MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

bologna process

EUROPEAN Higher Education Area

Digital educational credentials in Ukraine: Diia

TPG-LRC CoRE
PLA on digital solutions for the recognition agenda. Input phase

19 September 2023

Co-funded by the European Union

This PLA is organised within the framework of the EU co-funded project TPG-LRC CoRE

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

Ministry of Digital Transformation of Ukraine

eGA e-governance academy

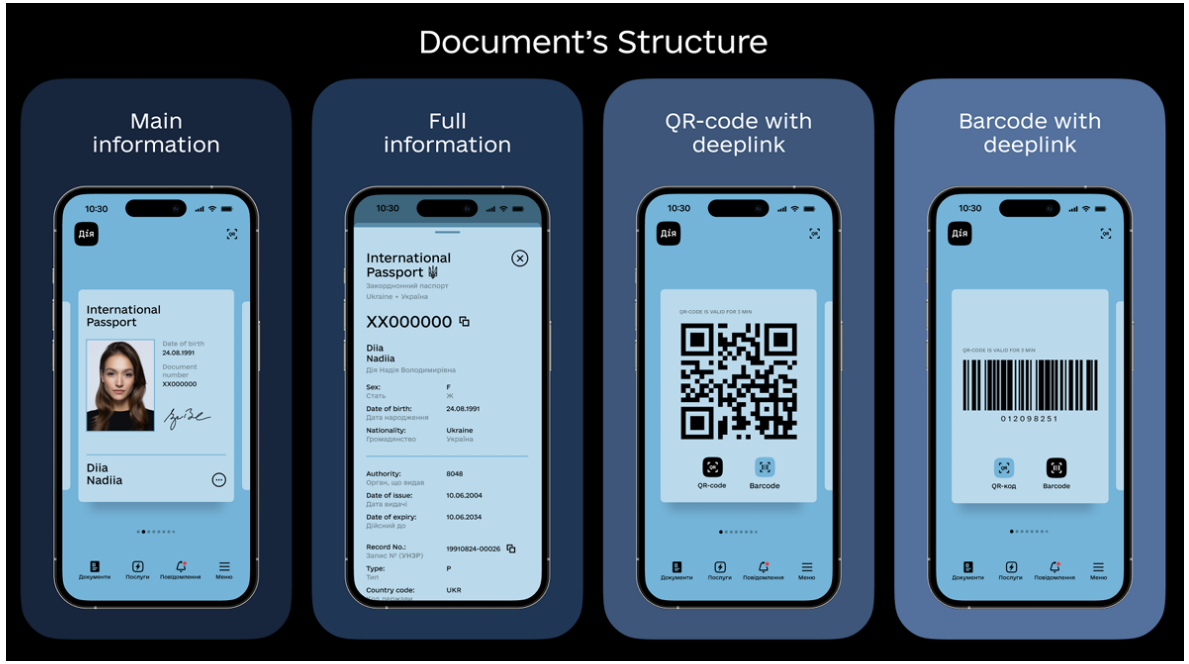
572 DAYS OF russian WAR IN UKRAINE

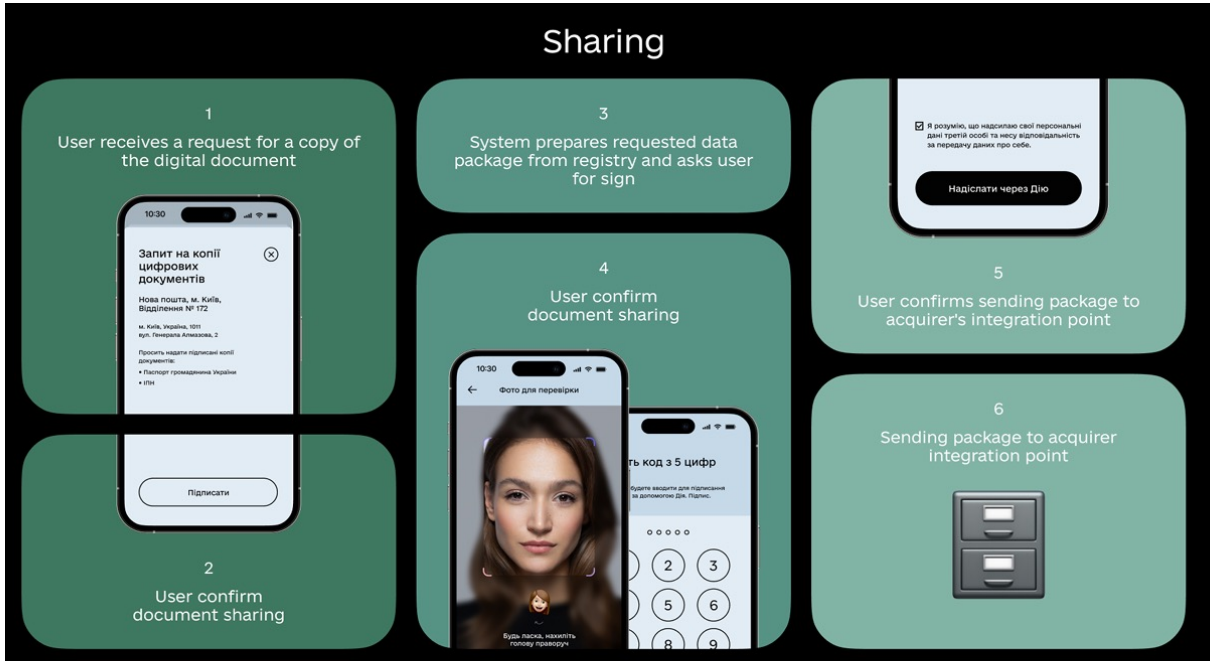
- over **3416** education facilities damaged
- ca. **363** education facilities destroyed completely
- **504** children died, more than **1123** injured
- over **8** million of externally displaced people
- approx. **7** million of internally displaced people

→ at least 1/3 of Ukrainian citizens may have paper-based educational documents destroyed/flooded/burnt/lost…

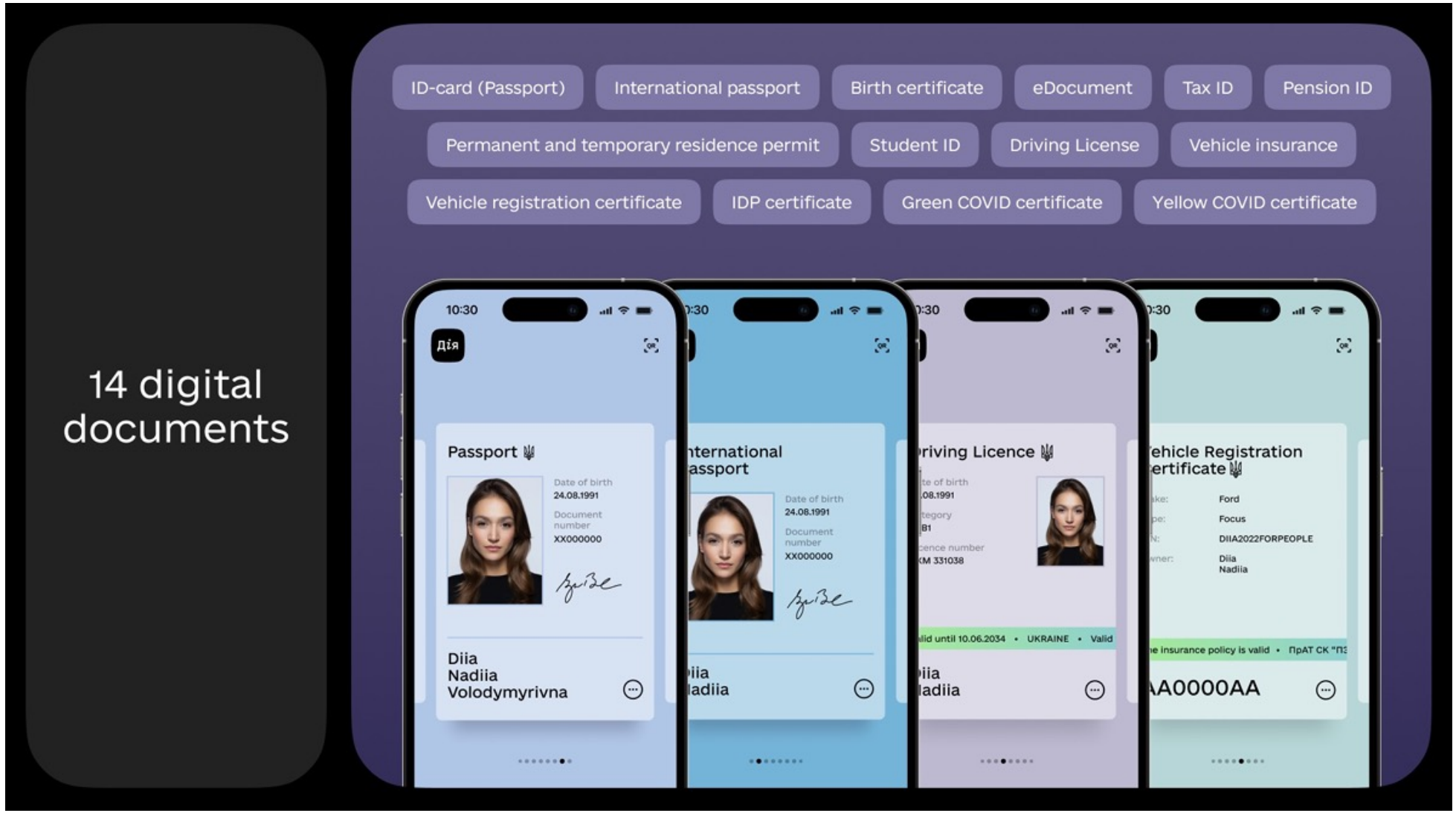
Source: Diia presentation, Ministry of Digital Transformation of Ukraine, e-Governance Conference 2023

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
Ministry of Digital Transformation of Ukraine
eGA e-governance academy





Source: Diia presentation, Ministry of Digital Transformation of Ukraine, e-Governance Conference 2023



Source: [Diia presentation](), Ministry of Digital Transformation of Ukraine, e-Governance Conference 2023

Source: Diia presentation, Ministry of Digital Transformation of Ukraine, e-Governance Conference 2023

Educational documents in Diia: intervention scope

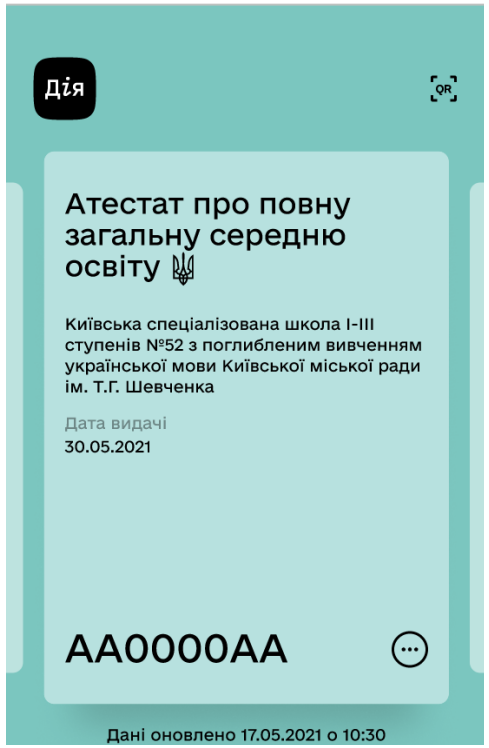
42,3M: 2000-2023

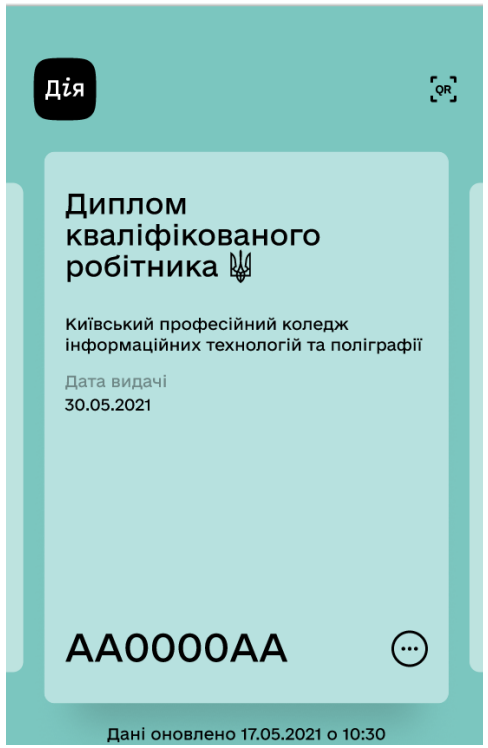
School: 22,7M (EQF 2-3)

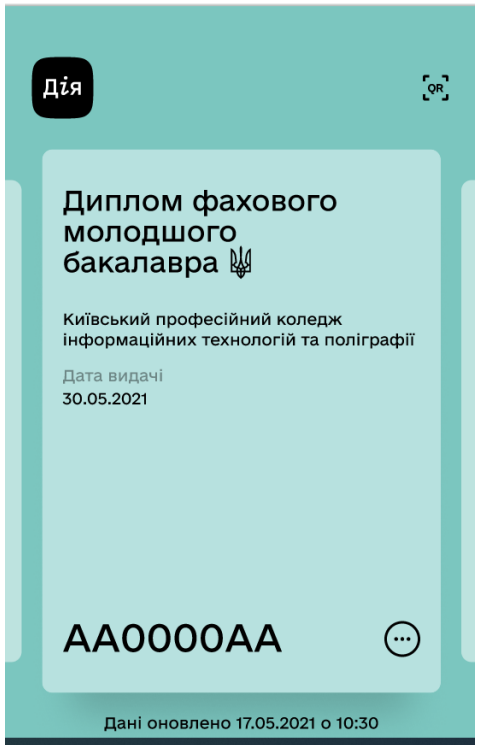
VET: 4,2M (EQF 4)

Professional pre-higher education: 0,02M (EQF 5)

Higher education: 15,2M (EQF 5-8)







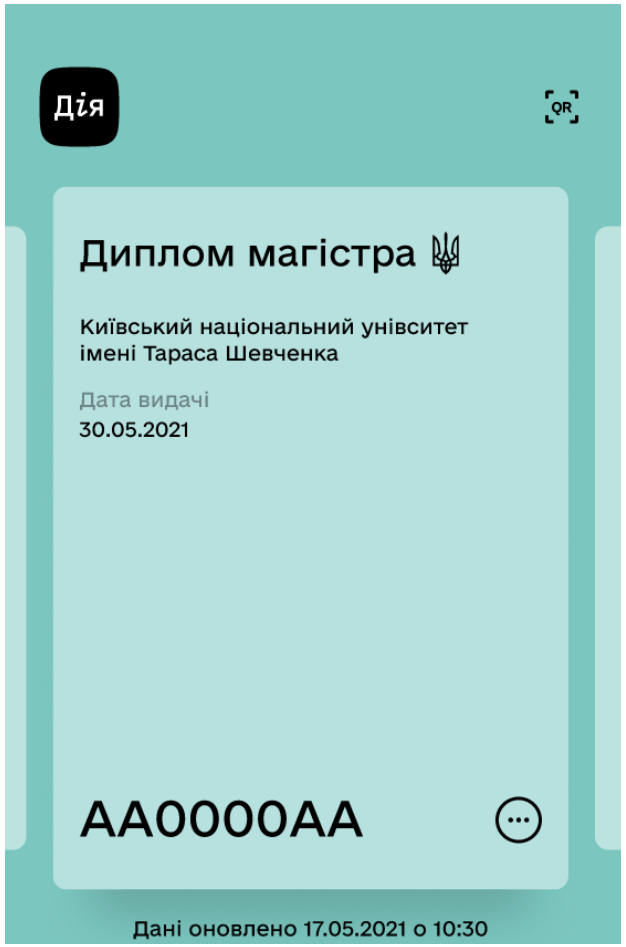
Information from both currently and previously in force educational documents will be demonstrated in Diia.

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

Ministry of Digital Transformation of Ukraine

eGA e-governance academy

Educational documents in Diia: pre-launch demo



Diia.Signature signature compliance with eIDAS standards

European Commission

[DSS Demonstration WebApp (europa.eu)]

DSS Demonstration WebApp

European Commission > DIGITAL > eSignature > Digital Signature Services > Validate a signature

- e-Signature
  - Sign a document
  - Sign a digest
  - Sign a PDF
  - Sign with JAdES
  - Sign multiple documents
  - Counter sign a signature
  - Standalone application
  - REST/SOAP WebServices
- Server side

Validate a signature

Privacy notice: Please note that by using the below functionality of the DSS demonstration, your files are going to be transmitted to the infrastructure of the European Commission. With your action to do so, you consent to this transmission of data and **we strongly advise you to use documents that do not contain sensitive material.** Files that have been transmitted are not retained.

Signed file: Choose File — No file chosen

Original file(s): Choose Files — No file chosen

Send original file(s) as: ◉ Complete documents ○ SHA1 ○ SHA256 ○ SHA384 ○ SHA512

More options

Submit | Clear

Validation of electronic signatures and indication if they are Advanced electronic Signatures (AdES), AdES supported by a Qualified Certificate (AdES/QC) or a Qualified electronic Signature (QES). Validation against the EU MS Trusted Lists and third country Trusted Lists with voluntary-based AdES recognition.

Signature SIGNATURE[redacted]_20230525-1518

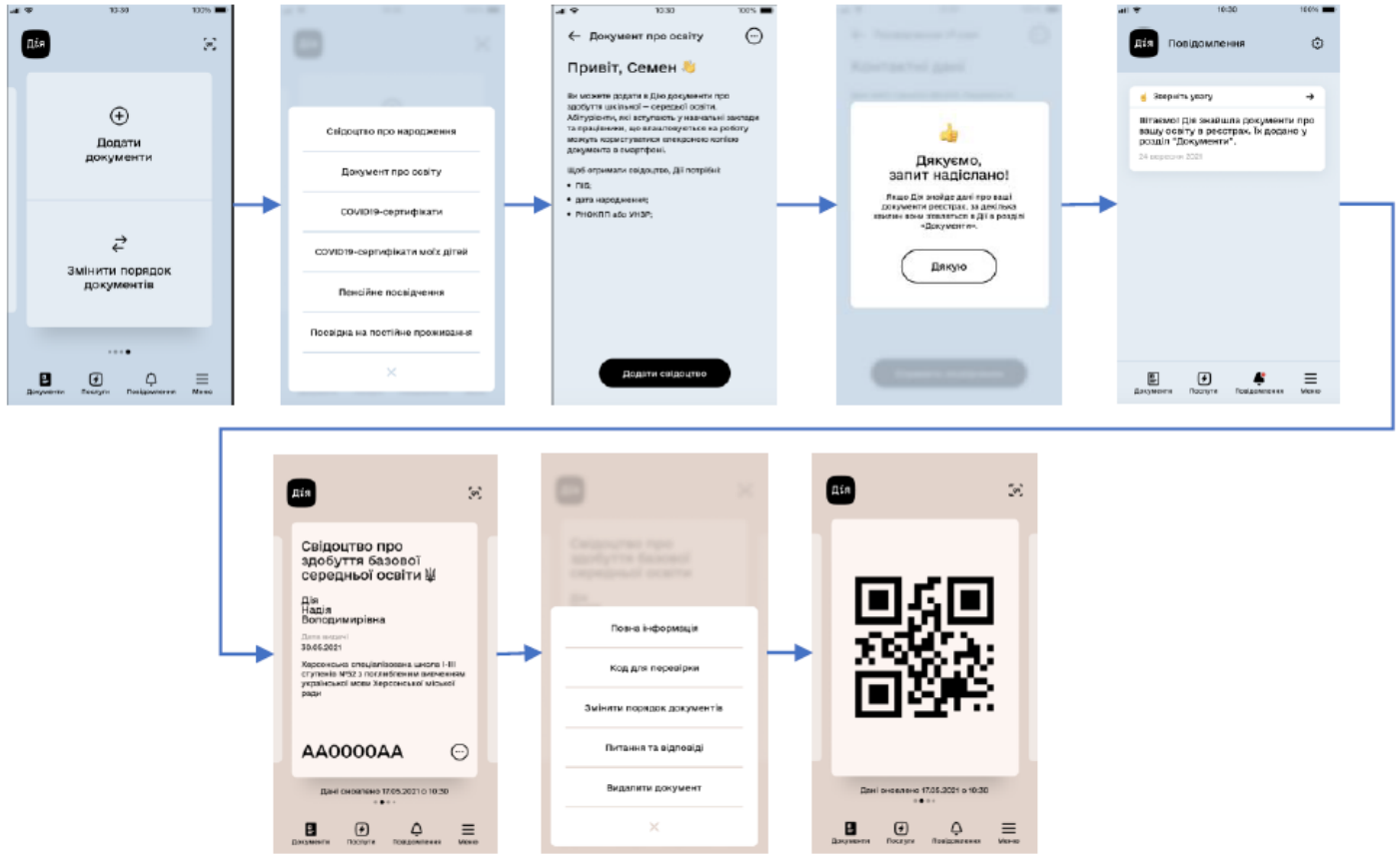
Signature filename:	META-INF/signature001.p7s
Qualification:	AdESig
Qualification Details:	The certificate is not related to a CA/QC! The certificate is not qualified at (best) signing time! The certificate is not qualified at issuance time! The private key does not reside in a QSCD at (best) signing time! The validation is relying on the TC AdES List of the lists providing information notified by third countries to facilitate the validation of electronic signatures or seals created in third countries as meeting the requirements of (EU) advanced electronic signatures or seals in accordance with Regulation (EU) No 910/2014.
Signature format:	CAdES-C
Indication:	TOTAL_PASSED
Certificate Chain:	[redacted] "DIIA". Qualified Trust Services Provider → State enterprise "DIIA" Central certification authority
On claimed time:	2023-05-25 15:18:38 (UTC)
Best signature time:	2023-05-25 15:18:39 (UTC)
Signature position:	1 out of 1
Signature scope:	META-INF/ASiCManifest001.xml (FULL) Manifest document
Signature scope:	photo_2023-05-24 12.35.14.jpeg (FULL) Full document

Timestamps 2

Document Information

Container type:	ASiC-E
Signatures status:	1 valid signatures, out of 1
Document name:	photo_2023-05-24 12.35.14.jpeg.asice

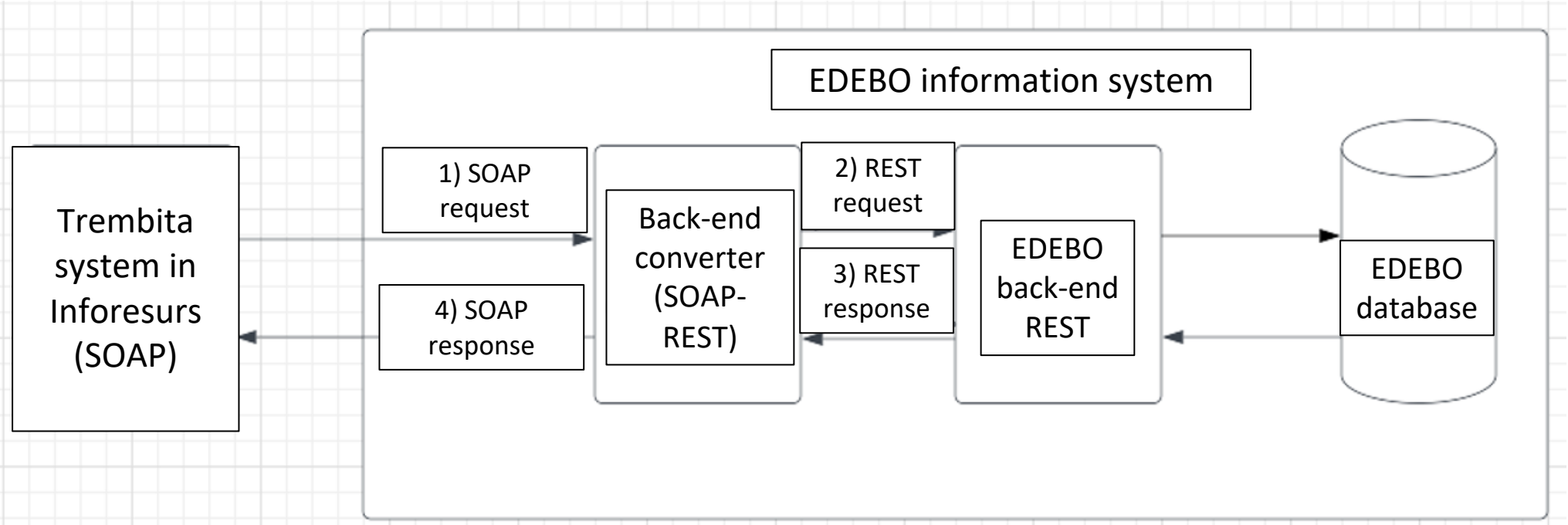
User experience: input phase



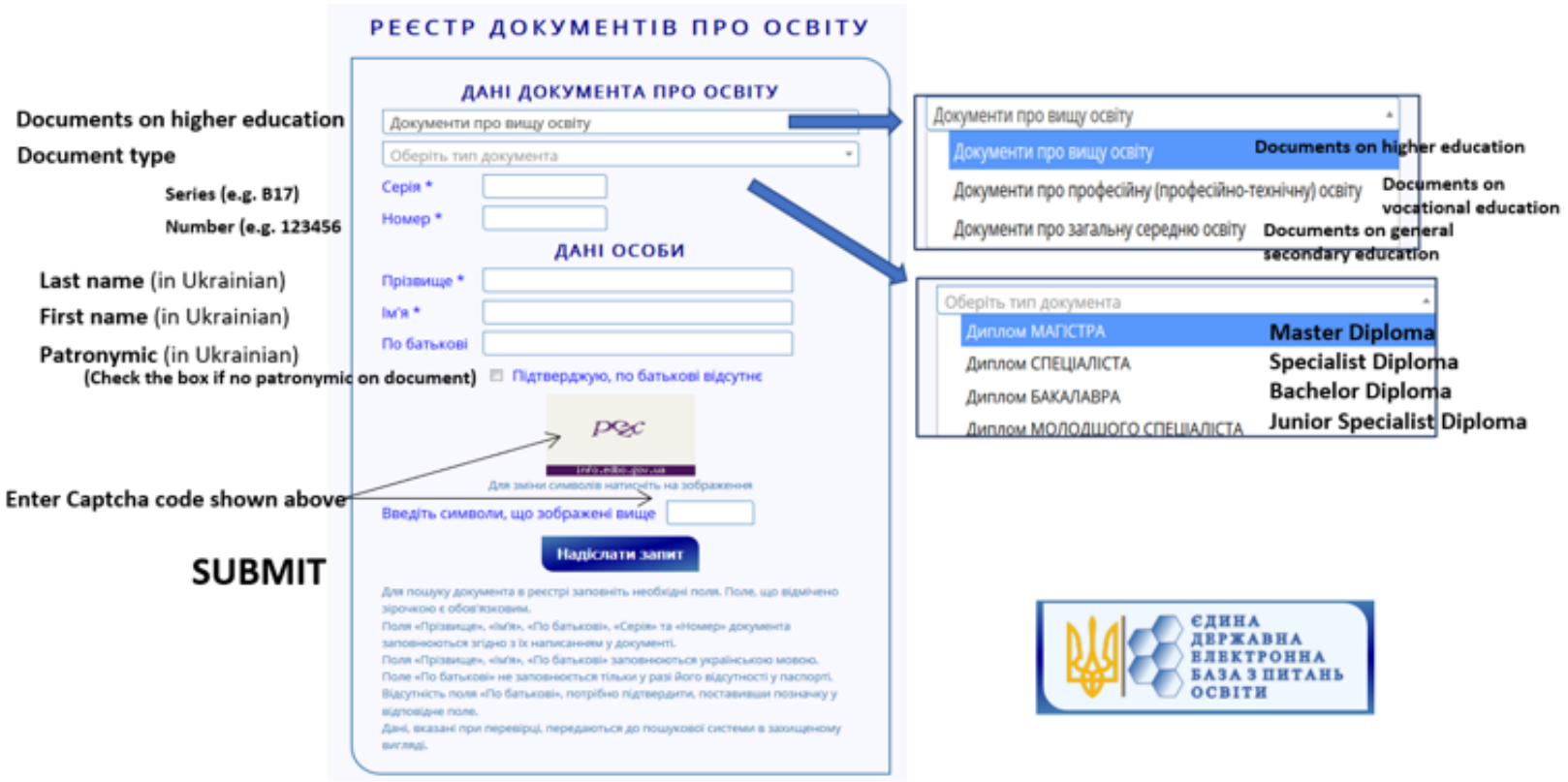
Submission of data by applicants (2 minutes):

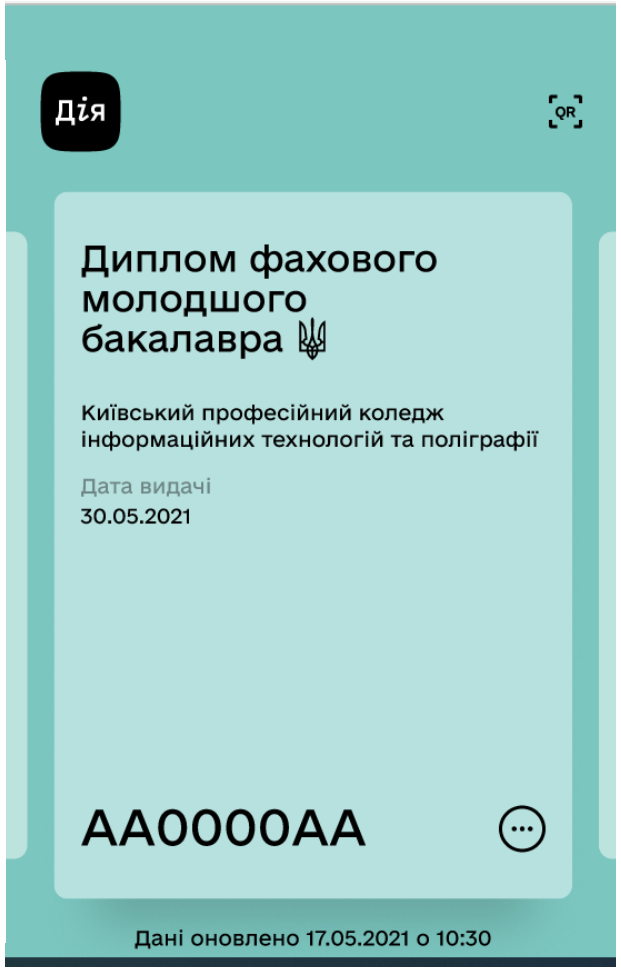
1. Log in to Diia
2. Select ‘Add document’
3. Confirm search for documents available using 3 identifies - full name, date of birth, and tax number – that are automatically pre-filled for you
4. Documents found with the above identifiers are downloaded to the Diia’s folder ‘Documents’
5. Information on educational documents can be retrieved from Diia within 2 months, after which it can still be requested unlimited number of times, if needed (steps 1-4)

Data flow Diia-EDEBO: brief look into throughput …



… and output


РЕЄСТР ДОКУМЕНТІВ ПРО ОСВІТУ
ДАНІ ДОКУМЕНТА ПРО ОСВІТУ
Документи про вищу освіту
Оберіть тип документа
Серія *
Номер *
ДАНІ ОСОБИ
Прізвище *
Ім'я *
По батькові
Підтверджую, по батькові відсутнє
Введіть символи, що зображені вище
Надіслати запит
Documents on higher education
Document type
Series (e.g. B17)
Number (e.g. 123456
Last name (in Ukrainian)
First name (in Ukrainian)
Patronymic (in Ukrainian)
(Check the box if no patronymic on document)
Enter Captcha code shown above
SUBMIT
Документи про вищу освіту
Документи про професійну (професійно-технічну) освіту
Документи про загальну середню освіту
Documents on higher education
Documents on vocational education
Documents on general secondary education
Оберіть тип документа
Диплом МАГІСТРА
Диплом СПЕЦІАЛІСТА
Диплом БАКАЛАВРА
Диплом МОЛОДШОГО СПЕЦІАЛІСТА
Master Diploma
Specialist Diploma
Bachelor Diploma
Junior Specialist Diploma
ЄДИНА ДЕРЖАВНА ЕЛЕКТРОННА БАЗА З ПИТАНЬ ОСВІТИ


Дія
Диплом фахового молодшого бакалавра
Київський професійний коледж інформаційних технологій та поліграфії
Дата видачі
30.05.2021
AA0000AA
Дані оновлено 17.05.2021 о 10:30

Inter-agency cooperation

- ✓ Partner commitment (spring 2022): e-Governance Academy support to develop e-services on educational documents in Ukraine
- ✓ Identification phase (spring-summer 2022): concept and technical consultations among MoES, MinDigital, Inforesurs, Diia, eGA – clarity on needs and limitations of the digital solutions (i.e., underaged personal data, authentication, corrupted and incomplete data)
- ✓ Legal enactment (autumn 2022): by-law on digital educational documents supported by the Government
- ✓ Data collation (winter 2023): cross-check between EDEBO (educational documents) and State Tax Service (tax data) to populate EDEBO with more/clean data on tax number as the user identifier
- ✓ Software development (summer-autumn 2023): in progress

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

bologna process

EUROPEAN Higher Education Area

Thank you!

Kateryna Suprun
Ukraine National Representative to Bologna Process
katerynasuprun@gmail.com
+38 (068) 574-89-48

Co-funded by the European Union

This PLA is organised within the framework of the EU co-funded project TPG-LRC CoRE