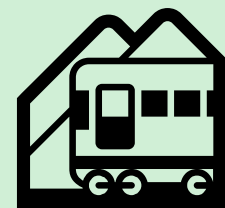


Digital Transformation of Education

Urgent Challenges in Education



inability to conduct a full-time studying at all the levels of education, high level of risk for children's and student's gatherings, educational institutions are transformed into temporary shelters



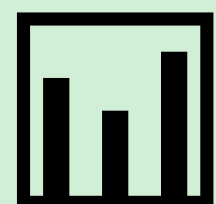
massive internal displacement of teachers and students, disproportion of the requests for educational services among the regions of Ukraine



high number of **children and educators fled abroad**








inability to carry out standard **admission campaign for HEIs and VET**








lack of sufficient data to conduct an effective decision-making process for the stabilization of the educational processes

Challenges

-  inability to conduct a full-time studying
-  massive internal displacement
-  high number of children and educators fled abroad
-  inability to carry out standard admission campaign for HEIs and VET
-  lack of sufficient data to conduct an effective decision-making process

Solutions

-  distance learning, development of the e-content, teacher's trainings, modernization of educational platforms, technical equipment of teachers and students
-  e-services for effective management and communication of the process of temporary placement of teachers and children
-  development of the institutional capacity of the International Ukrainian School
-  new system for transparent eExams and eAdmission
-  support of the Institute of Educational Analytics to continue sustainable collection, storage and usage of the education statistics

All-Ukrainian School Online

integrated platform for distance and blended learning



Progress

400k+ users

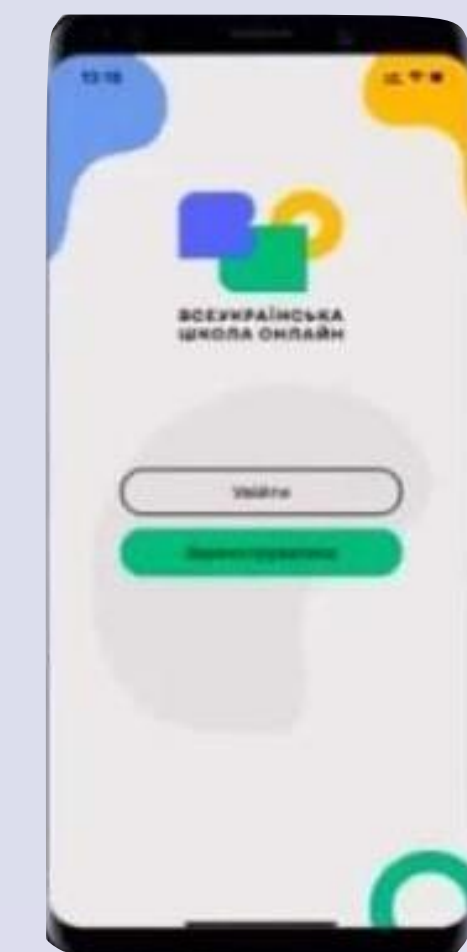
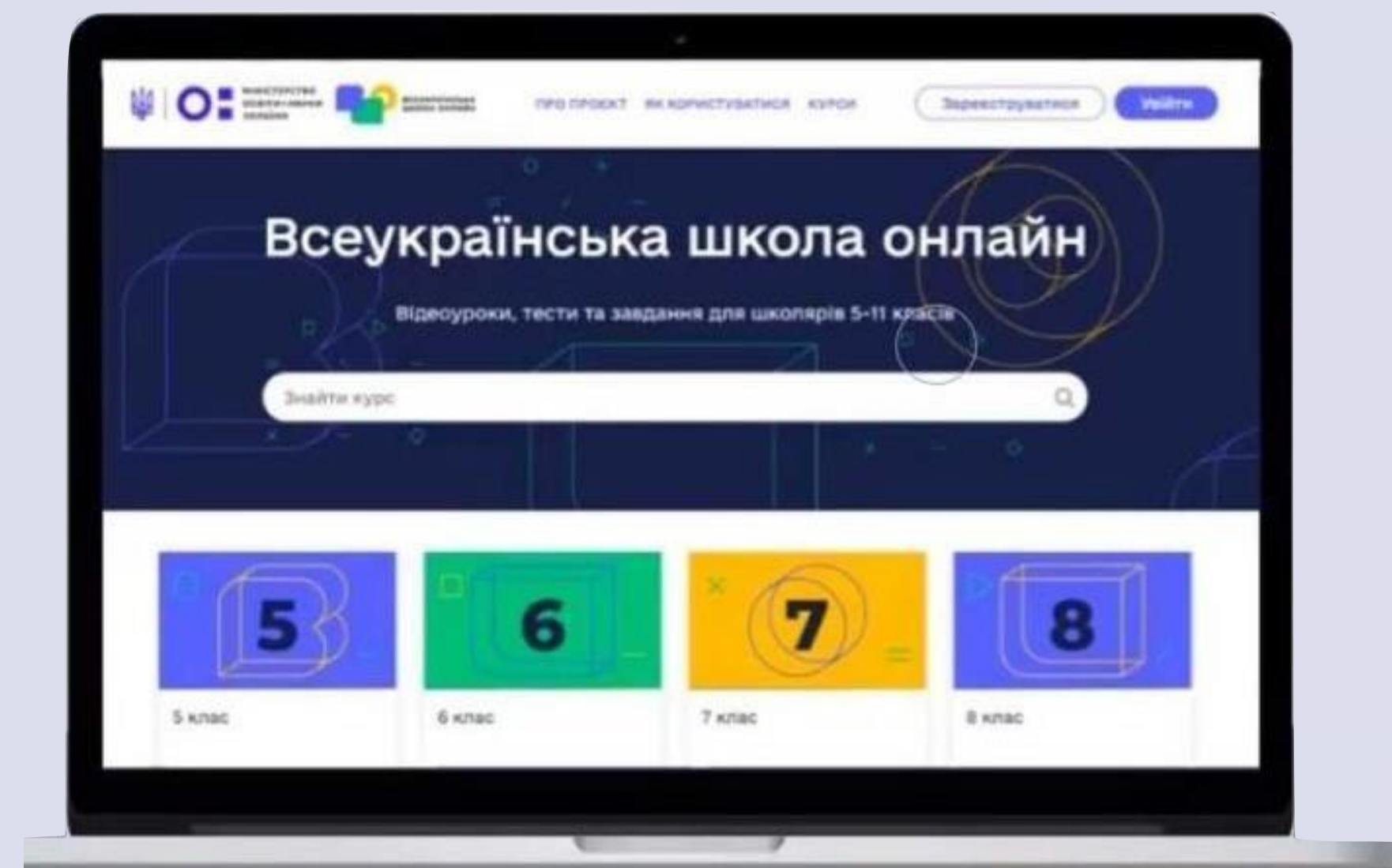
mobile application + e-Cabinet for teachers

2200 lessons and 400+ hours of video footage

more than 2,2 mln of video views

users from 134 countries

developed recommendations/methodology for teachers in up to 10 languages



All-Ukrainian School Online



current needs for the e-content

in progress

Primary School
(1-4 grades)

interactive courses, mobile app with
elements of gamification for state standard
curriculum

high priority

development of the extra-curriculum content

Secondary School
(5-11 grades)

update of the already developed and placed
content

high priority

new courses and extra-curriculum content
development

Vocational Education
and Training

full coverage of the professional standards
programs

high priority

Digital Content Implementation Team for VET and HEIs

coordination and promotion of distance learning experience for HEIs and VET students



Progress

- reached agreements to provide free access to Coursera, edX, Udemy platforms
- communication with Zoom, Google for Edu, Microsoft on providing relevant e-tools
- designation of the project manager, responsible for coordination HEIs learning experience in distance and/or blended format
- communication with formal/non-formal education providers to ensure free access to materials for HEIs and VET students



Current needs

- create the support office for establishment partnerships with top-class foreign HEIs and non-formal education providers for free of cost deployment of their learning materials for Ukrainian HEIs
- digital education support web-page with all the processes, recommendations, solutions and forum/QA functions for HEIs and VETs

in progress

Psychological Care Content

psychological support for children during wartime



Progress

- broadcast of the 'Psychological Care' video footage on the national TV channels, available also on the official MESU website and Youtube page
- launch of psychological support project by MESU and Unicef 'Poruch'
- telegram-channel 'Support the Child'
- launch of School for Super-Heroes



Current needs

- development and further placement of training courses for educators on providing psychological support for children
- development of the social emotional learning courses, trauma informed content for learners
- support of inclusive education centers in Ukraine, certificate programs for children psychologists

in progress

in progress

Technology Equipment Provision

devices supply for learners and teachers to ensure uninterrupted learning experience



Progress

- preparation of a survey to identify needs for quality distance learning for children and teachers who are evacuated or in need
- negotiations with several computer hardware producers (Microsoft, Google)
- 'Laptop for every teacher' initiative (accomplished in 20221):

62K+ of laptops launch of the [public dashboard](#)



Current needs

- additional purchasing of computer hardware and equipment, tablets, for teachers and learners

in progress

International Ukrainian School

public educational institution that provides Ukrainian education for children living abroad



Progress

around 60 teachers

more than 3000k students

90 countries

learning process is adopted to Ukrainian curriculum



Current needs

- establish the support office to improve educational and communication capacity of the International Ukrainian School
- platform development and it's integration with All-Ukrainian Online School
- technical support and equipment for re-location the school office to western Ukraine

e-Admission and e-Exams in 2022

of utmost
significance

fit-for-purpose and user-friendly admission tools for VET and HEIs entrants



Progress

- e-Admission: 293 335 applicants through e-Cabinet in 2021
- e-Exams: more than 100k citizens have already passed the Ukrainian language digital exam made by National Commission of Ukrainian Language Standards



Current needs

- analysis and technical specification for the project
- development of the e-Exams module
- update of the admission campaign module according to the latest national regulation
- update of the e-Cabinet module for application to HEIs
- development of the e-Cabinet module for application to VET institutions

high priority

Educational Analytics

informational and analytical support of the Ministry of Education and Science of Ukraine



Progress

- submission of the application for free of charge Amazon cloud
- preparation to carry out a survey on the number of fled or internally displaced teachers and learners



Current needs

- software development, hosting & technical support of existing systems, their deployment on cloud services
- systematic research, regular surveys and other formats of data collection
- model evidence-based scenarios of possible comprehensive support for displaced learners
- data collection and monitoring of the number of teachers, students fled Ukraine

high priority

CDTO Team
Ministry of Education and Science of Ukraine



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