

Portfolio

Projects & Products

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

Dr. YURAS HETSEVICH

Head of the laboratory, PhD

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<https://ssrlab.by/en/>

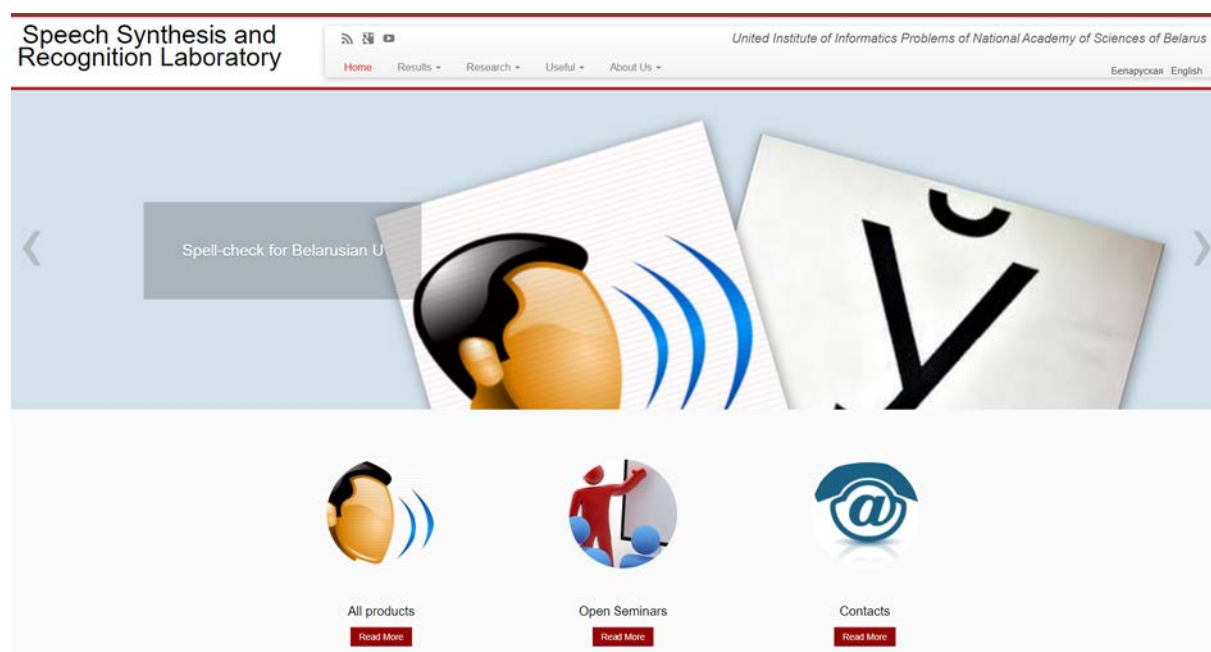
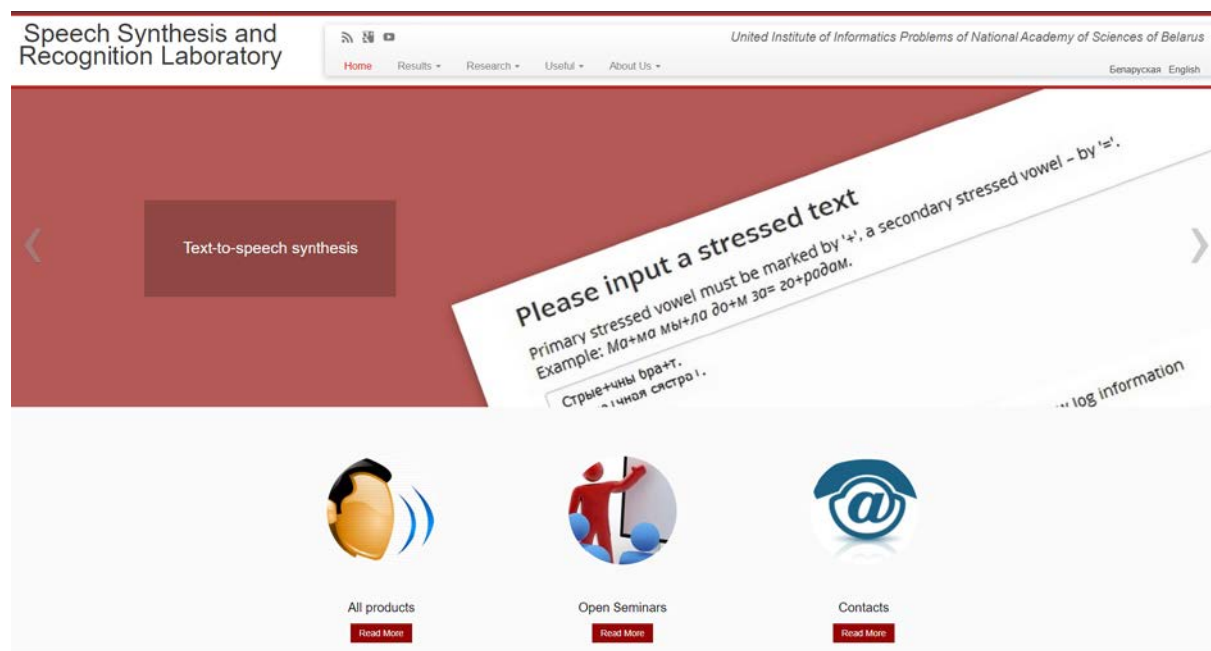
Title: Speech Synthesis and Recognition Laboratory of United Institute of Informatics Problems of National Academy of Sciences of Belarus

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



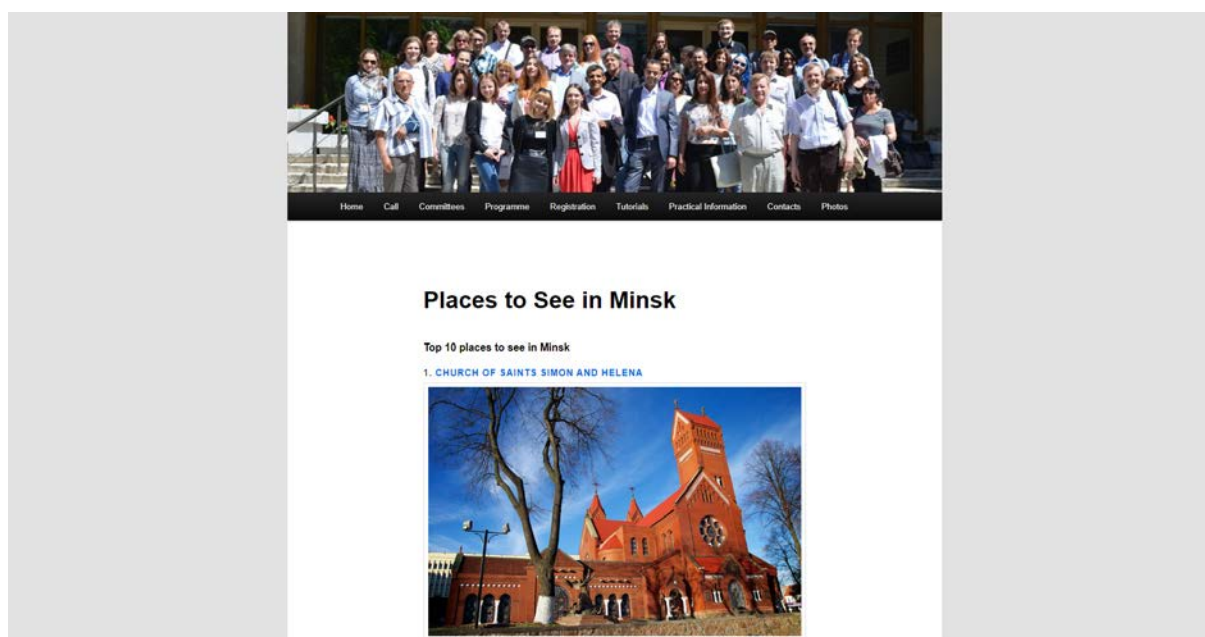
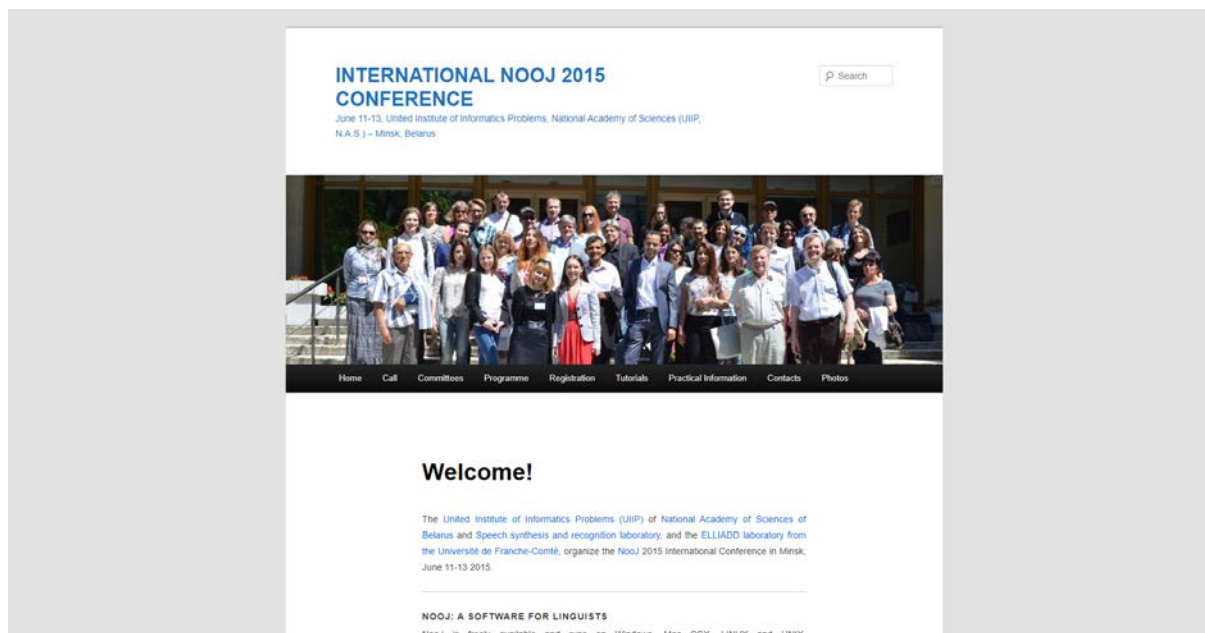
Title: International Conference on Computational Linguistics NooJ2015

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



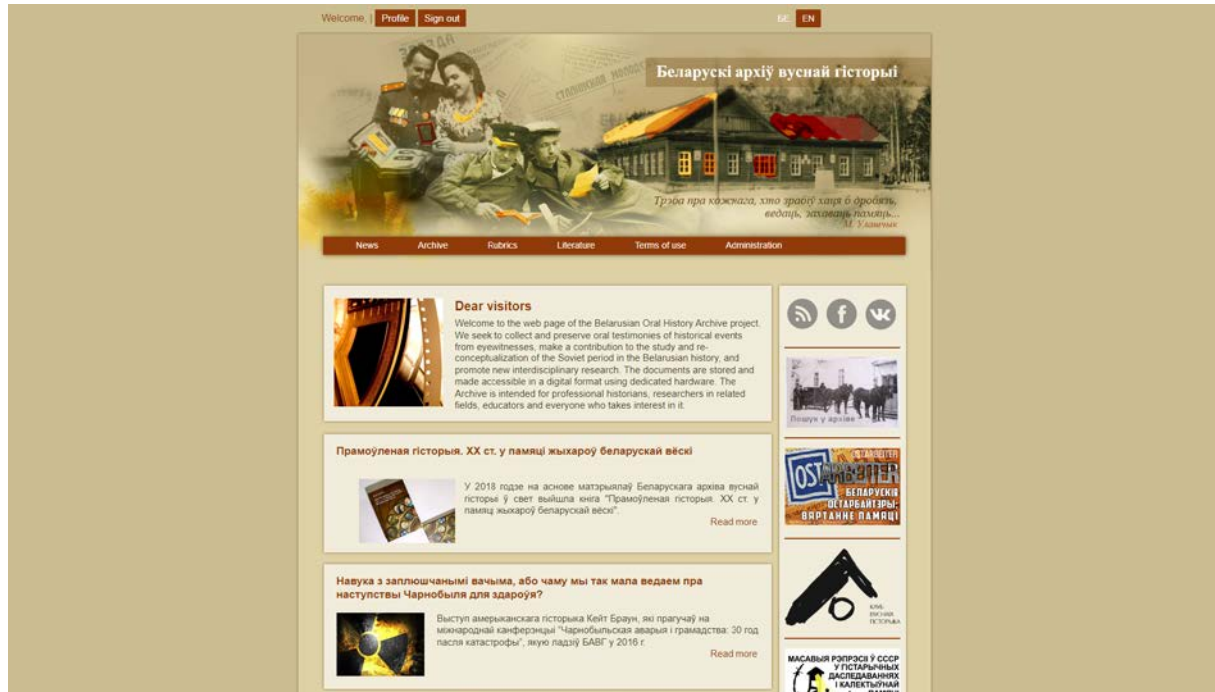
Title: Belarusian Oral History Archive

Product Type: web-site

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

Languages: Belarusian, English

Tasks: re-design of the front-end, a structure and a menu update



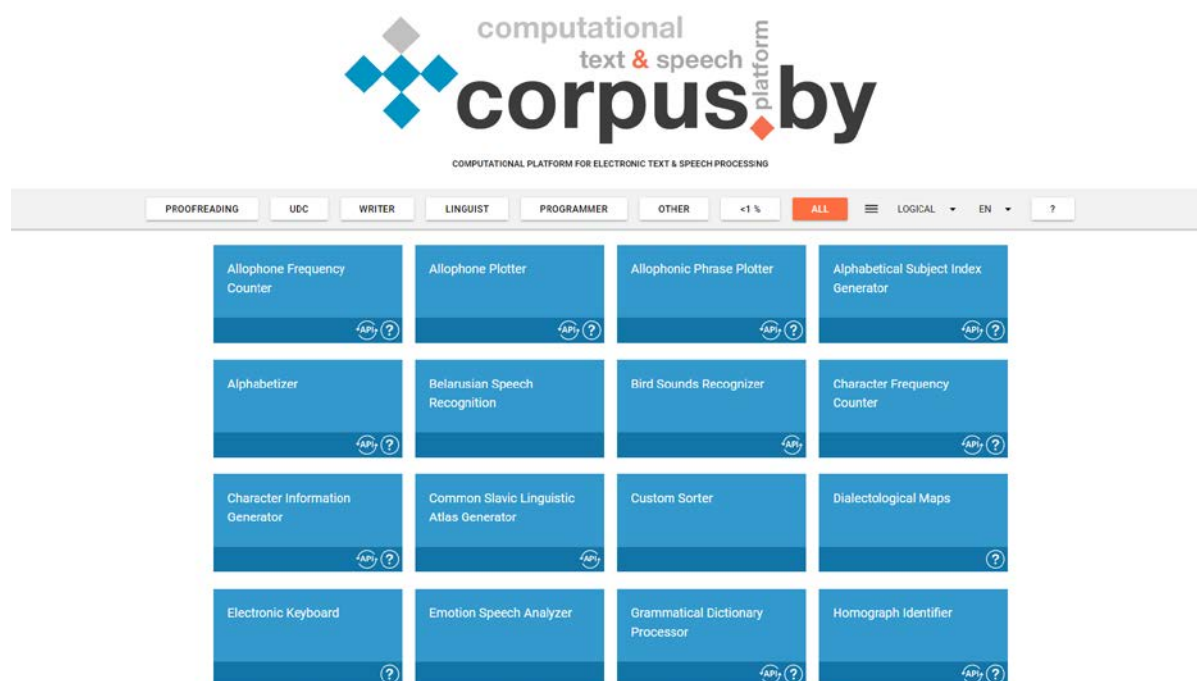
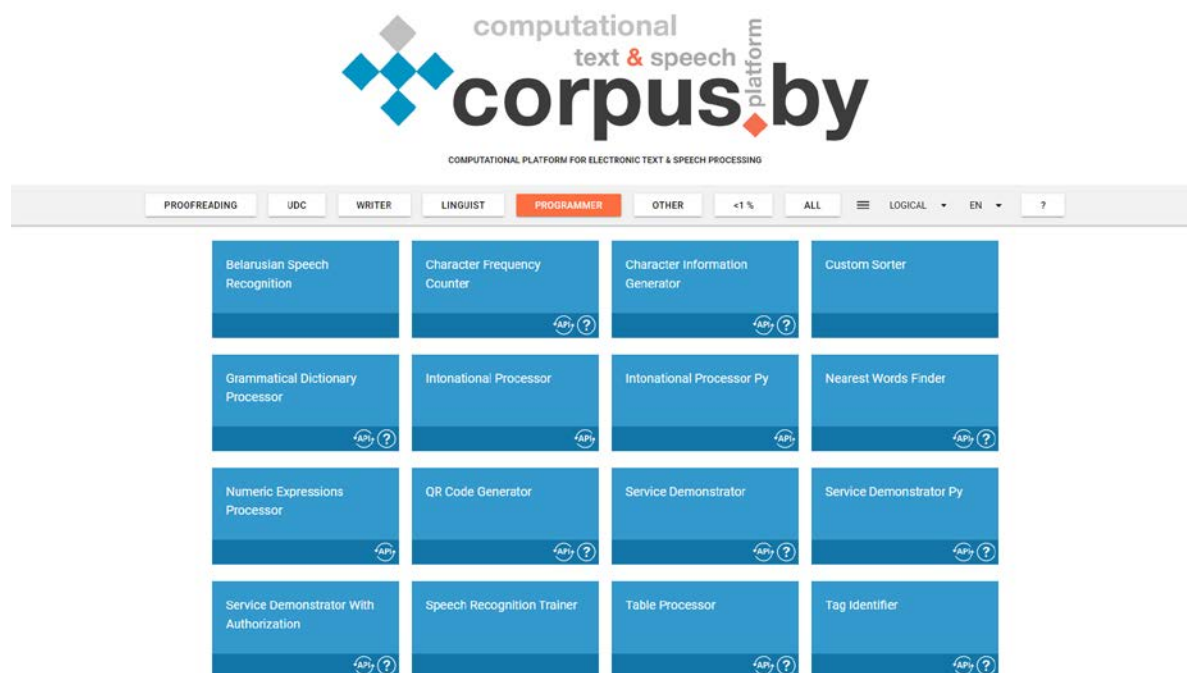
Title: Computational Platform For Electronic Text & Speech Processing

Product Type: web-site

Link: <http://corpus.by>

Languages: Belarusian, English

Works: development of the services for text, signal and speech processing with user guides; front-end, back-end, multilingual, content management, launch on a client's server, permanent support, automatic backup, development of an adaptive education scenario of computational linguistics



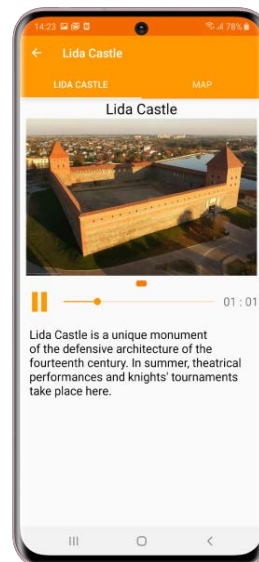
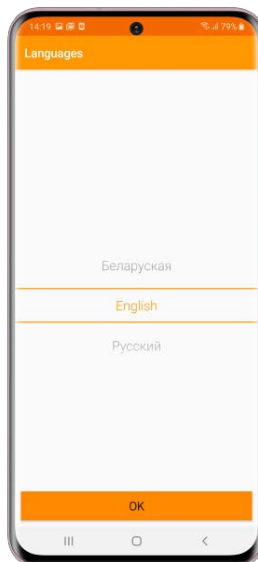
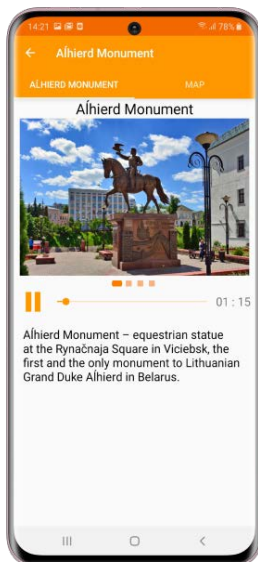
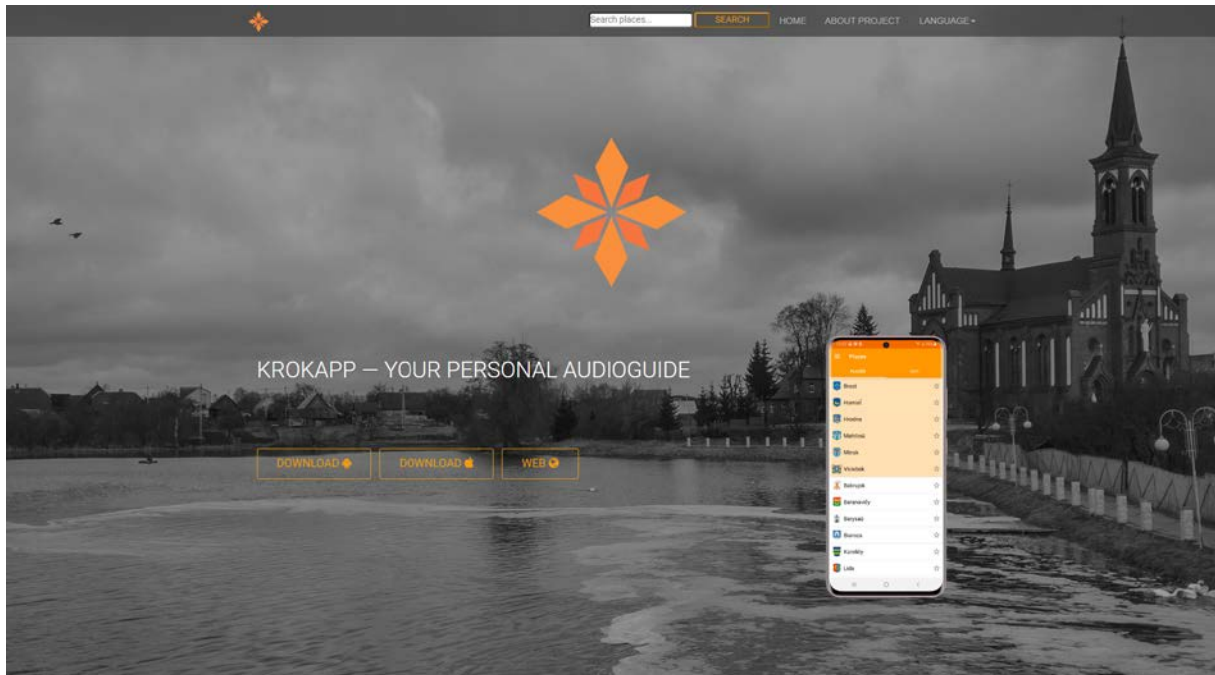
Title: Historical cultural platform «KROKAPP – custom audio guide for Belarus»

Product Type: web-site, mobile Android app

Link: <http://krokapp.by>

Languages: Belarusian, English, Russian

Tasks: front-end, back-end, development and management of multilingual content, launch on a client's server, permanent support, automatic backup; Android app development, publish in Google Play, advertisement

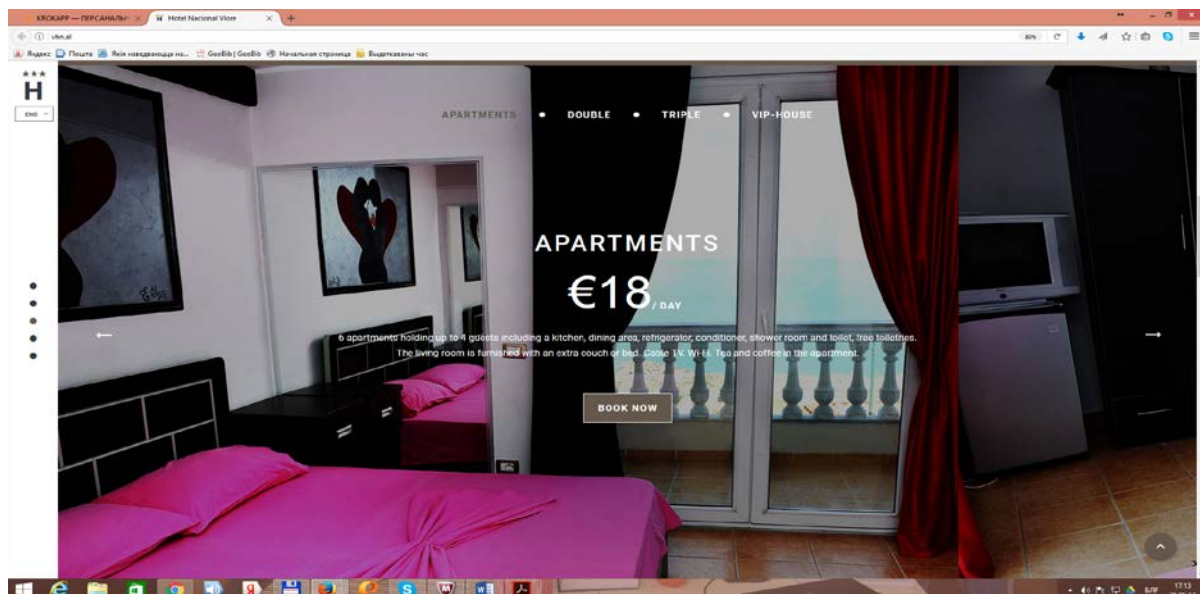
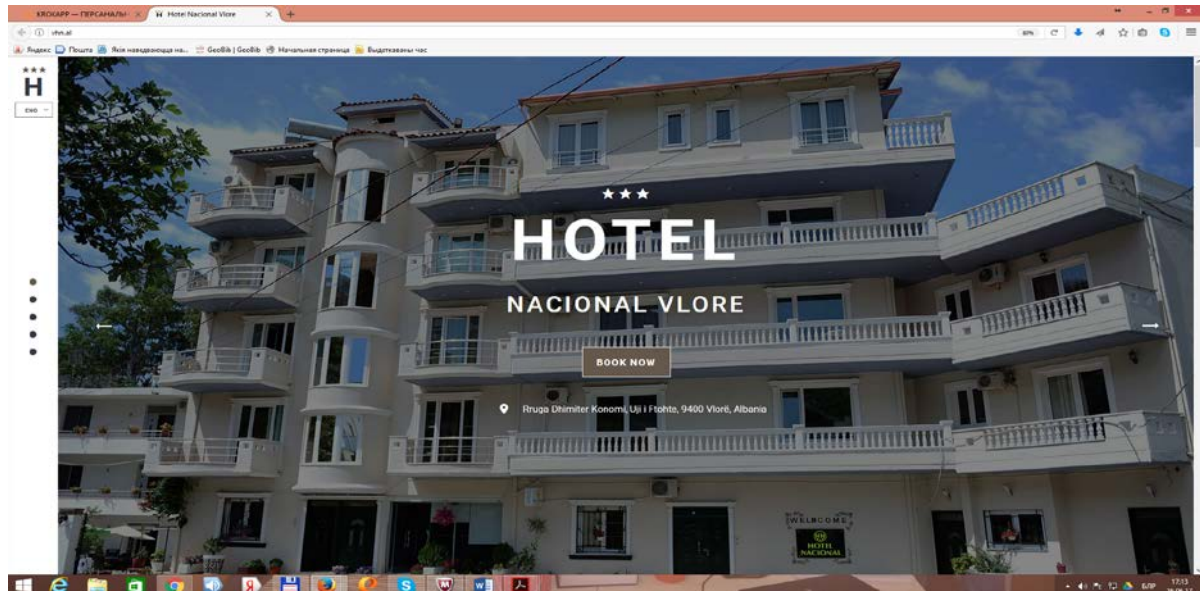


Title: HOTEL NACIONAL VLORE

Product Type: web-site

Languages: Russian, English

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



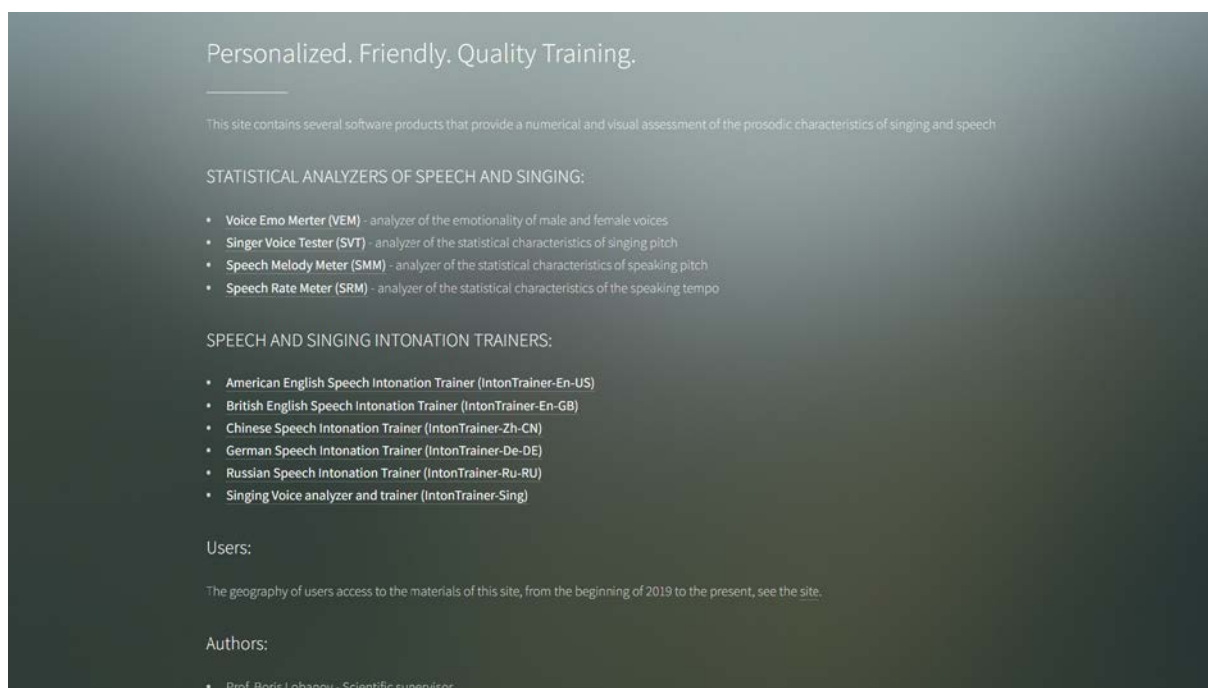
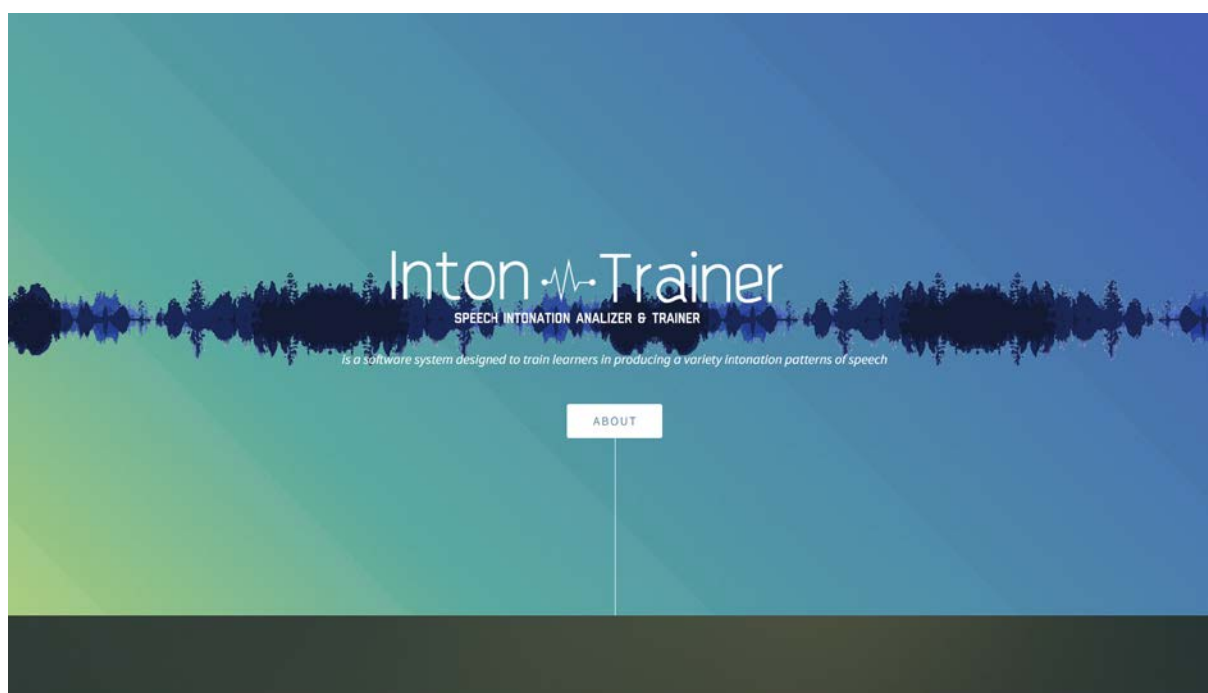
Title: “INTON TRAINER” software system to train learners in producing a variety intonation patterns of speech

Product Type: software system INTON@TRAINER, promo web-site

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

Languages: English, Belarusian, British English, American English, Chinese, German, Russian

Works: INTON@TRAINER development; front-end, back-end, multilingual content management, launch on a server, permanent support; user guides writing



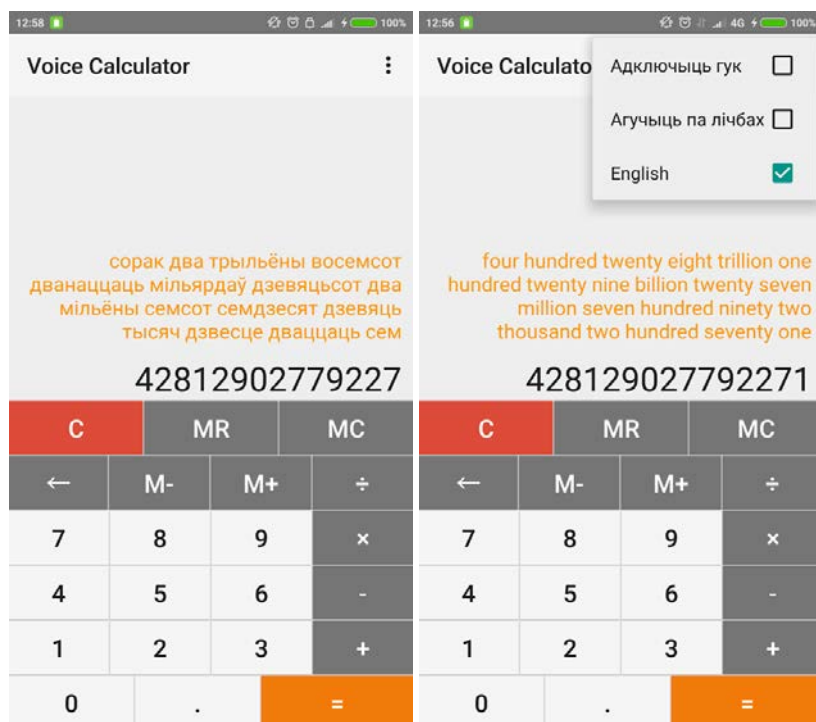
Title: Voice Calculator

Product Type: mobile application

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

Languages: Belarusian, English

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



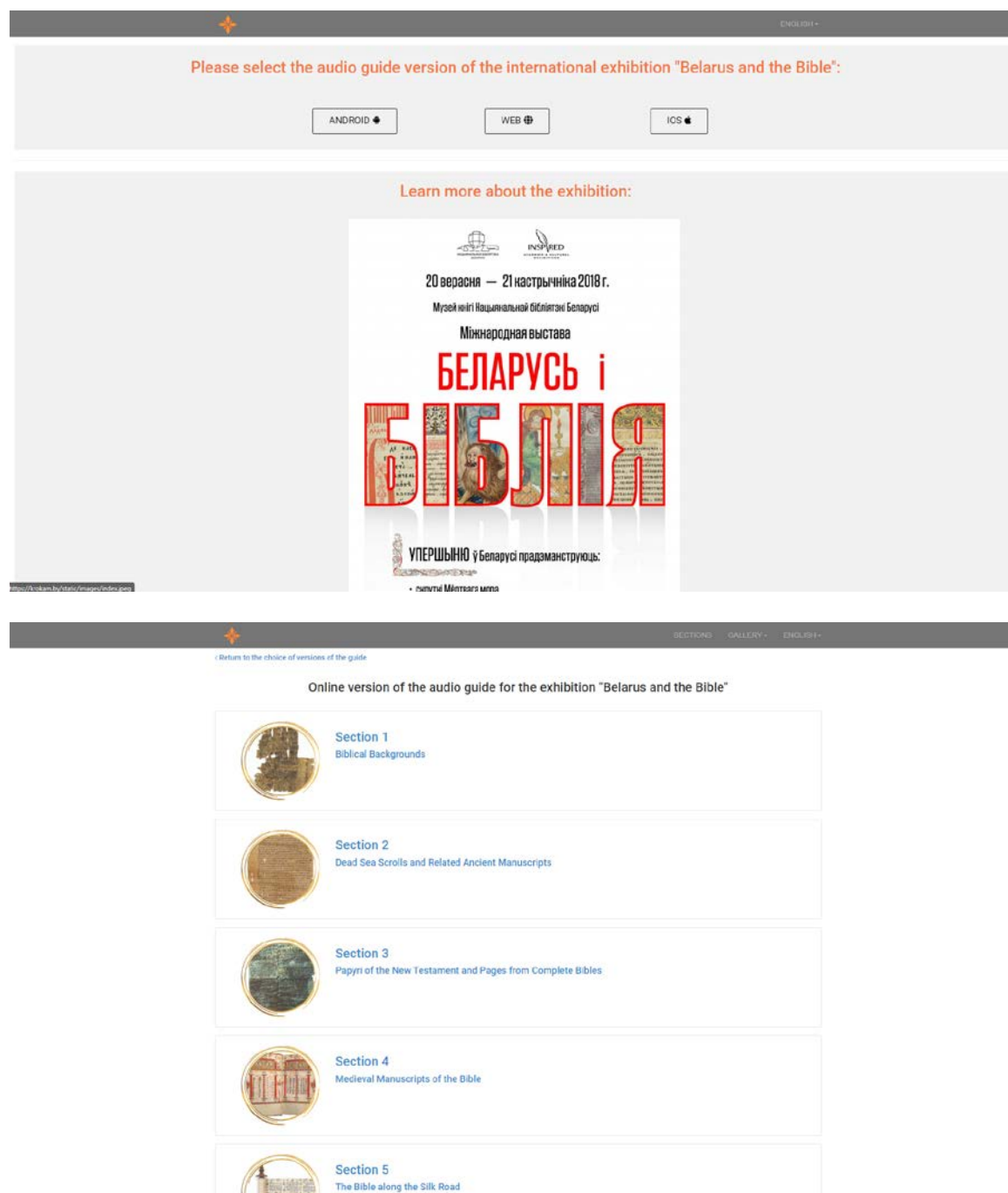
Title: The audio guides of the international exhibition "Belarus and the Bible"

Product Type: web, android and ios audio guides software; 6000 A5 booklets, 202 x 85 cm banner

Link: <https://www.krokom.by/belarus-bible>

Languages: Belarusian, English, Russian

Works: web, Android and iOS audio guides software development, publication in Google Play, iTunes markets; front-end, back-end, audio recordings in 3 languages, multilingual translation and corrections, content management, permanent support, automatic backup, promotion

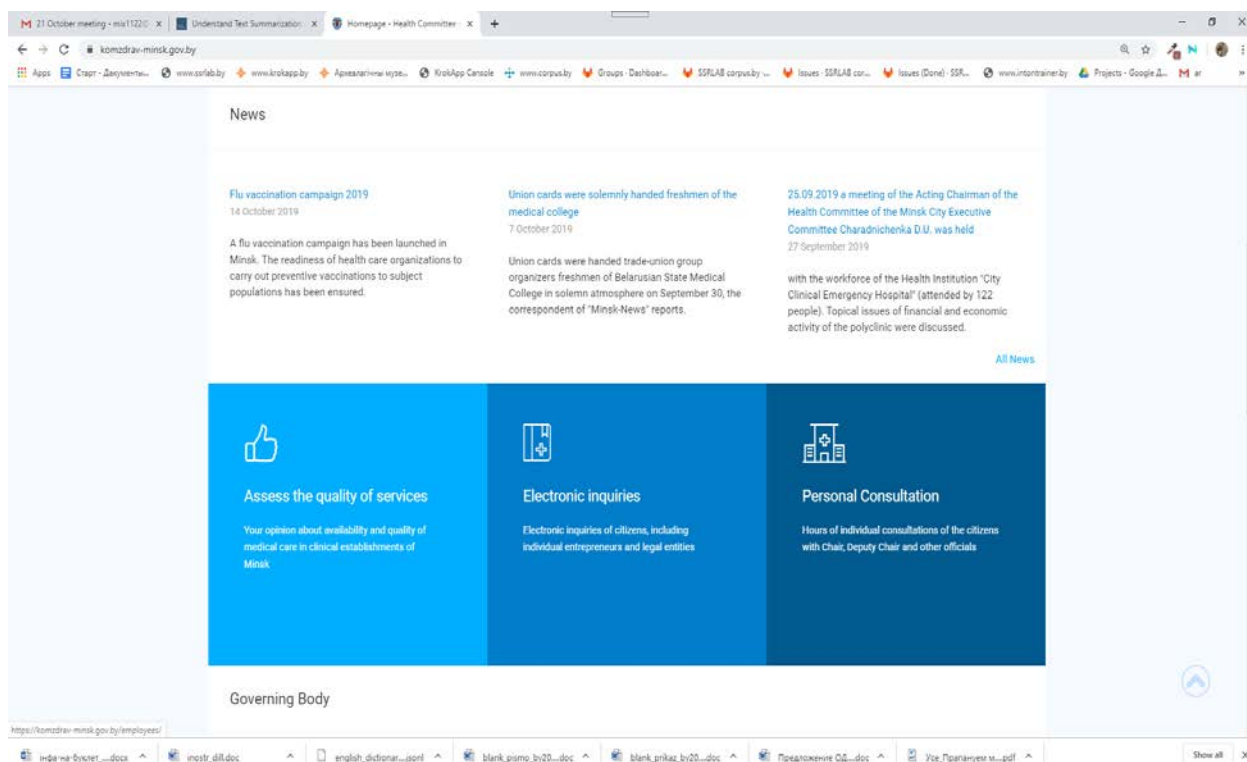
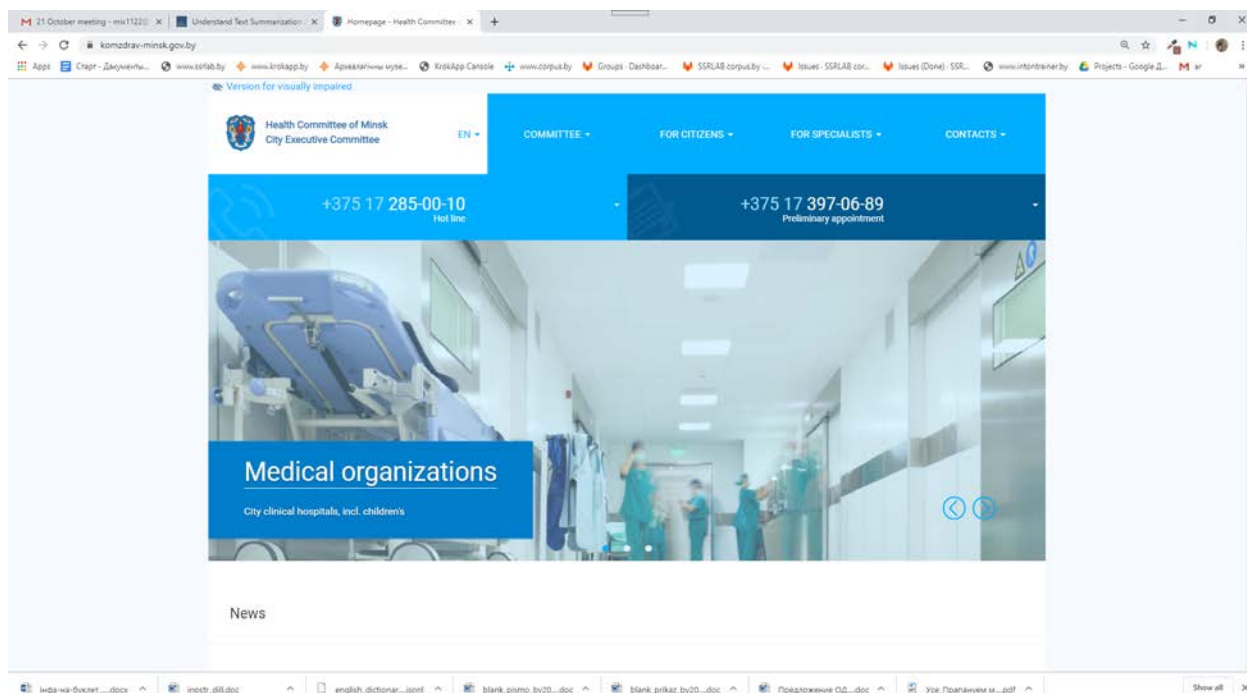


Title: The website of the Health Committee of Minsk City Executive Committee

Product Type: web-site

Languages: Belarusian, English, Russian

Tasks: front-end, back-end, multilingual translation and corrections, content management, permanent support, structure and menu updates, automatic backup, version for visually impaired



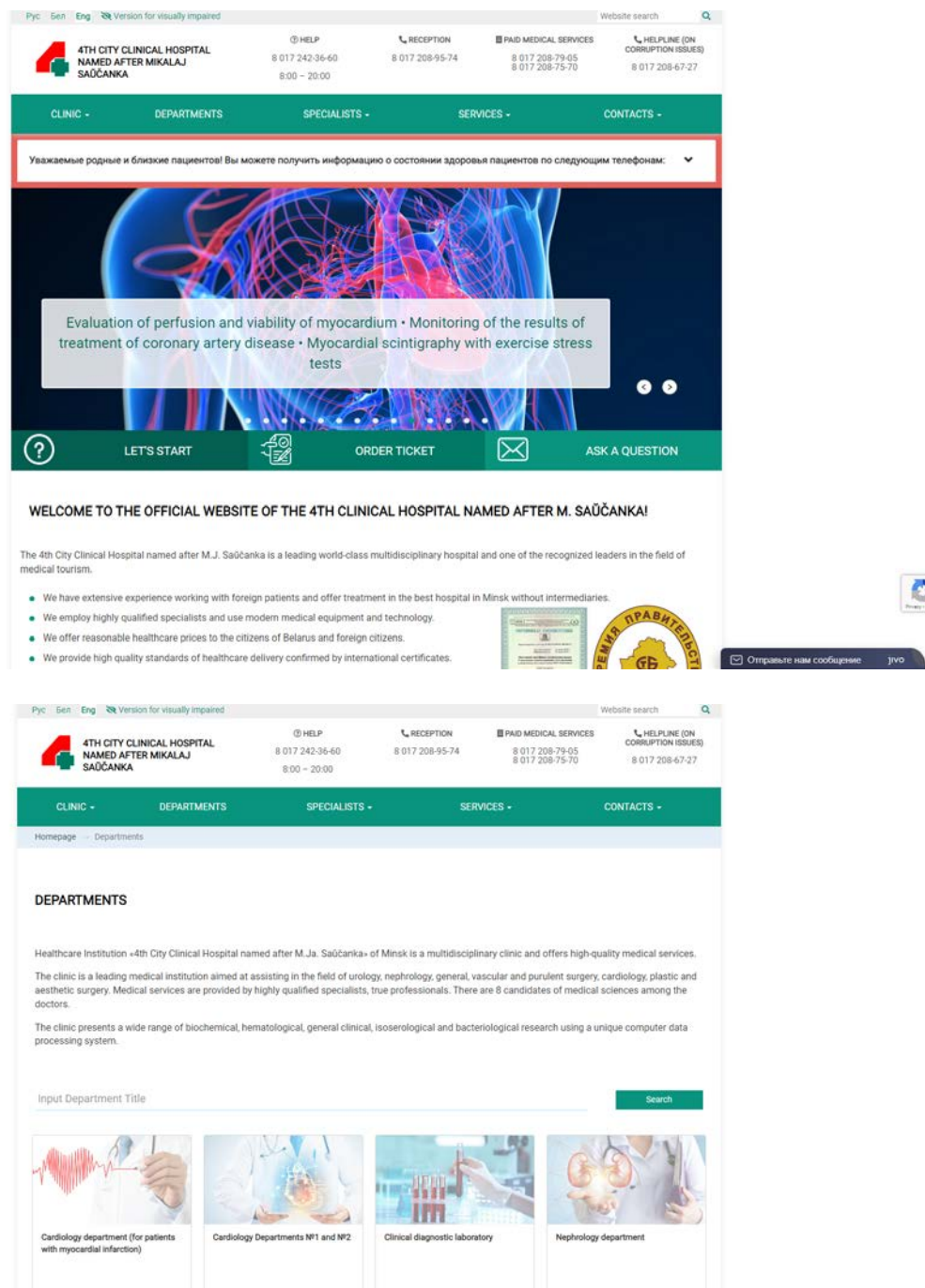
Title: The website of the 4th city clinical hospital named after Mikalaj Saŭčanka

Product Type: web-site

Link: <https://4gkb.by/>

Languages: Belarusian, English, Russian

Tasks: front-end, back-end, multilingual translation and corrections, content management, permanent support, automatic backup, version for visually impaired

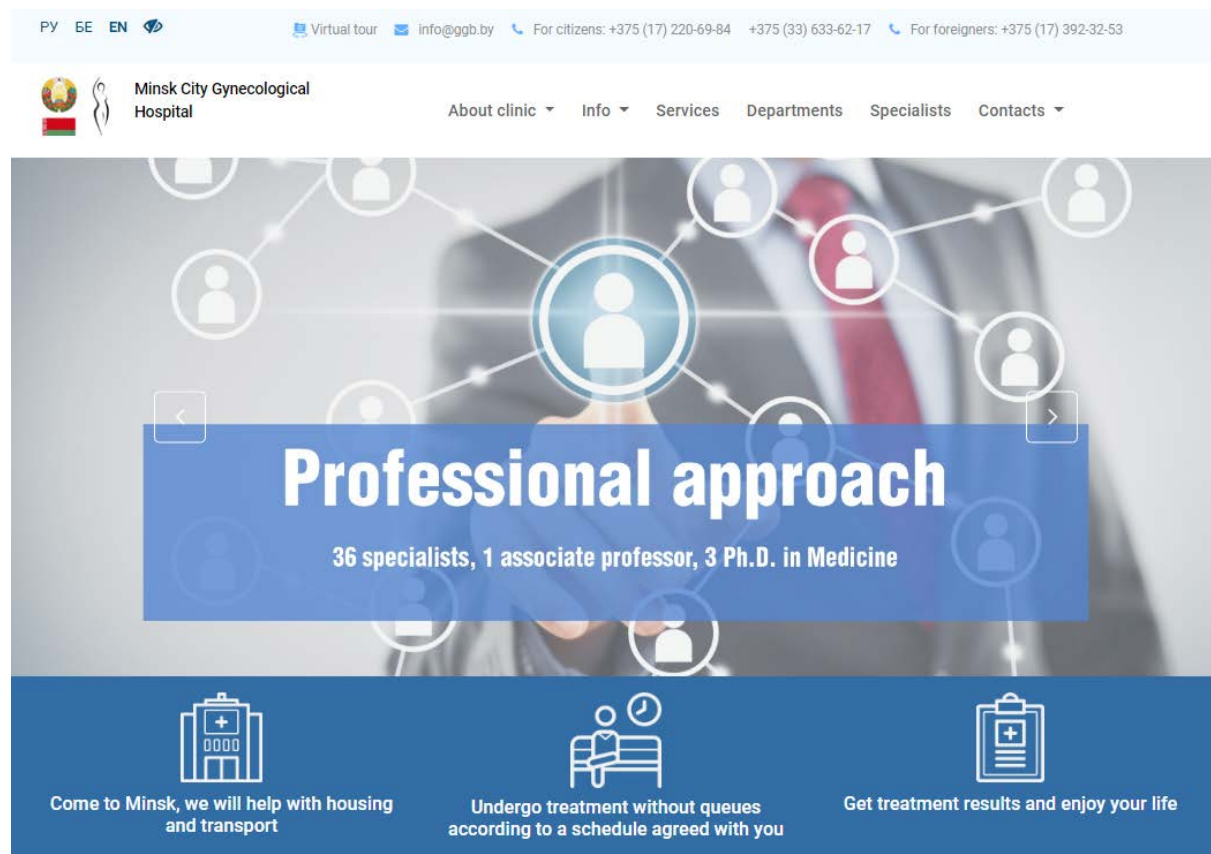


Title: The website of the Minsk City Gynecological Hospital

Product Type: web-site

Languages: Belarusian, English, Russian

Tasks: front-end, back-end, multilingual translation and corrections, content management, permanent support, structure and menu updates, automatic backup, version for visually impaired



Welcome to the website of the City Gynecological Hospital

The clinic employs 49 doctors, 1 of which is Honored Doctor of the Republic of Belarus, 3 doctors have the degree of candidate of medical sciences, 17 doctors with the highest qualification category, 18 doctors with the 1st qualification category.

The highly experienced gynecologists-endocrinologists will conduct a comprehensive examination that allows them to determine the patient's health status, to make an accurate diagnosis and to choose the right treatment tactic.

Press-releases

For patients

Special information

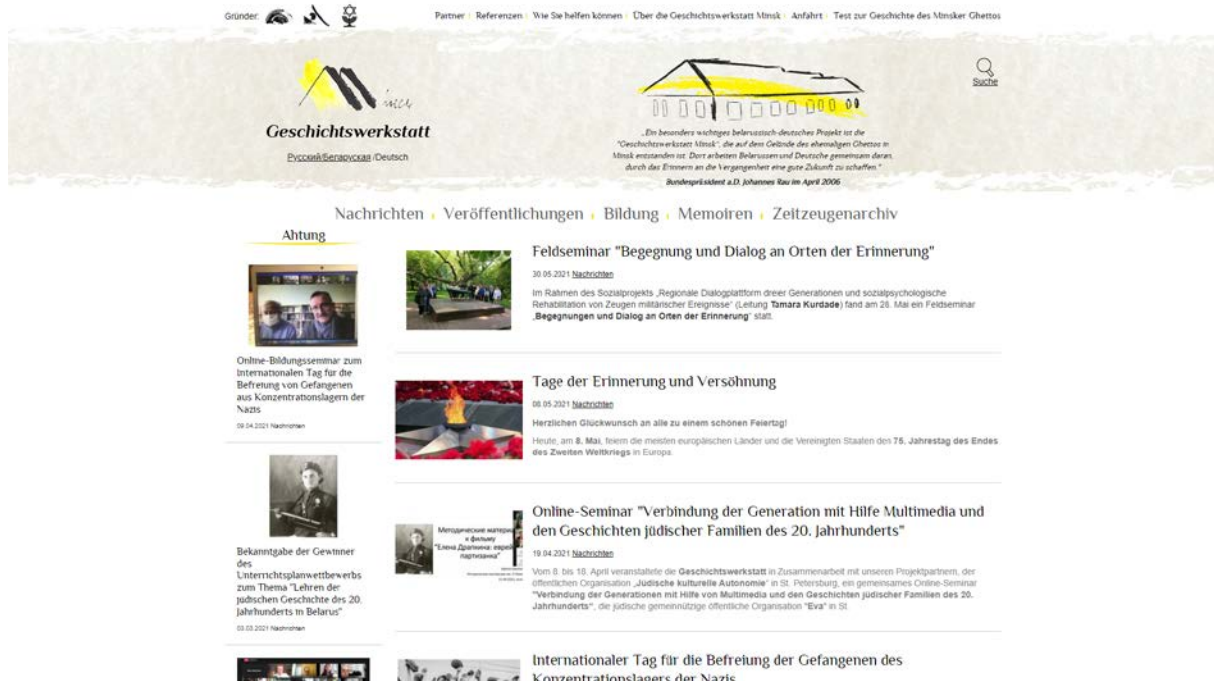
Title: The web-site of the Historical Workshop

Product Type: web-site

Link: <http://www.gwminsk.com/>

Languages: Belarusian/Russian, Deutsch

Tasks: Improvement of the web-site software




Title: Audioguides for the archaeological museum «Biarescie»

Product Type: website, Android & iOS programs; 1000 2-language euroflyers, 202 x 85 cm Velcom banner, set of stickers with QR codes

Link: <https://www.krokam.com/biarescie>

Languages: Belarusian, English, Russian, Polish, Chinese

Tasks: development of the interface and server parts, audio recordings of 5 language versions, multilingual translation and editing, location and content management, constant support, creating backups, advertising and promotion


ENGLISH

Please run the audio guide of the Biarescie Archaeological Museum

ANDROID


WEB

IOS




Archaeological Museum "Biarescie"

Berestye Archeological Museum is unique in Europe, because its visitors can view an archaeological site displaying an authentic East Slavic wooden town dating back to the 13th century. The 1800 sq.m site was excavated by archeologists of the Belarusian Academy of Sciences in 1968 – 1981 in Brest, Belarus. The project was supervised by Dr. P.F.Lysenko. In 1982, a modern structure of concrete, glass and aluminum in the shape of a huge pitched roof was erected over the archeological site. The museum was opened on March 2, 1982. The museum displays preserved 28 log cabins, as well over 1400 artifacts dating back to 10th and 14th centuries which were unearthed during the excavation.


HALLS GALLERY ENGLISH

[Return to the choice of versions of the guide](#)


Online version of the audio guide for the Biarescie Archaeological Museum




Archeological museum «Biarescie»




Archeological excavation




Hall 1
The pre-history and history of Biarescie in XI - 1st half of XIV c.



Hall 2
Layout and construction of Biarescie



Hall 3
Iron craft. Non-ferrous metal working



Hall 4
Spinning and weaving

14


Title: CLARIN Knowledge Centre for Belarusian text and speech processing

Product Type: website

Link: <https://clarin-belarus.corpus.by/>

Languages: English

Tasks: development of the interface and server parts, location and content management



CLARIN Knowledge Centre for
Belarusian text and speech
processing



Home Services Materials News Contact Q

Welcome to the CLARIN Knowledge Centre for Belarusian text and speech processing!


The CLARIN Knowledge Centre for Belarusian text and speech processing (K.BLP) is based at the [Speech Synthesis and Recognition Laboratory](#), the [United Institute of Informatics Problems](#) of the [National Academy of Sciences of Belarus](#), Minsk. The CLARIN Knowledge Centre for Belarusian text and speech processing is part of the [CLARIN ERIC](#), which holds the European [ESFRI-European Strategy Forum on Research Infrastructures](#) certification as a [landmark research infrastructure](#).

The Centre provides users knowledge for text, speech and other data processing for languages, especially for the Belarusian language. Our main target audience is researchers and enthusiasts in humanities and digital humanities with an interest in different aspects of linguistics and computational processing of language, please visit the [Services](#) and the [Materials](#) pages.

We offer a wide-ranging user support, guidelines and instructions for each service and material, please visit [Contacts](#).



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CLARIN Knowledge Centre for
Belarusian text and speech
processing

Home Services Materials News Contact Q

News

Grammatical Dictionary Processor is provided for CLARIN VLO!

31/01/2022

Grammatical Dictionary Processor is provided for the CLARIN VLO. The service allows the user to receive previously loaded and converted to the required format lexicographic data of the grammar dictionary... [Read More »](#)

Voice Activity Detector is provided for CLARIN VLO!

31/01/2022

The Voice Activity Detector is provided for the CLARIN VLO. The "Voice Activity Detector" service allows users to receive a detailed analysis of the audio recording to identify periods of... [Read More »](#)

Allophone Plotter is provided for CLARIN VLO!

30/10/2020

Allophone Plotter is provided for the CLARIN VLO. The seallows to display separate allophones in two graphic forms: oscillogram (audio amplitude vs. time plot) and spectrogram (plot of audio amplitude... [Read More »](#)

Allophone Frequency Counter is provided for CLARIN VLO!

16/10/2020

Allophone Frequency Counter is provided for the CLARIN VLO. The service is intended for a specific professional range of users who are engaged in the process of improving the Text-to-Speech... [Read More »](#)

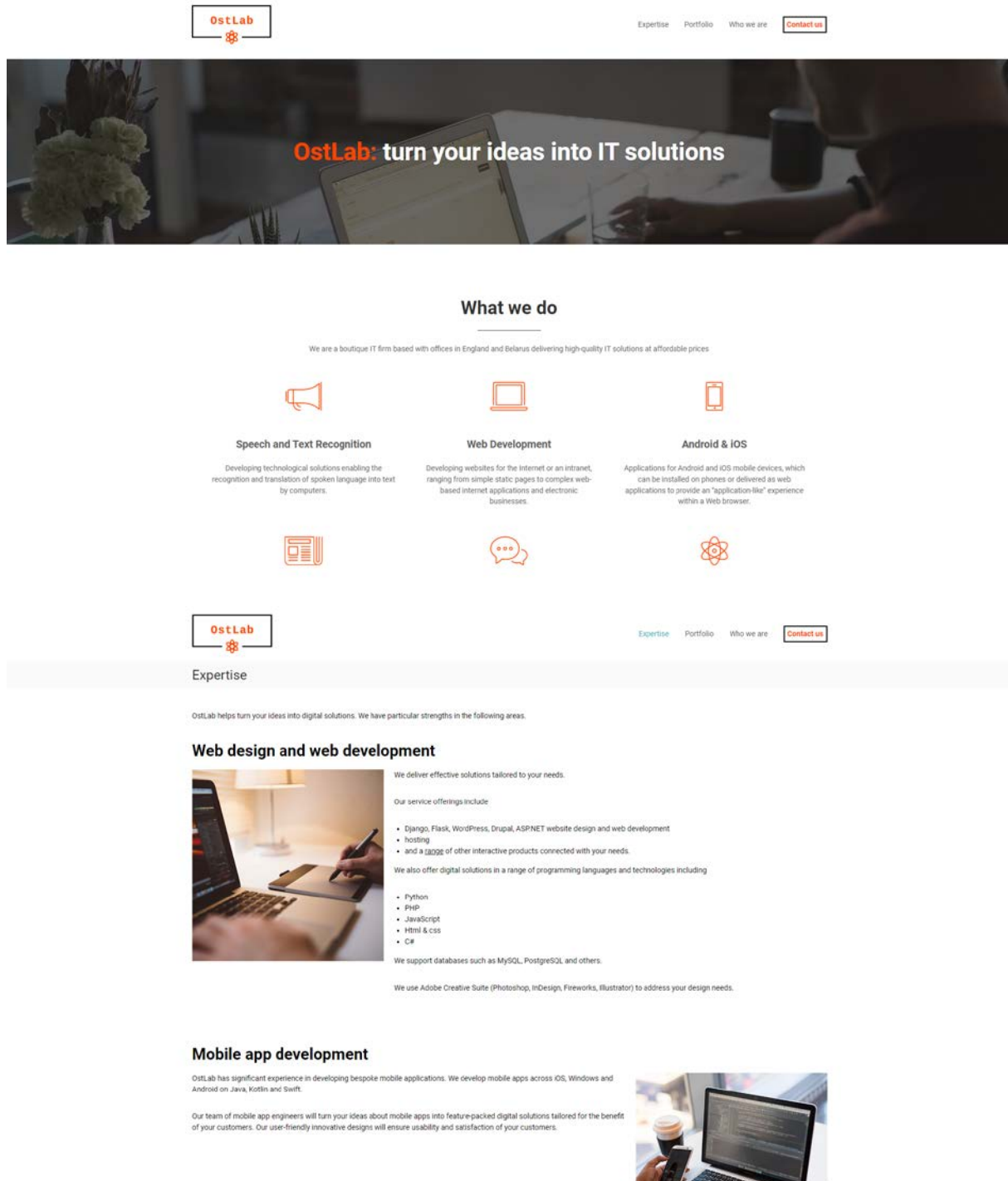
Title: OstLab

Product Type: web-site

Link: <https://ostlab.uk/>

Languages: English

Tasks: development of the interface and server parts, location and content management



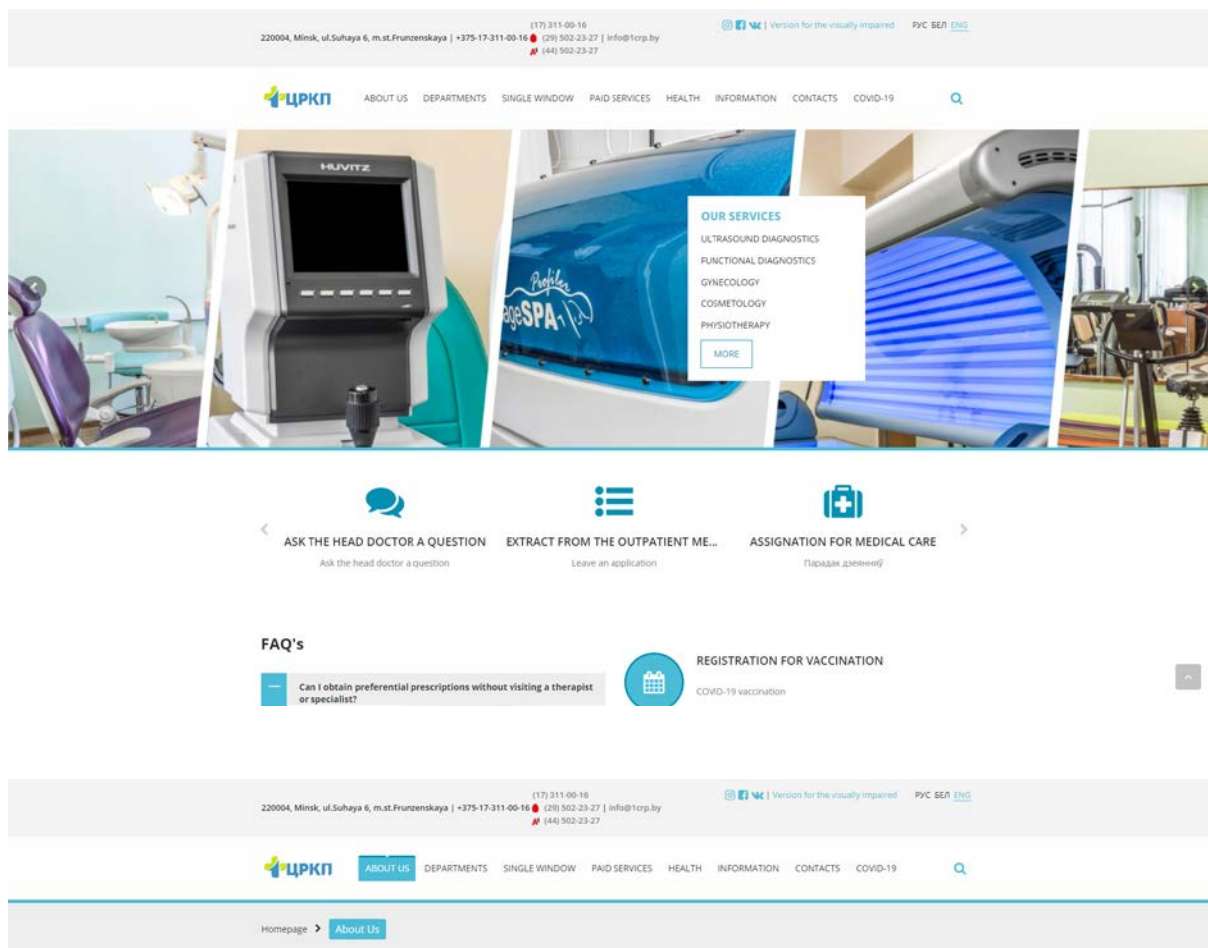
Title: 1st Central district clinical polyclinic of the Centralny district of Minsk

Product Type: web-site

Link: <https://1crp.by/>

Languages: English, Belarusian, Russian

Tasks: multilingual translation and corrections, content management, permanent support, automatic backup, version for visually impaired



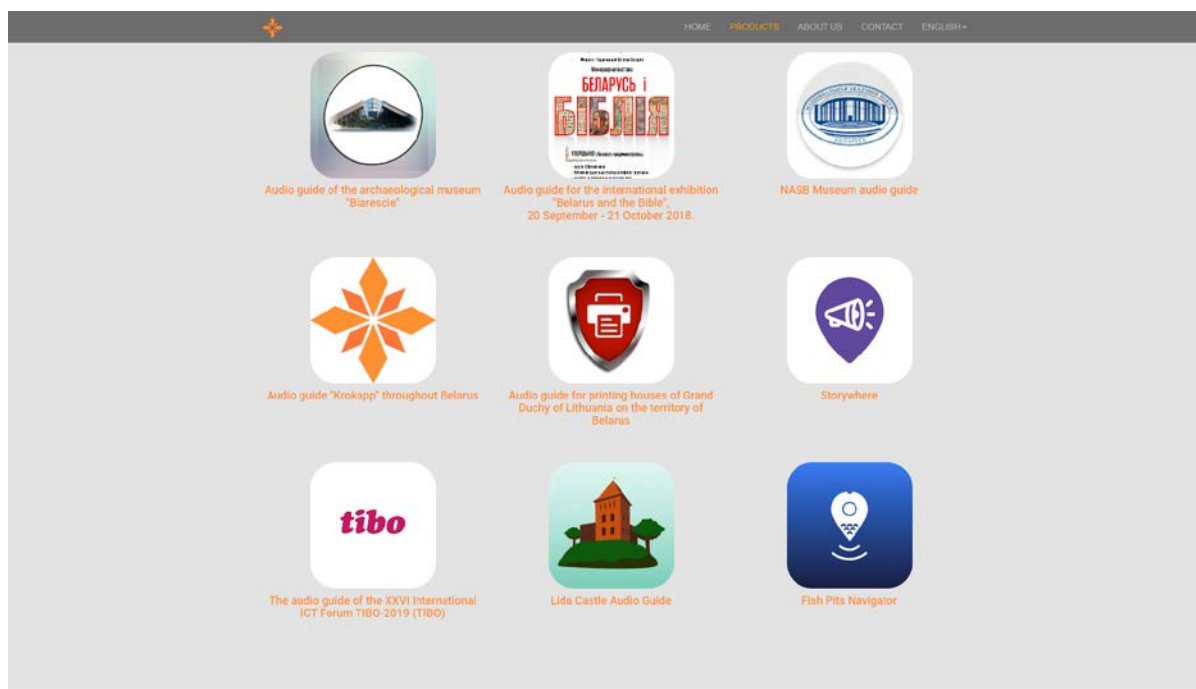
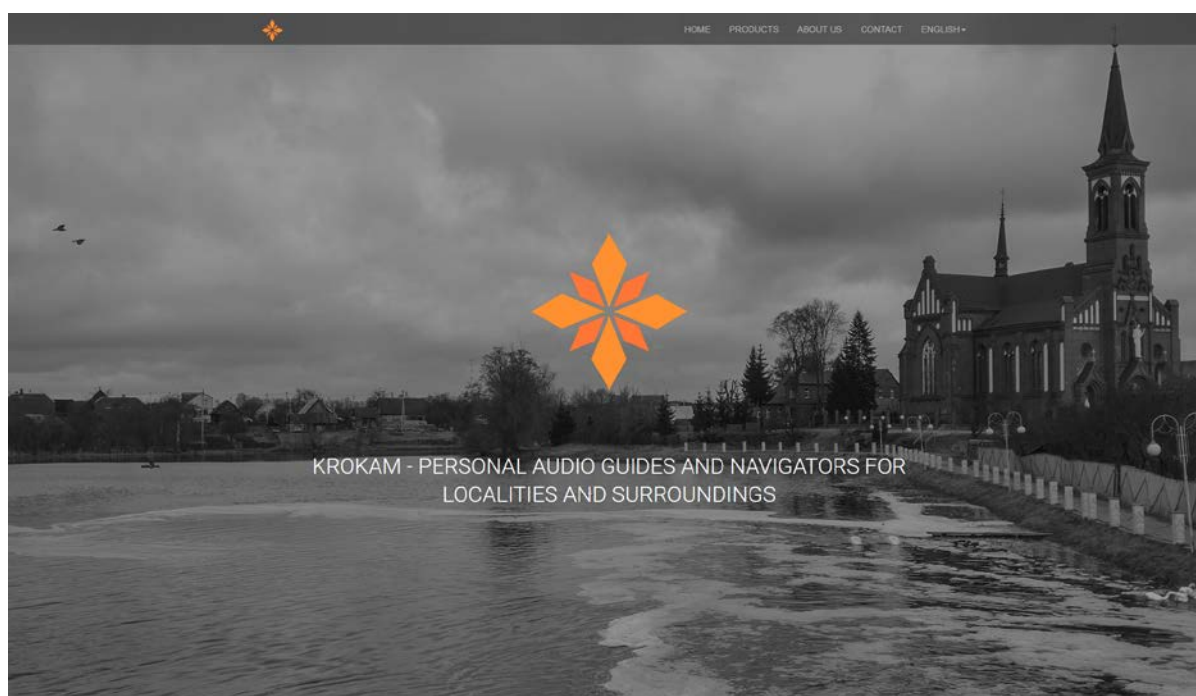
Title: Historical cultural platform «KROKAM» — personal audio guides and navigators for localities and surroundings

Product Type: web-site, mobile Android and iOS app

Link: <https://www.krokam.com/>

Languages: Belarusian, English, Russian

Tasks: front-end, back-end, development and management of multilingual content, launch on a client's server, permanent support, automatic backup; Android and iOS



Title: audio guide to the object "Lida Castle"

Product type: website, mobile app for iOS

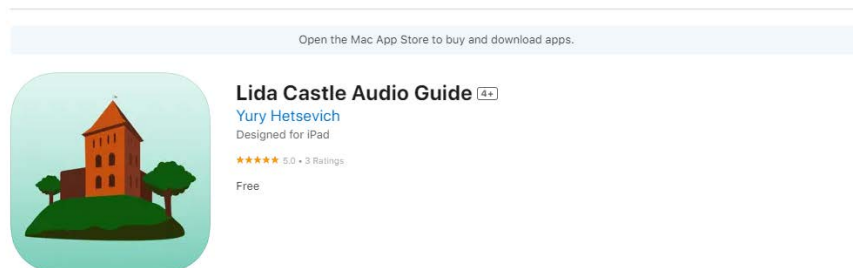
Link: <https://lida-zamak.krokom.by/>

Languages: Belarusian

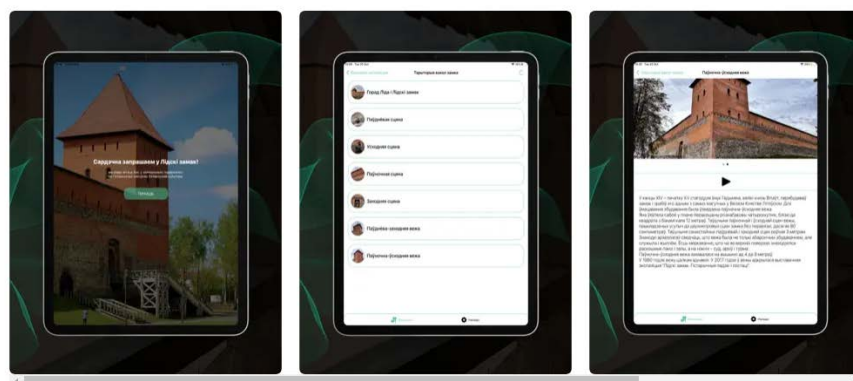
Tasks: design (front-end), software implementation of the Web platform (back-end), content verification, launch on the client's server, support, automatic backup of program code and data, QR codes creation for exhibits, software implementation of a mobile application for iOS, publication in AppStore.



App Store Preview



Screenshots iPad iPhone



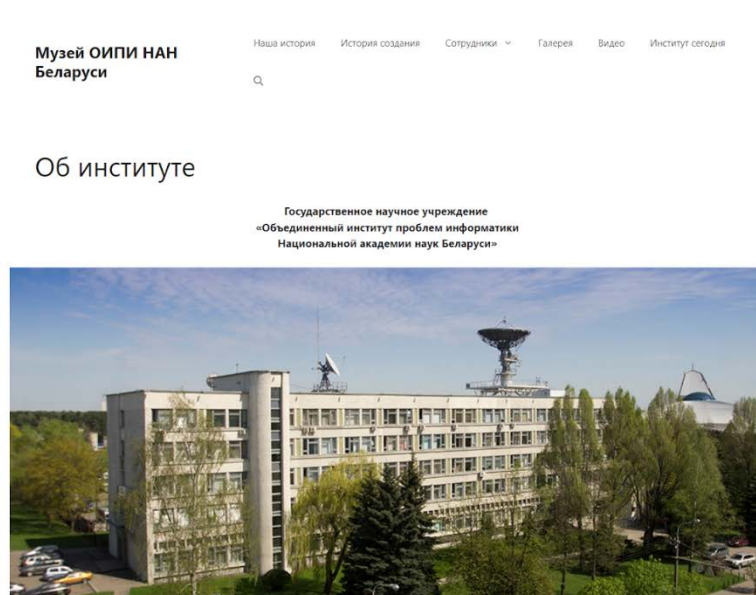
Title: Museum of the UIIP of the National Academy of Sciences of Belarus

Product Type: web-site

Link: <https://museum.uiip.by/>

Languages: Russian

Tasks: development of interface and server parts, deployment and content management, launch on the client's server, support, automatic backup of program code and data.



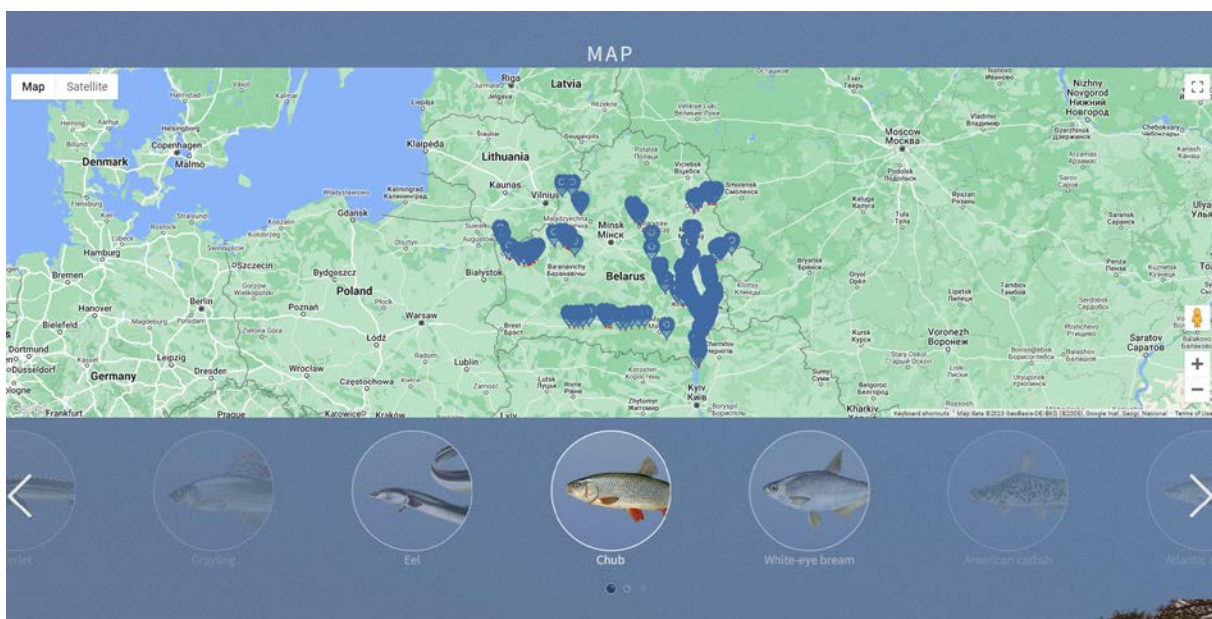
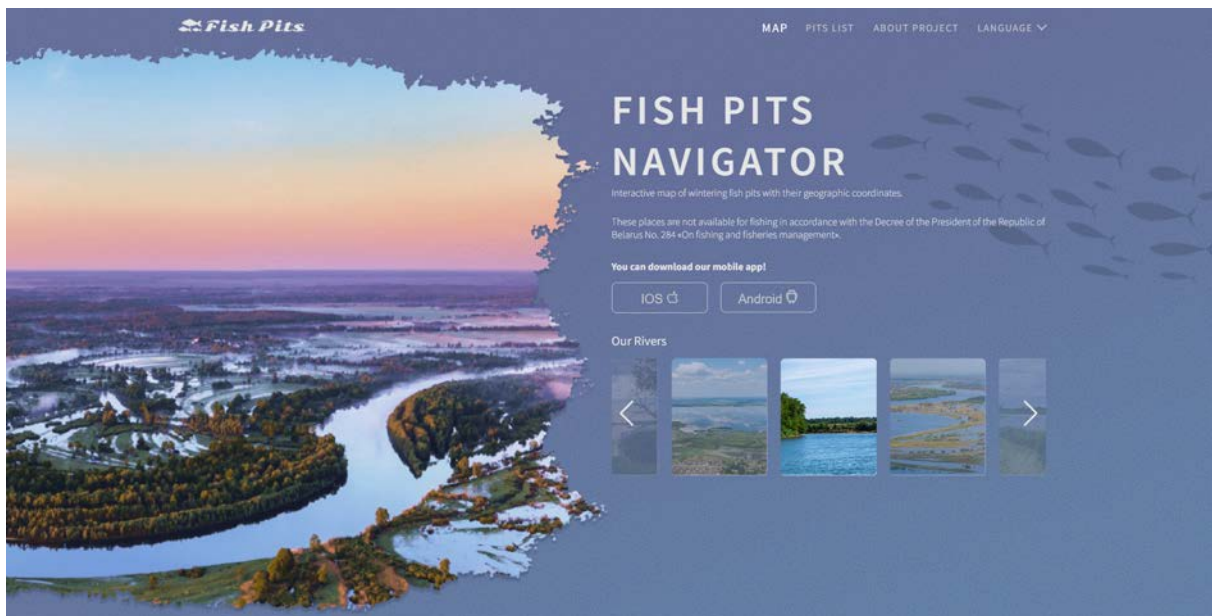
Title: navigator on fish wintering pits “Fish Pits”

Product Type: website, mobile iOS app

Link: <https://fish-pits.krokam.by/#>

Languages: Belarusian, English, Russian

Tasks: design (front-end), software implementation (back-end), development and management of multilingual content, launch on the client's server, permanent support, automatic backup of program code and data (automatic backup), software implementation of mobile applications for iOS and Android, publication in the AppStore and Google Play.



App Store Preview

Open the Mac App Store to buy and download apps.



Fish Pits Navigator

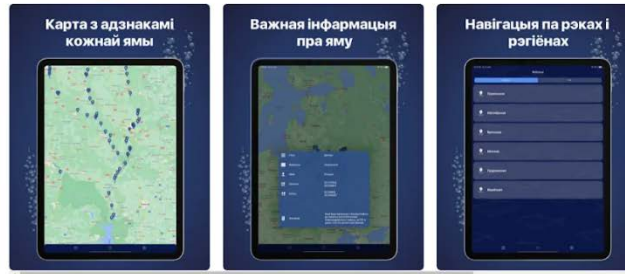
Yury Hetsevich

Designed for iPad

★★★★★ 5.0 x 1 Rating

Free

Screenshots iPad iPhone



Google Play

Игры

Приложения

Фильмы

Книги

Детям



Fish Pits Navigator

Krokom LLC

10+

Количество скачиваний



3+

Установить



Добавить в список желаний

У вас нет устройств.



Связь с разработчиком

Krokom LLC: другие приложения

Берестье

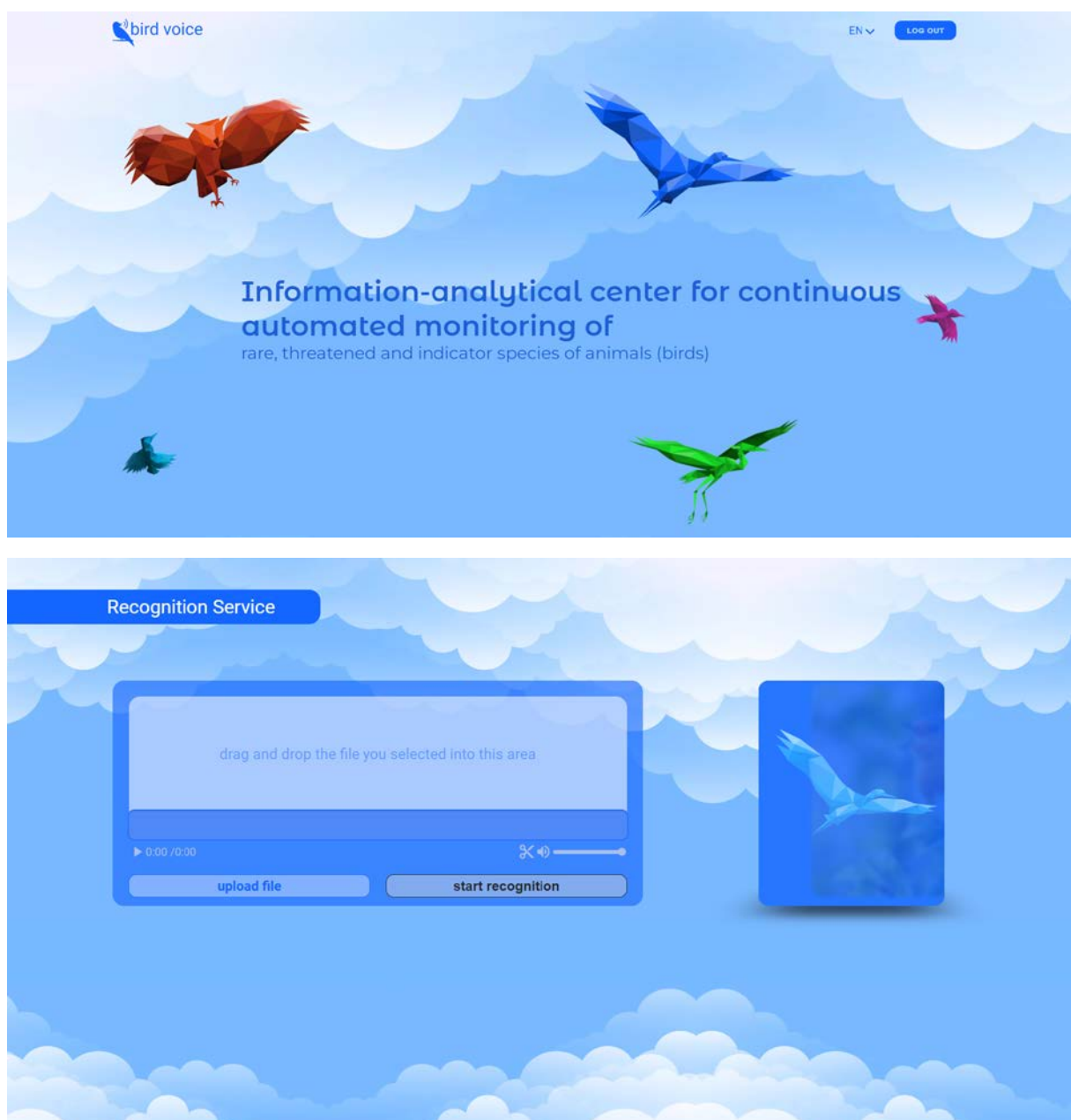
Title: Informational and Analytical Center for permanent automated monitoring

Product Type: website

Link: <https://bird-voice-iac.ssrlab.by/>

Languages: Belarusian

Tasks: design (front-end), software implementation (back-end), automatic backup of program code and data (automatic backup), 2 models of bird voice recognition have been developed.



Contacts

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

Online

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

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



Social network

(<https://www.facebook.com/ssrslab>)

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