

Tasks: front-end, back-end, multilingual, content management, launch on a client's server, permanent support

The screenshot shows the homepage of the International NooJ 2015 Conference website. At the top, there is a header with the conference title and a search bar. Below the header is a large group photo of the conference attendees. A navigation menu at the bottom includes links for Home, Call, Committees, Programme, Registration, Tutorials, Practical Information, Contacts, and Photos. The main content area features a "Welcome!" section with a brief introduction about the conference and its organizers.

The screenshot shows a page titled "Places to See in Minsk" from the conference website. It lists the top 10 places to see in Minsk, starting with the "CHURCH OF SAINTS SIMON AND HELENA". Below the list is a photograph of a red brick cathedral with a prominent tower and a red roof, set against a blue sky. A small caption at the bottom provides historical context about the church's construction.

Title: Belarusian Oral History Archive

Product Type: web-site

Link: <http://www.nashapamiac.org>

Languages: Belarusian, English

Tasks: re-design of the front-end

The screenshot shows the homepage of the Belarusian Oral History Archive. At the top, there is a banner featuring a painting of three people (two men and one woman) in historical or military-style clothing. The text "Беларускі архіў вуснай гісторыі" is displayed above them. Below the banner, a quote reads: "Трэба пра кожнага, хто зрабіў хайца б фрэйзэвъ, ведаць, захаваць памяць..." by M. Улашчык. A navigation bar below the quote includes links for "Падзея", "Архіў", "Раздзелы", "Рубрыкі", "Літаратура", and "Аб праекце". The main content area features several sections: "Шаноўнае спадарства!" with a film reel icon, "«Перамога будзе... Пытанне, хто да гэтага дажыве»" with a black and white photo of a crowd, and "Конкурс адукацыйных праектаў ад Лялечага" with a logo for "ЛЯЛЧАГА УНІВЕРСІТЕТ". On the right side, there is a sidebar with social media icons for RSS, Facebook, and VK, and a search bar labeled "Пошук у архіве".

The screenshot shows a detailed view of a historical entry on the Belarusian Oral History Archive website. The title is "Гісторыя Мінска і яго ваколіц у памяці свядак часу". The left sidebar lists categories: 1. Вядомыя гараджане і Мінск, 2. Старыя прадмесці горада, 3. Вёскі, што ўваішлі ў склад Мінску. The main content area contains text about the history of Minsk and its suburbs, mentioning World War I, the Polish-Soviet War, and the Great Patriotic War. It also describes the architectural structures of the time, such as the arches of the old city gates. A photograph of a narrow, arched passageway with red brick walls and metal gates is shown.

Title: Computational Platform For Electronic Text & Speech Processing

Product Type: web-site

Link: <http://corpus.by>

Languages: Belarusian, English

Tasks: front-end, back-end, back-end of the services for text, signal, speech processing, multilingual, content management, launch on a client's server, permanent support, automatic backup



The screenshot shows the Belarusian version of the computational platform. At the top, there is a logo consisting of a stylized diamond shape made of blue diamonds and the text "computational text & speech platform corpus.by". Below the logo, a subtitle reads "ПЛАТФОРМА ДЛЯ АПРАЦОУКІ ТЭКСТАВАЙ І ГУКАВОЙ ІНФОРМАЦІІ ДЛЯ РОЗНЫХ ТЭМЫТЫЧНЫХ ДАМЕНАЎ". The interface includes a navigation bar with filters: ВЫЧЫТКА, ПІСЬМЕННИК, ЛІНГВІСТ, ПРАГРАМІСТ, РОЗНАЕ, УСЕ (highlighted in blue), and Парадак: А-Я, Я-А, ЛАГІЧНЫ. There is also a search icon and a help icon. The main content area displays a grid of 8 service cards:

Абразка выяў	Агучаны электронны граматычны слоўнік	Апрацоўка невядомых слоў	Апрацоўка табліц
Вывучэнне англійскай мовы	Вызначэнне часцін мовы	Генератар алфавітна-предметнага паказальніка	Генератар арфаэлічнага слоўніка
Генератар парадыгмы слова	Генератар спасылак на публікацыі	Генератар транскрыпцый	Генератар транскрыпцый праз API
Генератар інфармацыі аб сімвалах	Графічнае адлюстраванне алафонуў	Графічнае адлюстраванне алафонных фраз	Графічнае адлюстраванне контуру асноўнага тону



The screenshot shows the English version of the computational platform. At the top, there is a logo consisting of a stylized diamond shape made of blue diamonds and the text "computational text & speech platform corpus.by". Below the logo, a subtitle reads "COMPUTATIONAL PLATFORM FOR ELECTRONIC TEXT & SPEECH PROCESSING". The interface includes a navigation bar with filters: PROOFREADING, WRITER, LINGUIST, PROGRAMMER, OTHER, and ALL (highlighted in blue). There is also a sorting dropdown: Sorting: A-Z, Z-A, LOGICAL, and a search icon. The main content area displays a grid of 8 service cards:

Allophone Frequency Counter	Allophone Plotter	Allophonic Phrase Plotter	Alphabetical Subject Index Generator
Alphabetizer	Character Frequency Counter	Character Frequency Counter	Character Information Generator
Homograph Identifier	Image Cropper	Language Tutor	Morse Code Converter
Music Recognizer	Orthoepic Dictionary Generator	Part-of-Speech Tagger	Pitch Plotter

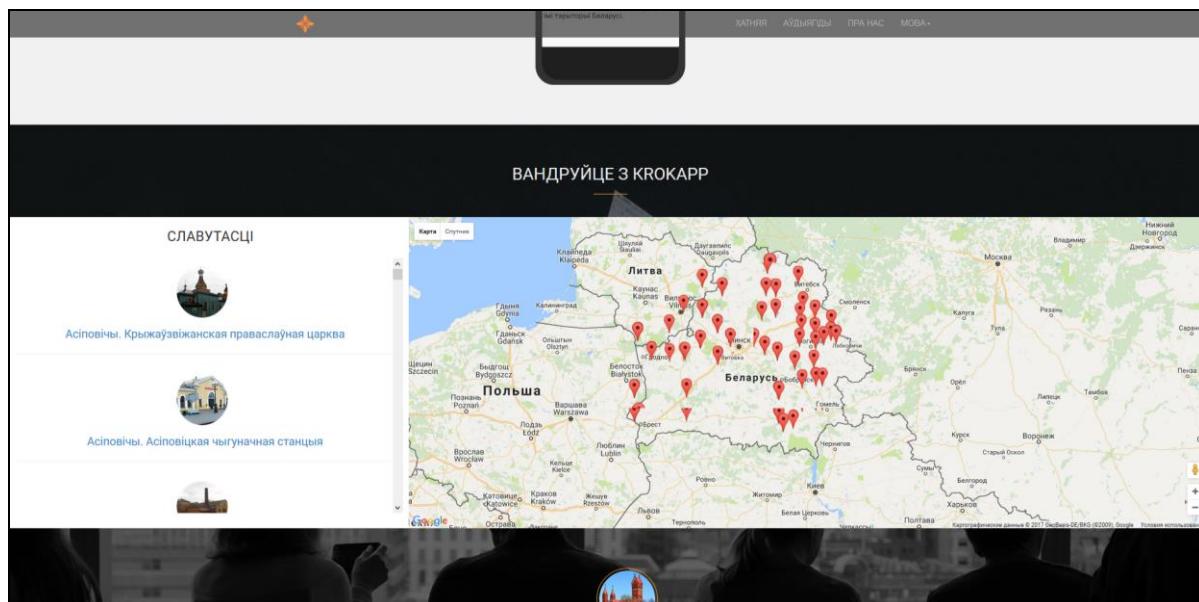
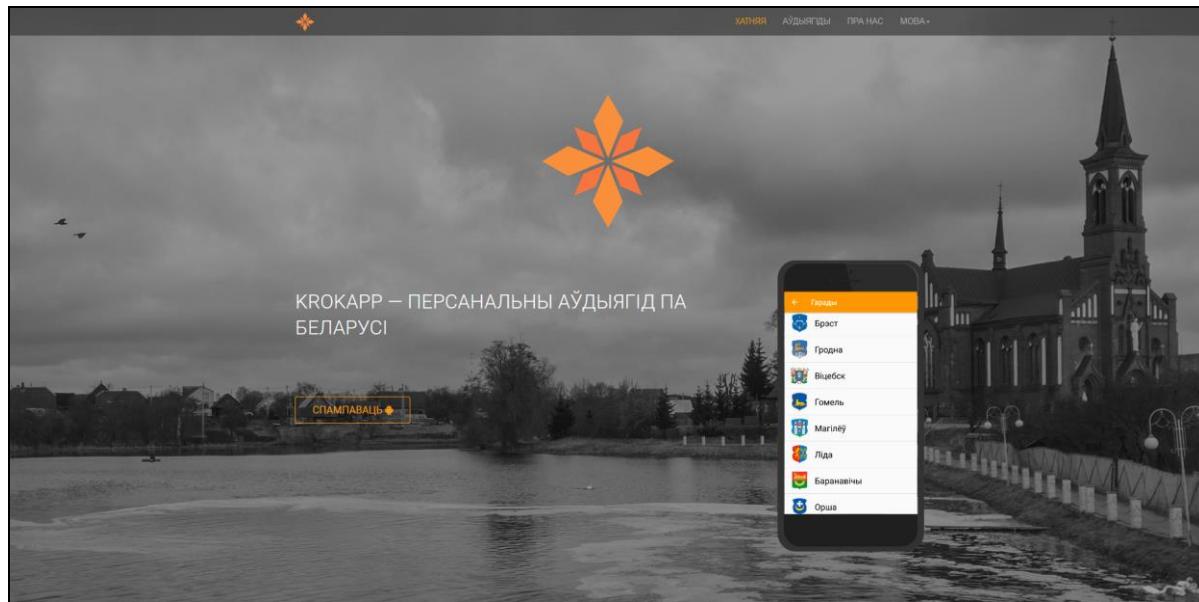
Title: Historical cultural platform «KROKAPP – custom audio guide for Belarus»

Product Type: web-site

Link: <http://krokapp.by>

Languages: Belarusian, English, Russian

Tasks: front-end, back-end, multilingual, content management, launch on a client's server, permanent support, automatic backup



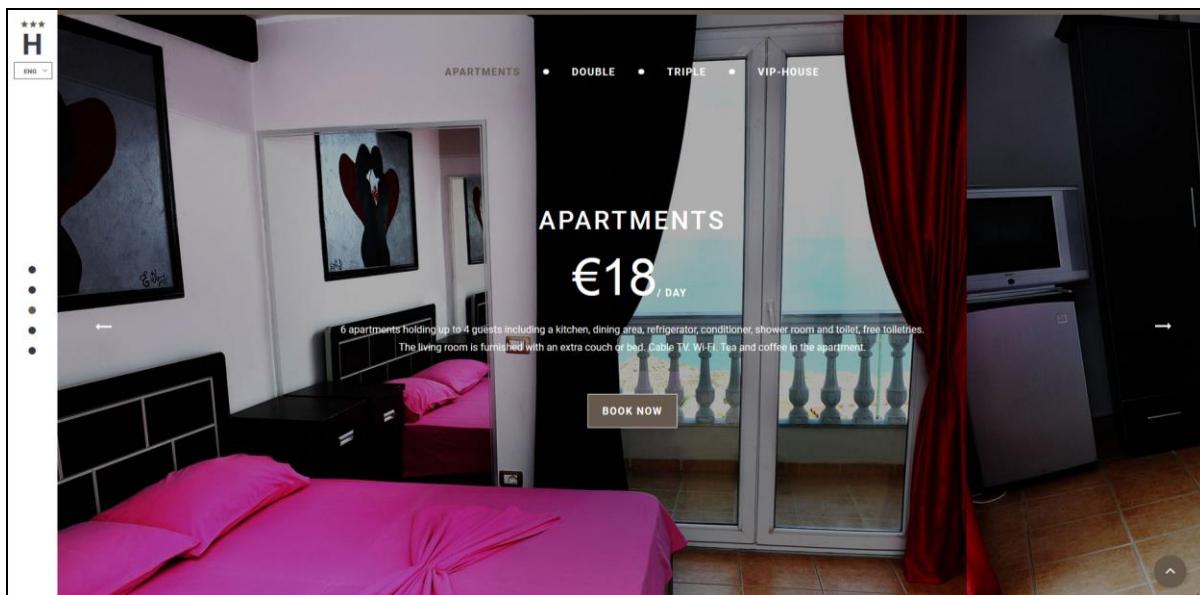
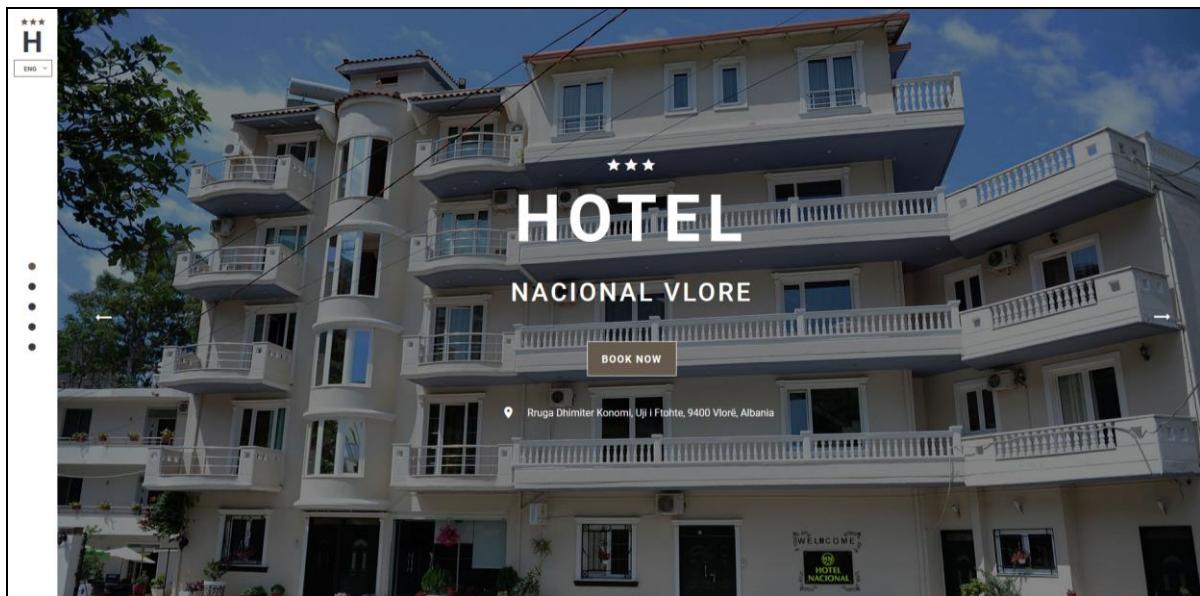
Title: HOTEL NACIONAL VLORE

Product Type: web-site

Link: <http://vhn.al>

Languages: Russian, English

Tasks: front-end, back-end, multilingual, content management, launch on a client's server, permanent support



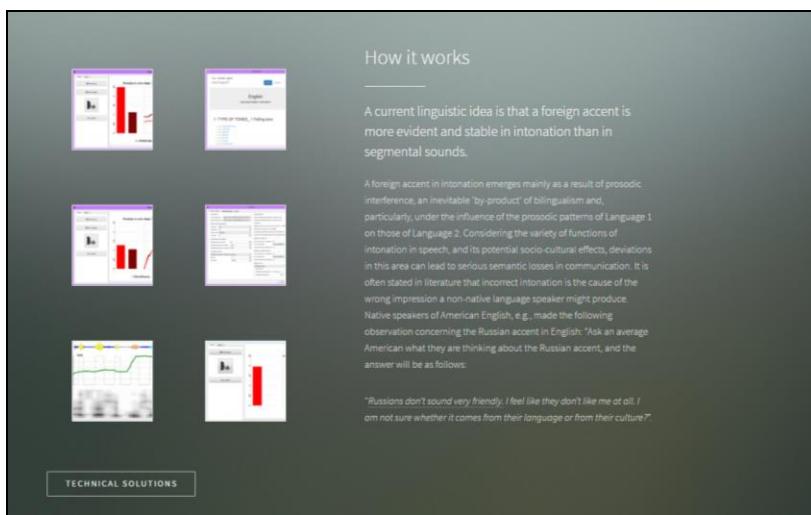
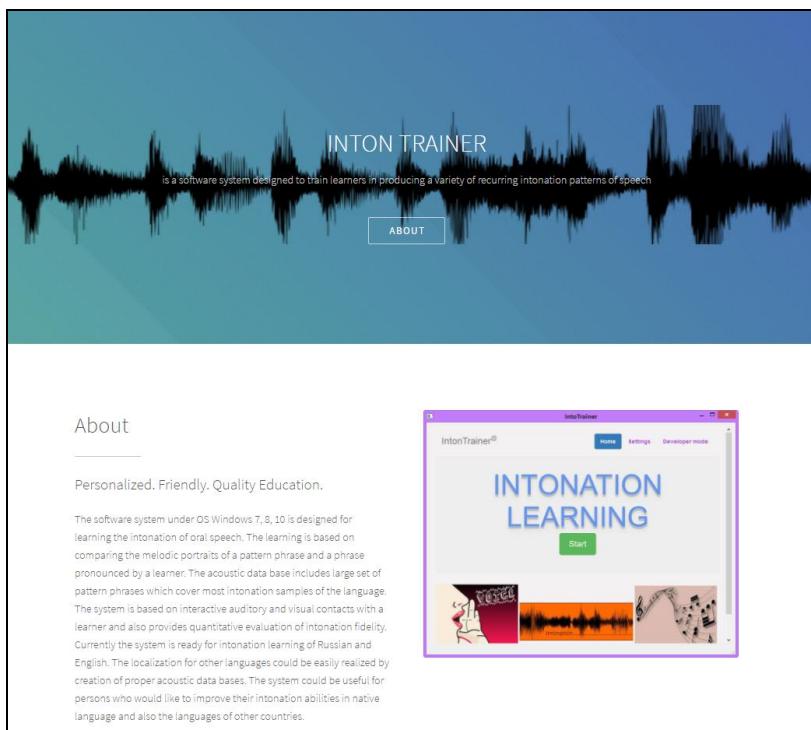
Title: “INTON TRAINER” software system for intonation training

Product Type: web-site

Link: <https://intontrainer.by/>

Languages: English

Tasks: front-end, back-end, multilingual, content management, launch on a server, permanent support



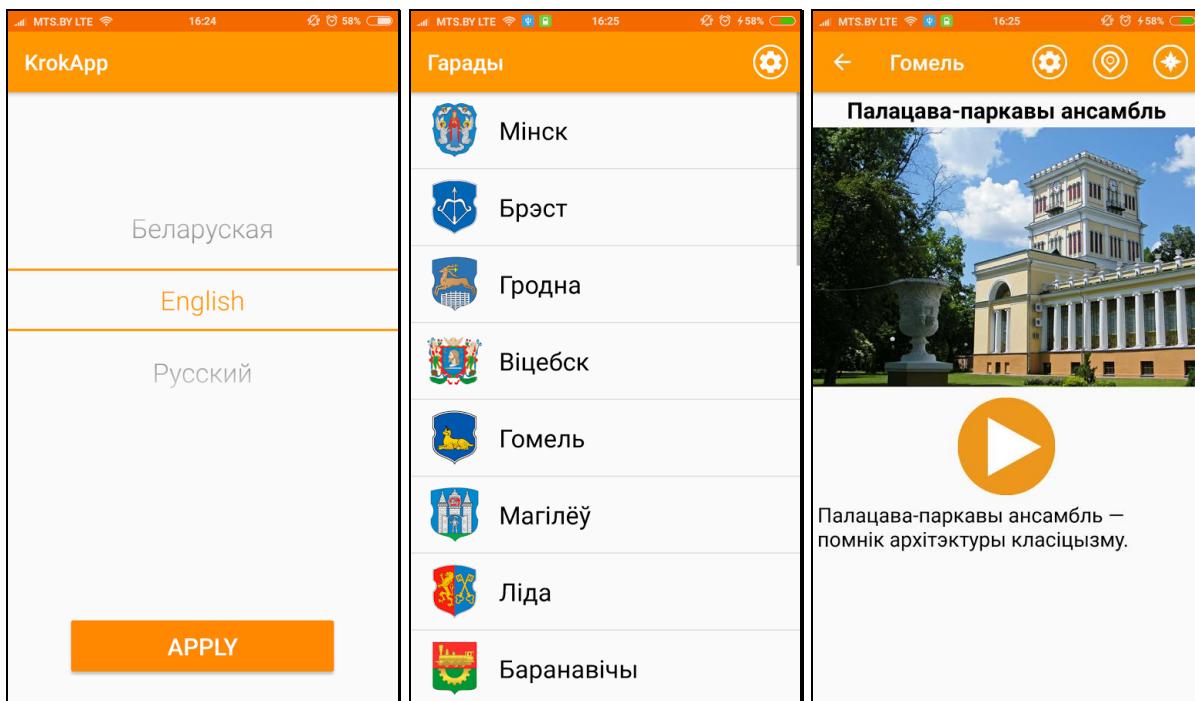
Title: KrokApp – audio guide mobile application

Product Type: mobile application

Link: <https://play.google.com/store/apps/details?id=by.ssrlab.krokapp&hl=be>

Languages: Belarusian, English, Russian

Tasks: front-end, back-end, content management, publishing on Google Play, permanent support.



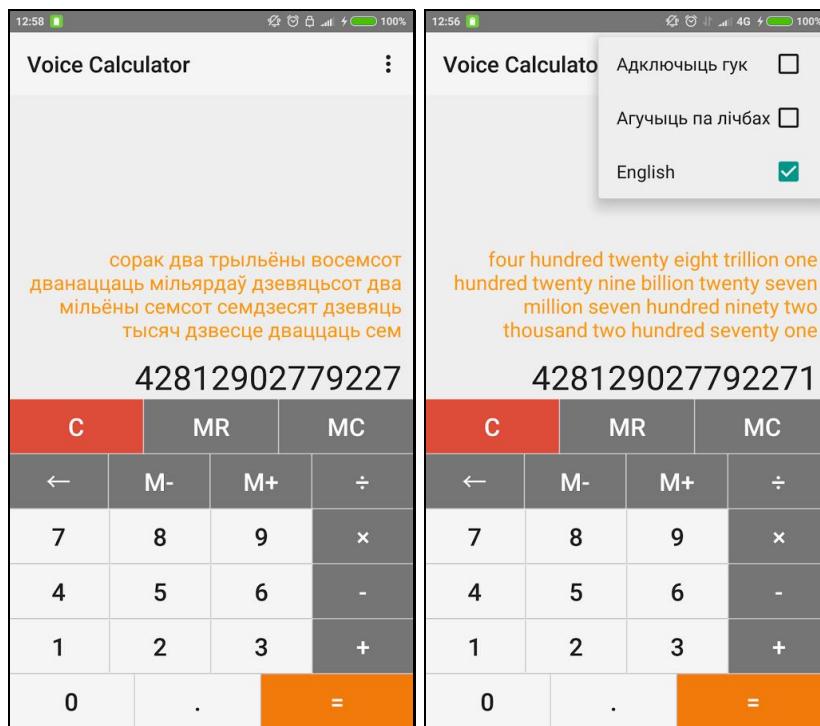
Title: Voice Calculator

Product Type: mobile application

Link: https://play.google.com/store/apps/details?id=by.ssrlab.ssrlab_calc

Languages: Belarusian, English

Tasks: front-end, back-end, content management, publishing on Google Play, permanent support.



Contact Information

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Online

Laboratory web-site (www.ssrlab.by).

Web-page on the official site of UIIP NAS Belarus (http://uiip.bas-net.by/structure/l_rsr/index.php).



[Laboratory Public Page](https://vk.com/ssrlab)
(<https://vk.com/ssrlab>)

[KrokApp Public Page](https://vk.com/krokapp)
(<https://vk.com/krokapp>)
[Laboratory Account](https://vk.com/ssrlab_page)
(https://vk.com/ssrlab_page)



[KrokApp Public Page](https://www.facebook.com/krokapp)
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