UHURA

AN AI PLATFORM FOR AUTOMATING
DOCUMENT-DRIVEN PROCESSES

COMPANY INFORMATION

Uhura Solutions is an **AI technology** startup that developed **an AI platform for automating document-driven processes.**

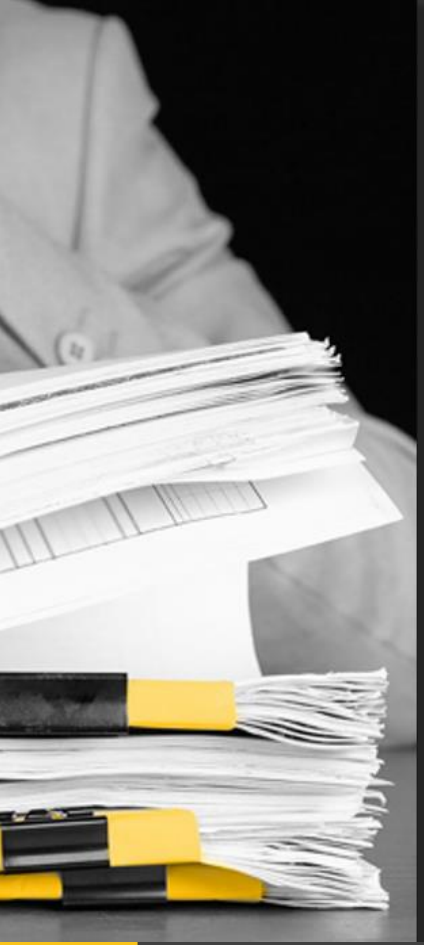
The platform allows businesses to access sophisticated AI through the automation of complex processes that include **data extraction and classification, document review, and intelligent analysis**.

The company leverages cutting-edge technologies such as **Large Language Models** (LLMs) enhanced by domain-specific datasets and reinforcement learning, **process automation workflows**, and a **low-code framework**.

The platform is currently in production with a **growing base of paying customers** from the financial sector, which demonstrates its real-world applicability and value, with an **exceptional net revenue retention** rate. By implementing the platform, clients have managed to significantly **cut operating costs** for processes that were once carried out by full-time staff.

The company is backed by prominent investors: **Barclays, Techstars, SuperSeed Ventures, South Central Ventures and Newable Ventures**.

UHURA



CUSTOMER NEEDS

For companies dealing with **business reports, complex documents, contracts, and agreements**, the greatest challenge lies in the manual processing of these documents.

This traditional approach is **labor-intensive, error-prone, and costly**, resulting in operational inefficiencies and increased expenditures.

This **time-consuming** process not only hampers productivity but also limits the organization's ability to **extract valuable insights** from its data, ultimately impacting **decision-making** and responsiveness to market changes.

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SOLUTION

Uhura is an AI platform that **reads and understands** business reports, complex documents, contracts, and agreements, just as humans do.

We help businesses **automate document-driven processes** and expedite the review and decision-making procedures.

We have developed a pioneering **AI Platform** tailored for **the finance service industry** that combines the capabilities of **fine-tuned Large Language Models (LLM), process automation workflows,** and **low-code development.**

By automating document-driven processes, the platform promises to revolutionize **operational efficiency, reduce costs**, and **enhance customer experience**.

Our clients have reported a **95% faster processing time** with an **accuracy score of 97%,** resulting in **over an 85% reduction** in operating costs when a business process formerly performed by a person is replaced or augmented by our platform.

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KEY BENEFITS

OPTIMISE COSTS AND SAVE TIME

OVER 95% FASTER PROCESSING TIME
OVER 97% ACCURACY SCORE
OVER 85% OPEX REDUCTION

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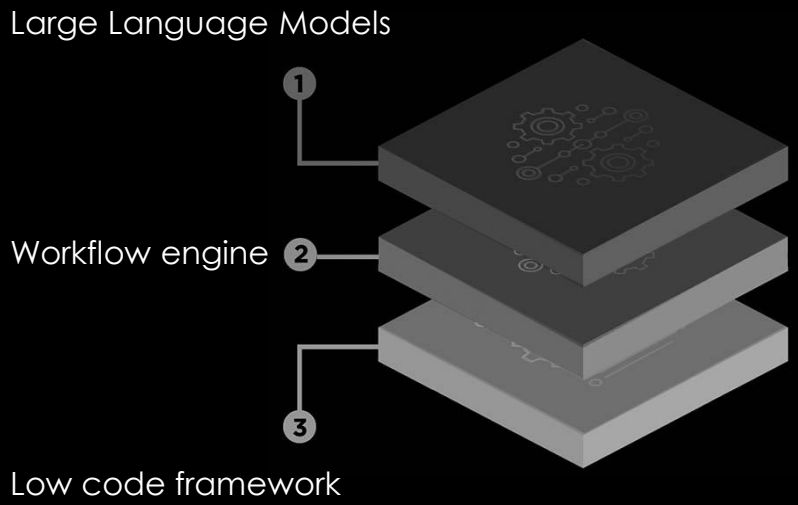
TECHNOLOGY



Large Language Models (LLMs), augmented with domain-specific datasets through reinforcement learning, become exceptionally adept at comprehending relevant content tailored to the specific subject matter.

Process automation workflow integrated into the **Workflow engine** allows users to utilize building blocks to generate decision logic that emulates internal business processes.

A user-friendly **Low-code framework** enables users to create AI-driven models with minimal coding effort.

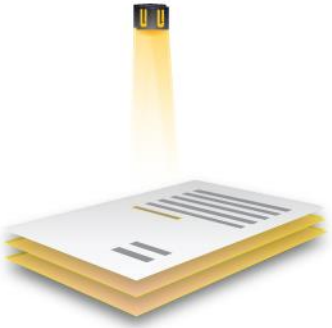
FEATURES

DATA EXTRACTION AND CLASSIFICATION

Automatically extract data and classify digital and scanned documents in record time with a high degree of accuracy.

DOCUMENT REVIEW

By emulating the way humans analyze documents, the platform quickly and accurately analyses large volumes of data with minimal effort, mirroring the established workflow within the business.

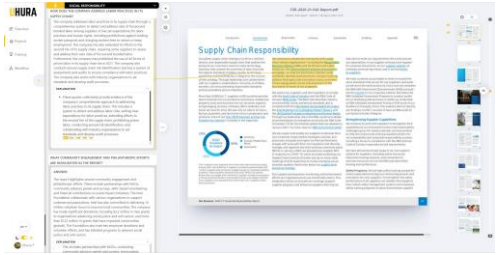


INTELLIGENT ANALYSIS

Derive meaningful insights and support the decision-making process, taking into account the context in which data is generated.

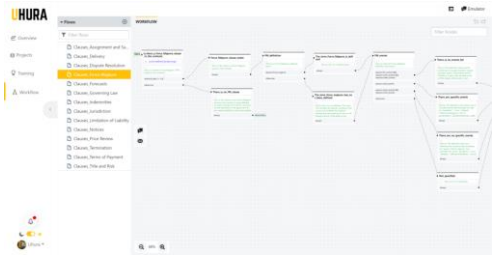
MODULES

AI COPILOT BUILDER



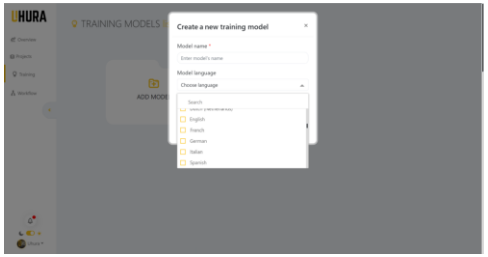
AI Copilot Builder harnesses the extraordinary capabilities of generative AI to automate document processing and uncover invaluable insights from documents, reports, contracts, and agreements. AI Copilot Builder seamlessly integrates a client's business data with advanced generative AI, delivering instant document-driven insights and actionable outputs.

WORKFLOW BUILDER



Workflow Builder allows users to utilize building blocks to generate decision logic that emulates internal business processes. The interface enables business users to define inputs and outputs and perform necessary operations. It offers the flexibility and customization many businesses are seeking, making the platform completely 'tailorable' for individual clients.

ML BUILDER

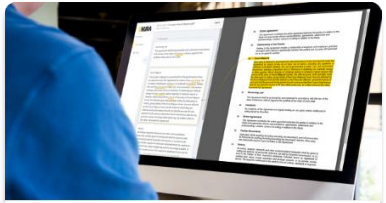


ML Builder empowers users to create, modify, and train machine-learning models with minimal hand-coding and traditional programming efforts. The platform is designed to provide rapid development, easy integration, and cost-effective deployment of ML models. With our platform, businesses can easily create solutions tailored to their specific needs and deploy them across multiple platforms at scale.

IMPLEMENTATION EXAMPLES

Compliance Requests

The system extracts critical data, classifies documents, offers decision support, and streamlines workflows for compliance-related processes. It ensures compliance with regulations, provides valuable analytics for process optimization, and seamlessly integrates with management systems.



Loan Applications

The system analyses data from loan documents and categorizes and organizes these documents, simplifying the process of document management. Additionally, it performs content reviews to identify discrepancies or missing information, ensuring compliance and reducing the risk of fraudulent loan applications.

ESG Reports

The system offers a comprehensive solution for ESG report analysis, adeptly sifting through these reports to extract essential data on a company's environmental, social, and governance practices. It provides responses that mirror human expertise, ensuring precise and detailed answers to queries regarding ESG reports.

What clients say

Previously, the process involved a team of four individuals, whereas now, it requires just one person to dedicate 20% of their time, resulting in a 95% reduction in costs. This shift allows for spending time analyzing the data rather than processing it.

What market reports say

Uhura Solutions has been recognized as a major player in the latest reports on the contract intelligence market, titled 'Contract Intelligence Market Insights 2023: Actual Market Figures, Changing Aspects, Applications, and Estimated Market Size to 2029'.

Market Report World

DATA EXTRACTION AND CONTENT CLASSIFICATION

Our solution **automatically extracts** all the necessary fields with the values and puts them in a table or a JSON format for users to access and build upon easily.

The solution offers a possibility for human validation and correction, where a user can inspect the fields and review the data with low confidence scores. A unique combination of image processing and machine learning techniques in our preprocessing engine results in high accuracy rates between **95% and 99%.**

Data extraction from documents like **PDFs** and **scanned documents** is a powerful tool for businesses looking to optimize their processes. From customer information to financial records, data extraction can be used to capture any type of data in a matter of seconds. With the ability to automate and streamline document processing, data extraction makes it easier than ever for businesses to get the most out of their documents.

The platform also makes it easier to monitor and analyze the captured data. Advanced analytics allow businesses to gain insights into their data, which can be used to increase efficiency and improve customer experience.

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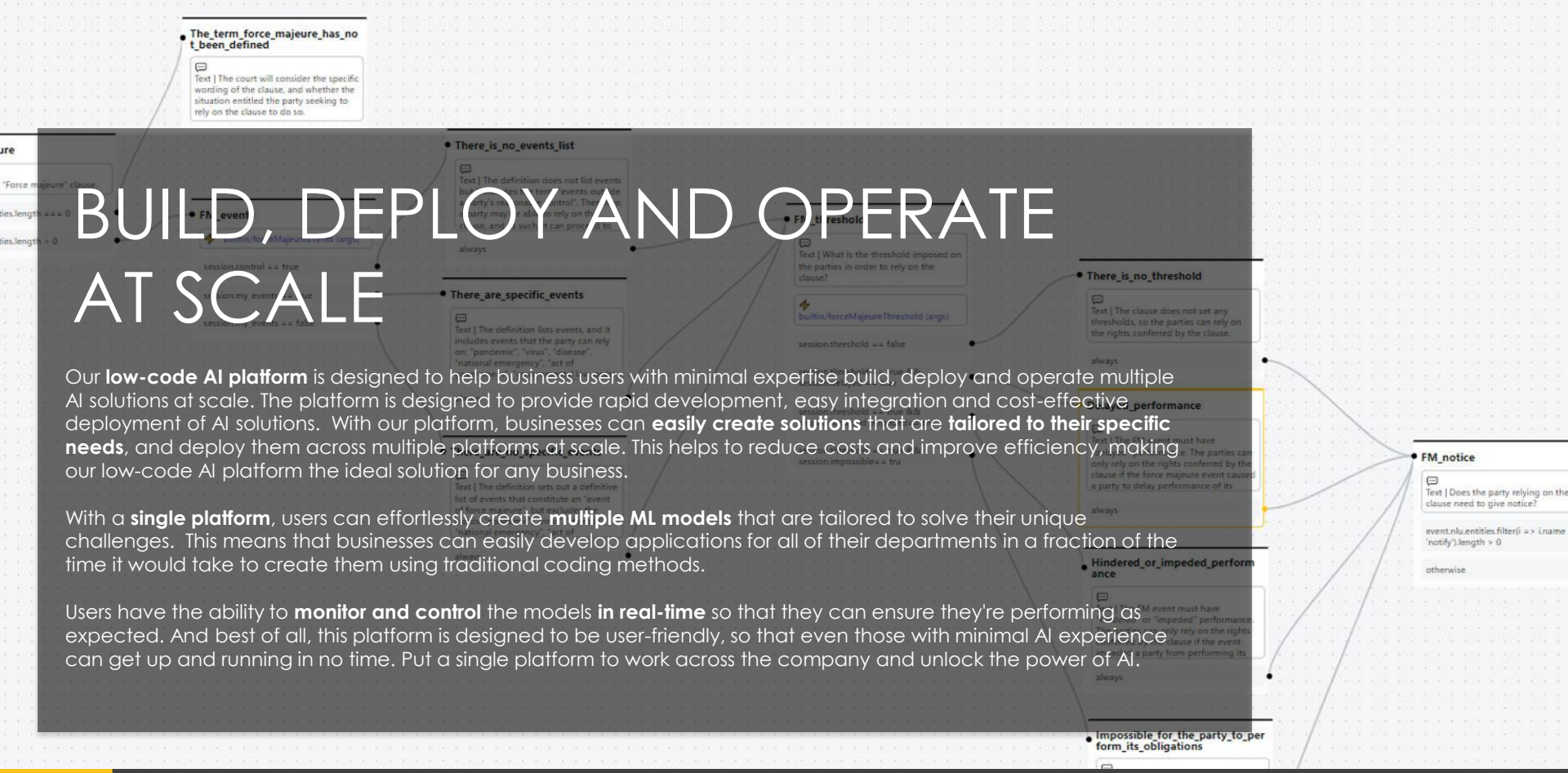
ACCURATE DOCUMENT ANALYSIS

The platform lets companies **review documents** more rapidly, handle vast amounts of data more easily, and manage more effectively by building. It quickly sorts through a large volume of data and analyse documents based on defined criteria.

By emulating the way humans analyse documents, **automated workflows** enable users to swiftly and precisely analyse extensive volumes of data with minimal effort. Creating complex, automated workflows has never been easier. With just a few clicks, users can build simple, configurable workflows in minutes. The workflow builder is **intuitive and user-friendly**, making it easy to configure the specific requirements of each workflow. With this powerful workflow builder, users can create complex and reliable workflows that can be configured to fit their exact needs.

Users can set up **custom rules and conditions** to ensure that analyses are completed in the proper order and with the right level of accuracy. By creating a series of automated steps, companies can ensure that their processes are carried out according to their predetermined standards.



BUILD, DEPLOY AND OPERATE AT SCALE

Our **low-code AI platform** is designed to help business users with minimal expertise build, deploy and operate multiple AI solutions at scale. The platform is designed to provide rapid development, easy integration and cost-effective deployment of AI solutions. With our platform, businesses can **easily create solutions** that are **tailored to their specific needs**, and deploy them across multiple platforms at scale. This helps to reduce costs and improve efficiency, making our low-code AI platform the ideal solution for any business.

With a **single platform**, users can effortlessly create **multiple ML models** that are tailored to solve their unique challenges. This means that businesses can easily develop applications for all of their departments in a fraction of the time it would take to create them using traditional coding methods.

Users have the ability to **monitor and control** the models **in real-time** so that they can ensure they're performing as expected. And best of all, this platform is designed to be user-friendly, so that even those with minimal AI experience can get up and running in no time. Put a single platform to work across the company and unlock the power of AI.

SERVICE DEPLOYMENT MODELS

SAAS

Services are made available through infrastructure which is owned or controlled by Uhura

HOSTED

Services are made available through an organization's own internal infrastructure

PARTNERSHIPS AND CLIENTS

USE CASES IN SEE

Debt collection and orders

Uhura has implemented automation of debt collection orders that banks receive from regulators.

Key data analyzed include:

- Debt collector's name
- Execution number
- Debtor's full name
- Debt and costs
- Debtor's account
- Interest date
- Interest amount
- Debtor's personal identification number (JMBG)
- Debt collection before or after 01.01.2020

Documents are first classified, data is extracted, and then the document along with the data is prepared for further processing in the client's information system.

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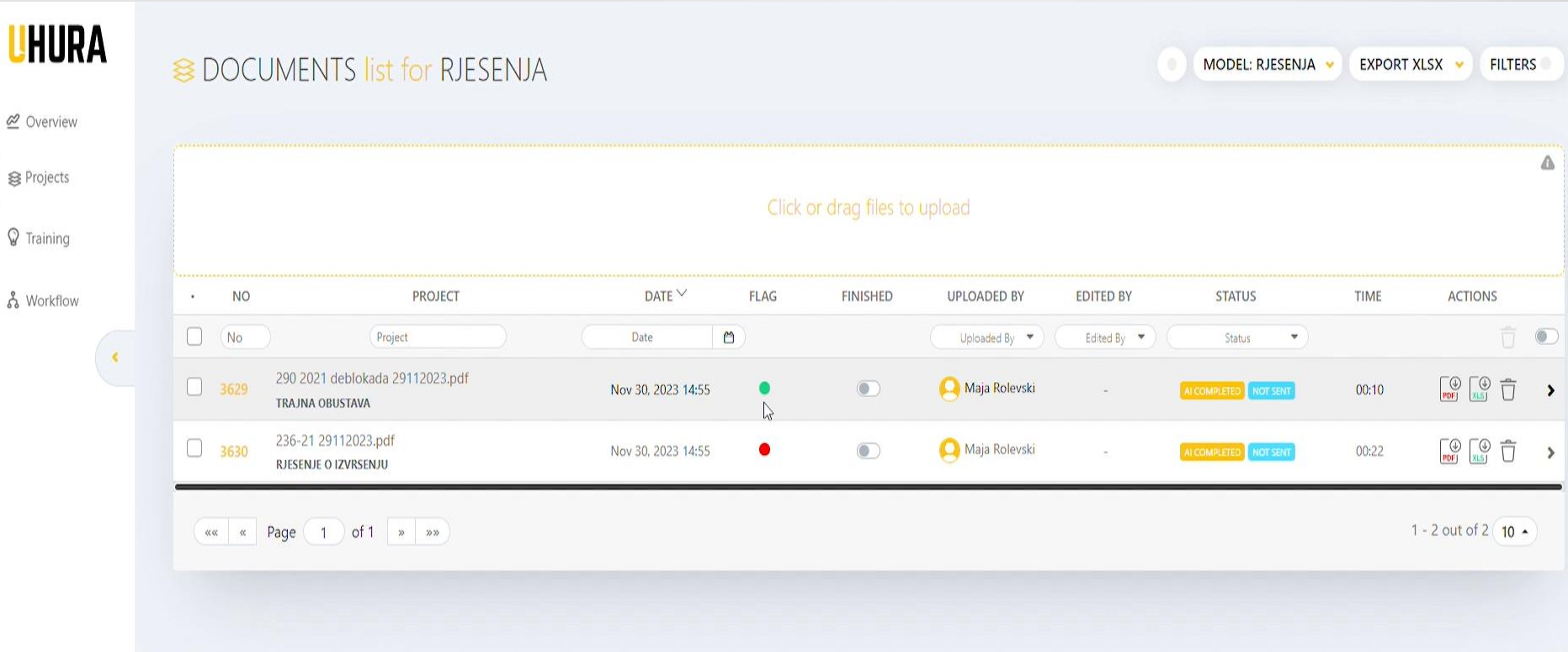
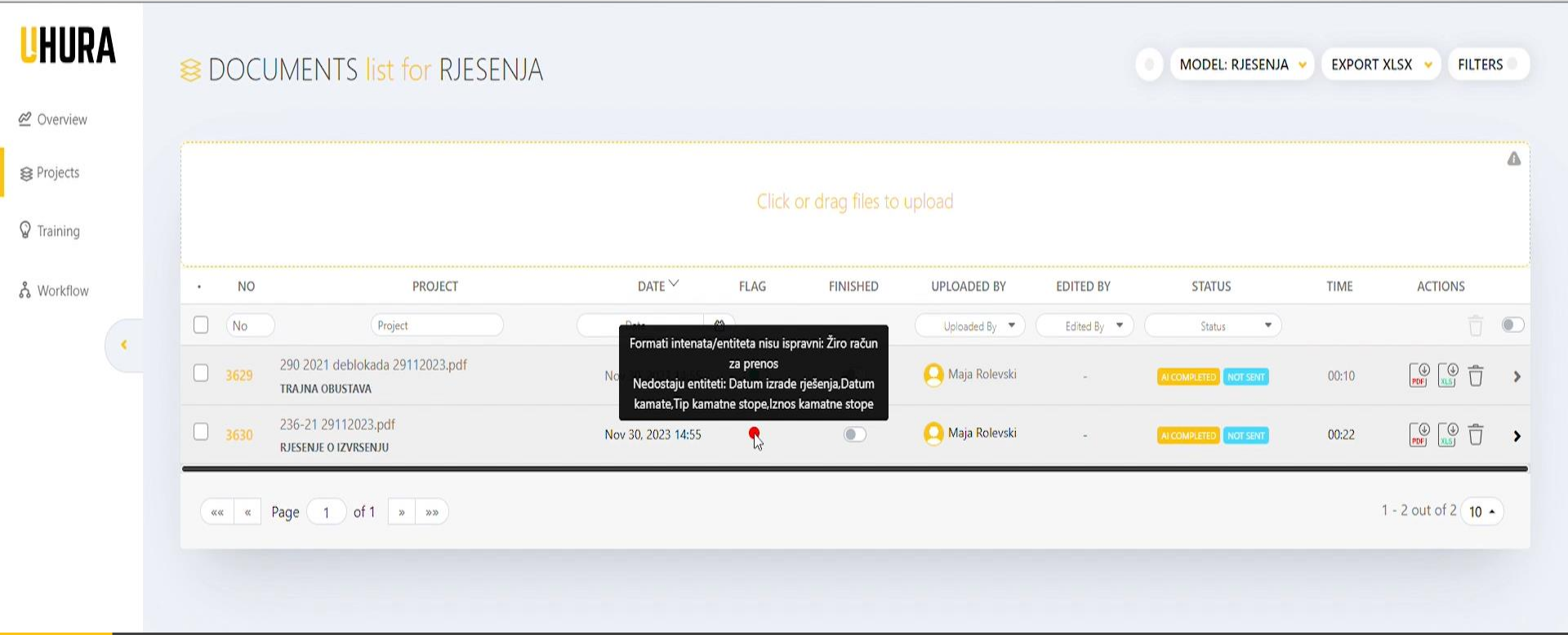
DEBT COLLECTION AND ORDERS



DEBT COLLECTION AND ORDERS



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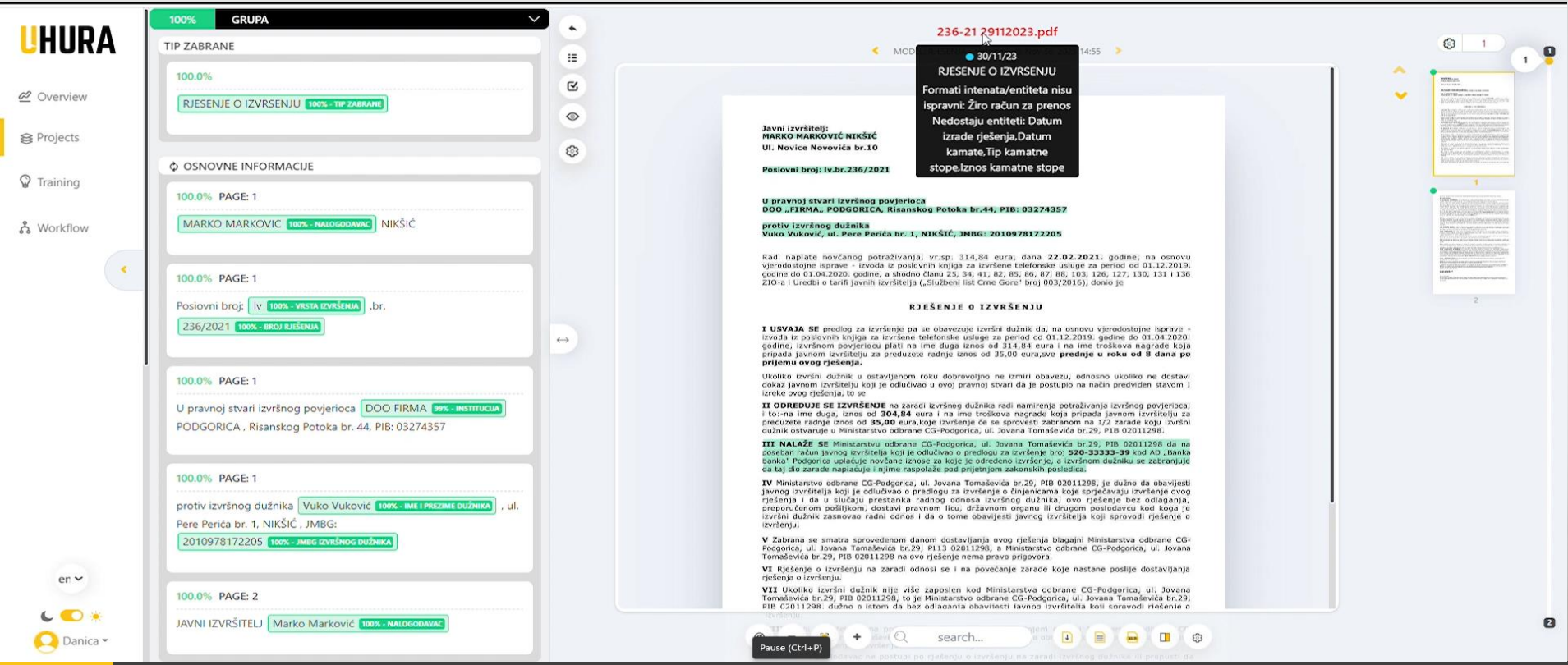
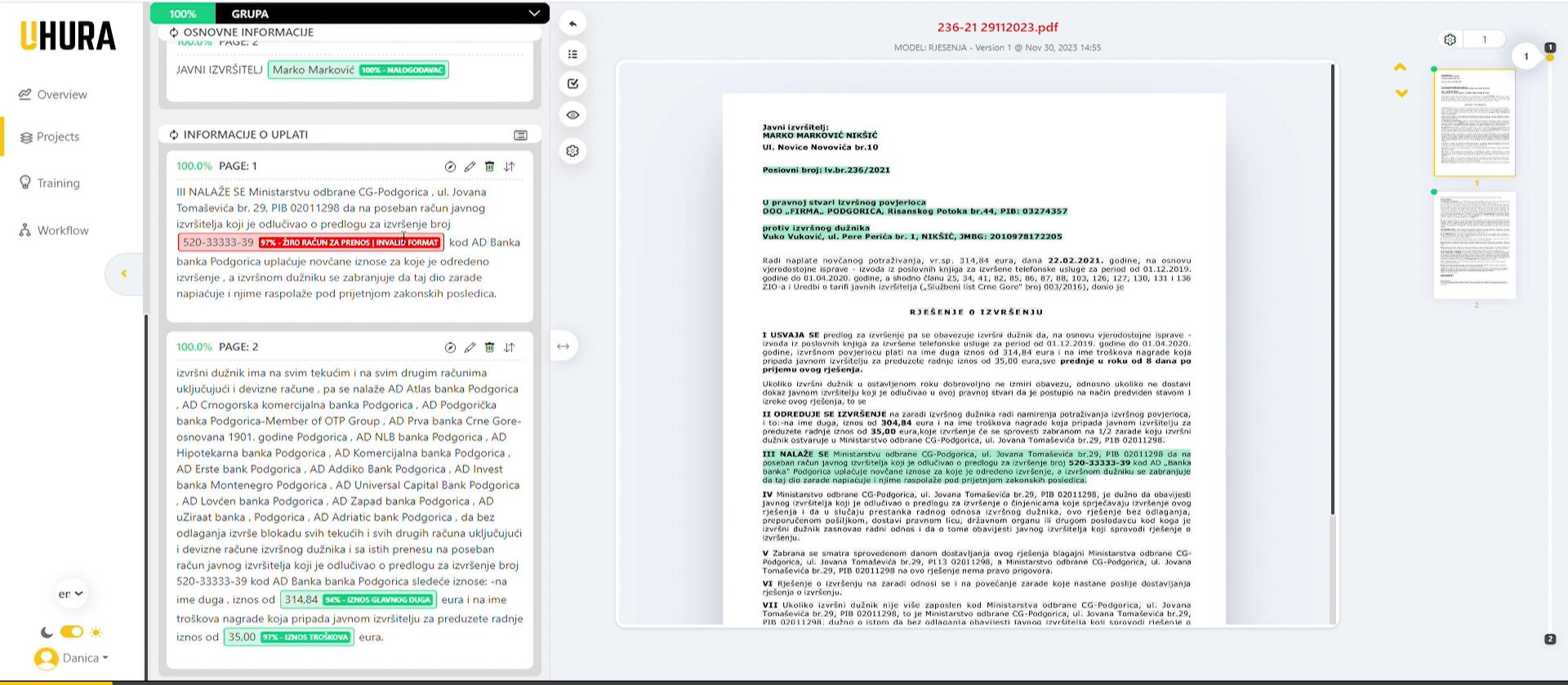


DEBT COLLECTION AND ORDERS



Loan document processing

Uhura processes and analyzes documents generated during the loan sales process for clients.

The process includes document management, data extraction, comparison, and decision-making based on the extracted data.

Documents processed can include* :

- ID card/passport
- Promissory note
- Promissory note authorization
- Loan Agreement
- Loan offer
- Employment certificate
- Administrative garnishment
- Employer statement
- Employee statement

Based on the analysis, business decisions can be proposed upon client request.

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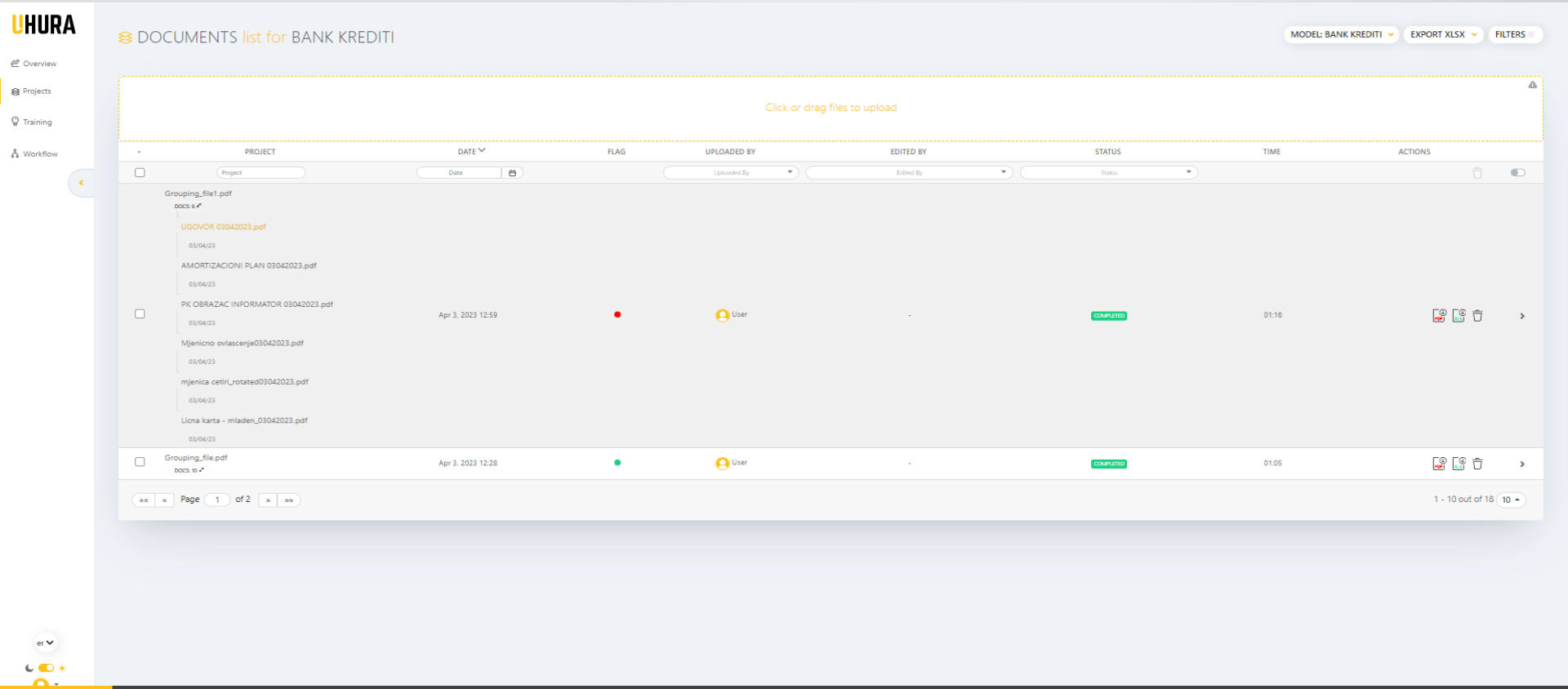
LOAN PROCESSING



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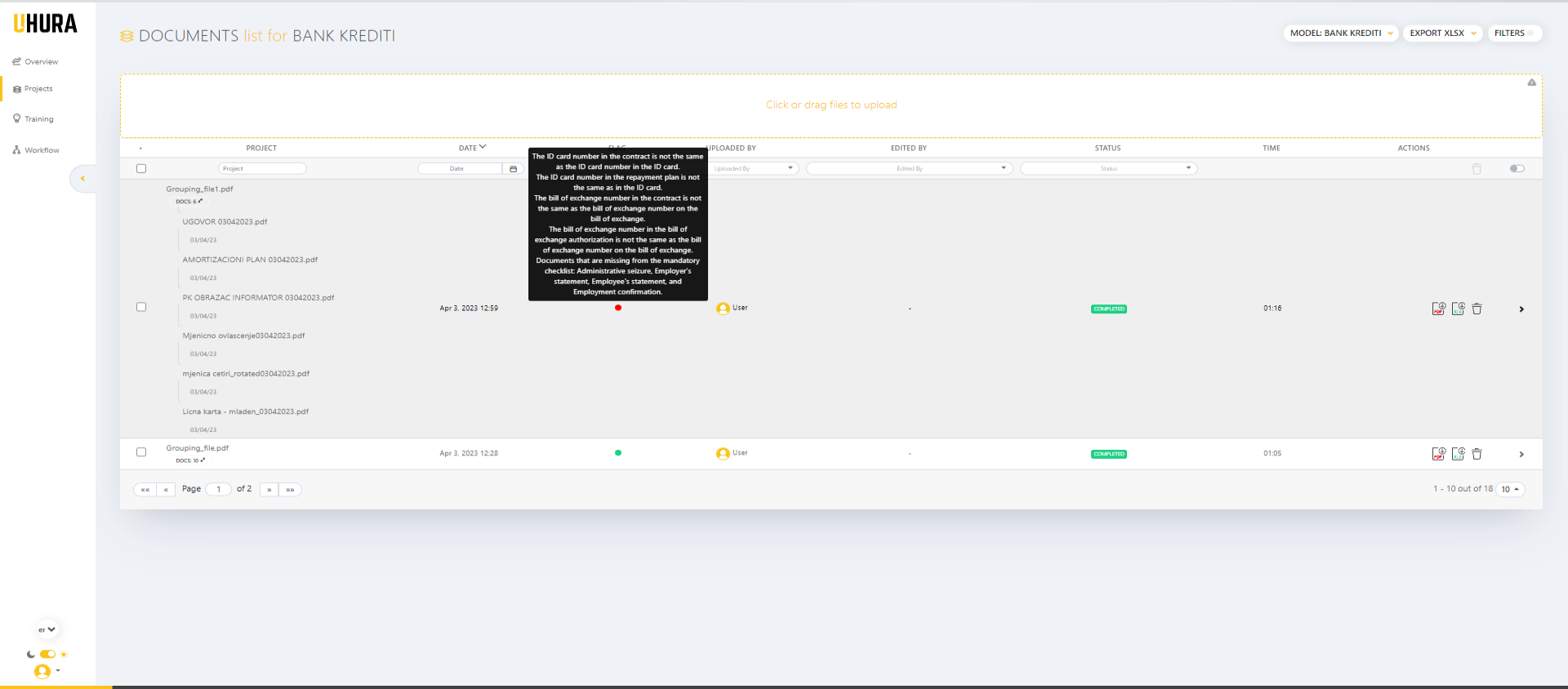
LOAN PROCESSING



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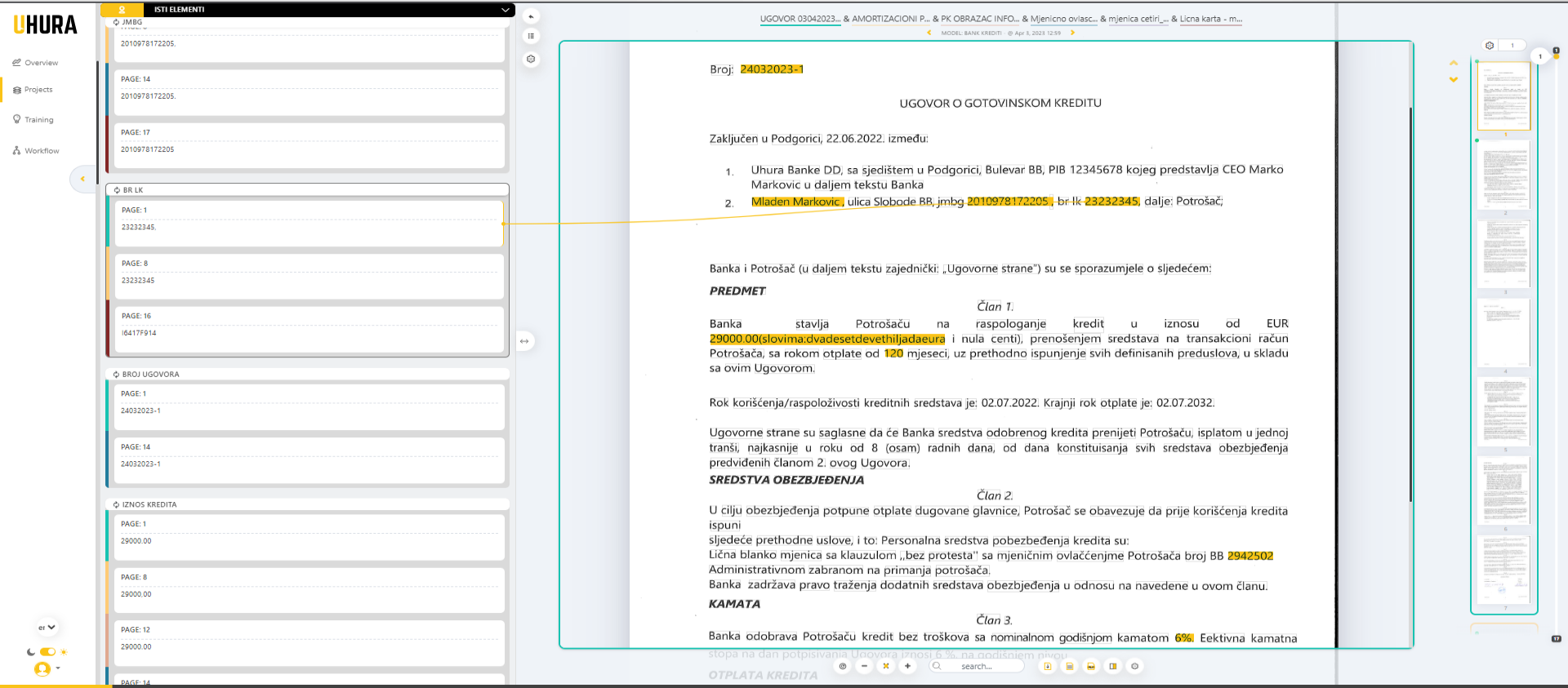
LOAN PROCESSING



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Balance sheet analysis

Uhura processes and analyzes documents necessary for analyzing the financial status of bank clients.

These documents are processed:

- Before approving a loan to the client
- After approving a loan during the monitoring of the client's financial status

The income statement is analyzed, accounts are detected, and values are extracted from them. After the data is extracted, it is possible according to the client's request to perform additional analysis.

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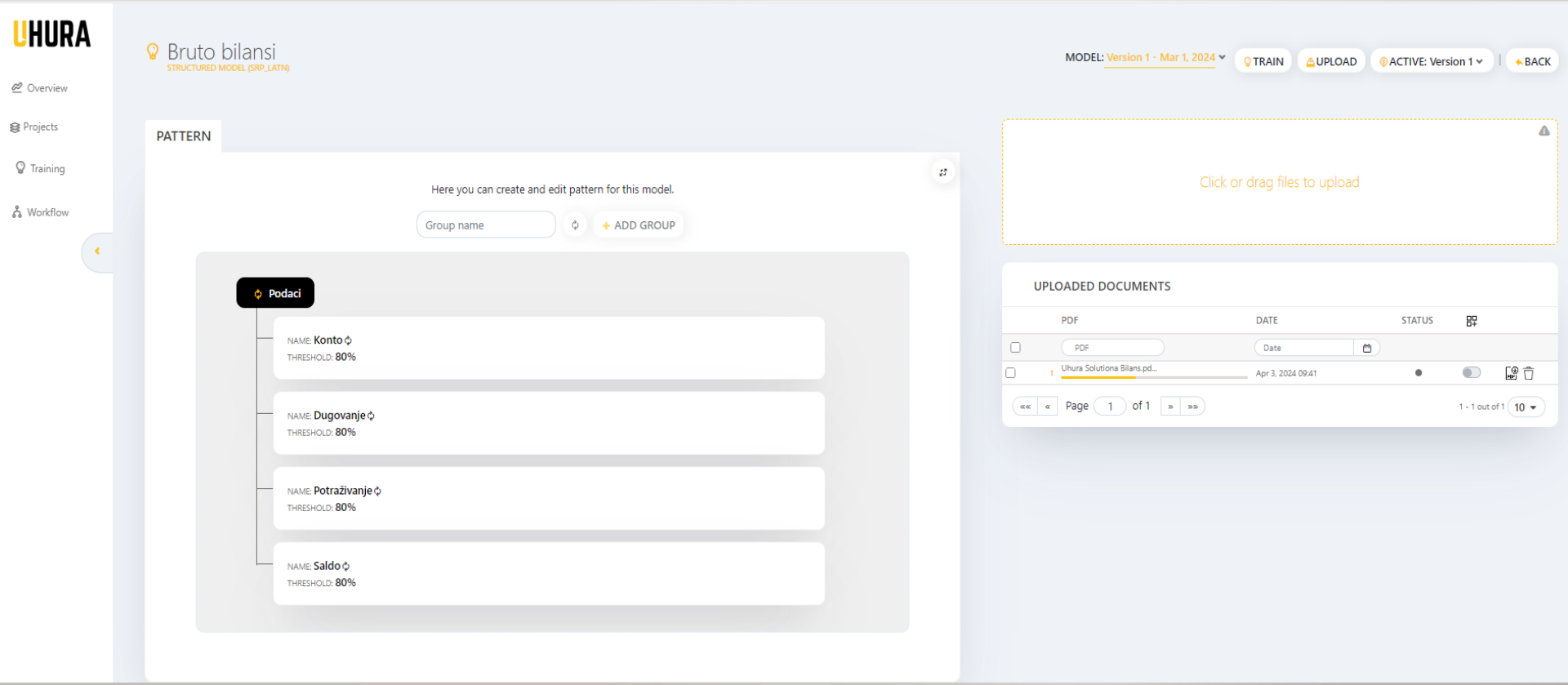
BALANCE SHEET



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BALANCE SHEET

UHURA

- Overview
- Projects
- Training
- Workflow

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PODACI

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2	009		295.627,97	-295.627,97
3	020	229.850.089,21	42.868.395,88	186.981.693,33
4	021	23.774.557,35	131.028.238,53	-107.253.681,18
5	022	91.138.467,57		91.138.467,57
6	033		2.275.991,11	-2.275.991,11
7	150	352,74		352,74
8	151	1.216.665,86		1.216.665,86
9	199	14.681.719,66	7.439.803,55	7.241.916,11
10	201	959.936.623,46	748.124.746,40	211.811.877,06
11	202	46.353.055,30	41.680.011,53	4.673.043,77
12	218			
13	218	200.000,00		200.000,00
14	219	440.406,78	195.710.86	244.695,92
15	220	1.408.704,00		1.408.704,00
16	222	363.100,56	363.100,56	
17	225	43.625,19		43.625,19
18	228	32.577.420,66		32.577.420,66
19	229	17.450.500,00		17.450.500,00
20	235	13.264.136,18	13.264.136,18	
21	238	266.337.549,07	264.878.391,78	1.459.157,29
22	238	4.464,62		4.464,62
23	238	140.508.276,42	140.466.375,44	41.900,98
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28	240	30.967.403,00	30.967.403,00	

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UHURA SOLUTIONS
800 Hill House, 17 Highgate Hill, London N19 5FG
PIB:123456789 MB:12345678

BRUTO BILANS - KLASE - GRUPE | Org. jedinica
Od datuma: 01.03.2024 | Dokumanta:
Do datuma: 31.03.2024 | Nalozi

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009	NEMATERIJALNA IMOVINA		295.627,97	-295.627,97
020	Oprema	229.850.089,21	42.868.395,88	186.981.693,33
021	Ispravka vrednosti opreme	23.774.557,35	131.028.238,53	-107.253.681,18
022	OPREMA - LEASING	91.138.467,57		91.138.467,57
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151	0 UPISANI A NEUPLACENI KAPITAL I STALNA IMOVINA	1.216.665,86		1.216.665,86
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201	Placeni avansi za usluge u zemlji	959.936.623,46	748.124.746,40	211.811.877,06
202	PLACENI AVANSI ZA ZALIHE I USLUGE	46.353.055,30	41.680.011,53	4.673.043,77
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219	Potraživanja od kupaca preduzeca u zemlji	440.406,78	195.710.86	244.695,92
220	Potraživanja od kupaca u inostranstvu za izvoz sopstvenih proizvoda	1.408.704,00		1.408.704,00
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228	Ostala potraživanja od zaposlenih	32.577.420,66		32.577.420,66
229	2220 Potraživanja Stranci	17.450.500,00		17.450.500,00
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238	DRUGA POTRAŽIVANJA	140.508.276,42	140.466.375,44	41.900,98
	Kratkorocni krediti i zajmovi ostalim			

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KYC

Uhura processes and analyzes documents necessary for KYC (Know Your Customer) procedures on behalf of clients.

These documents include*:

- Regulatory registration certificates
- CRPS (Central Registry of Business Entities) documentation
- VAT (Value Added Tax) certificates
- ID documents of ultimate owners and authorized persons
- Internal client-generated documents required for account opening and management
- PEP (Politically Exposed Person) forms
- Account opening agreements

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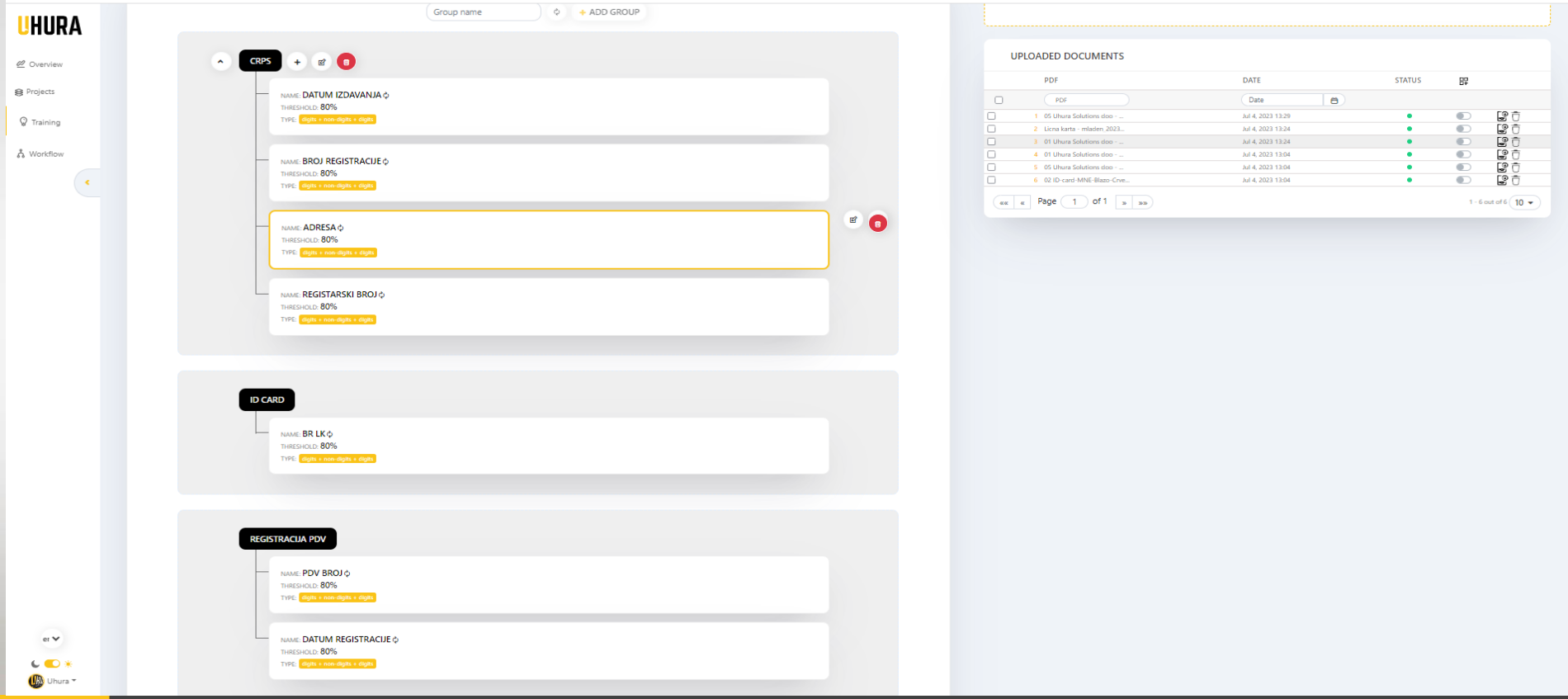
KYC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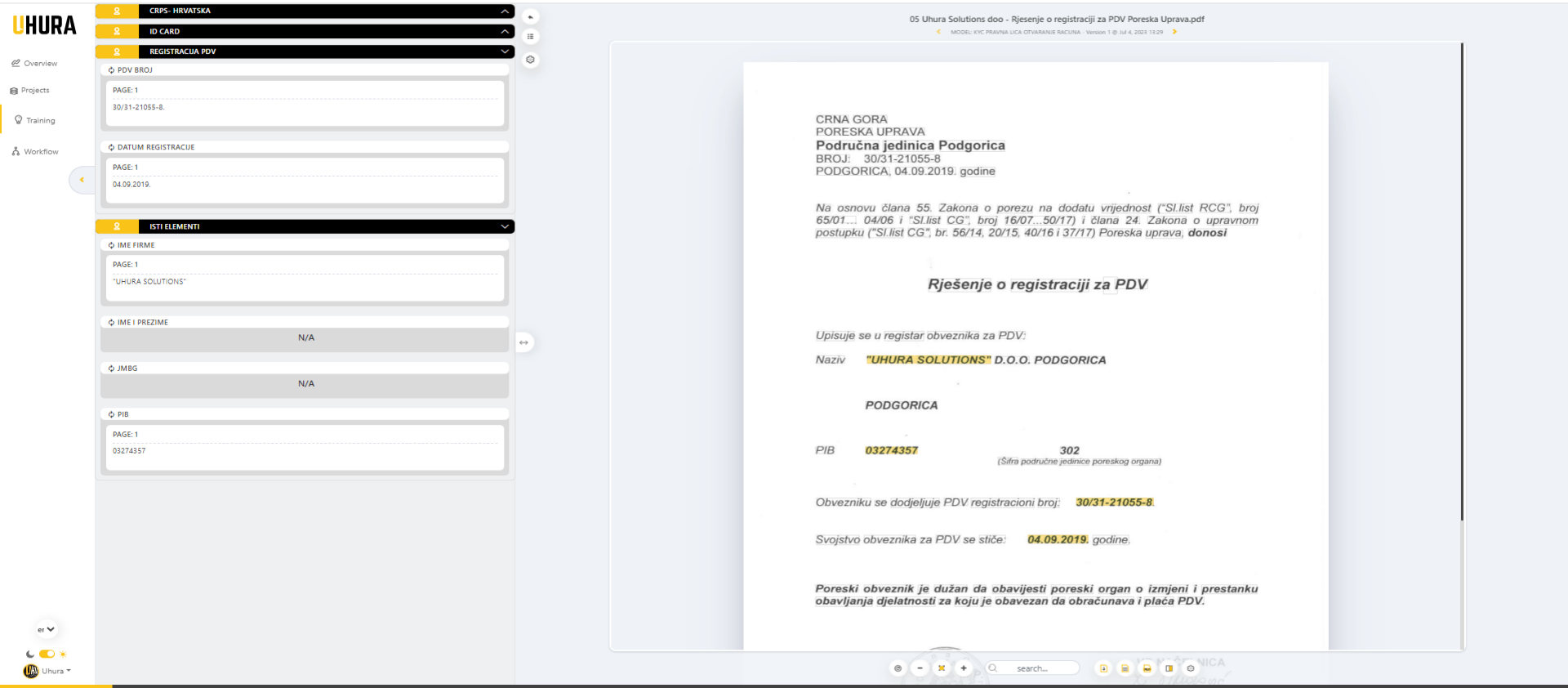
KYC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PORESKA UPRAVA
Područna jedinica Podgorica
BROJ: 30/31-21055-8
PODGORICA, 04.09.2019. godine
Na osnovu člana 55. Zakona o porezu na dodatu vrijednost ("Sl.list RCG", broj 65/01... 04/06 i "Sl.list CG", broj 16/07...50/17) i člana 24. Zakona o upravnom postupku ("Sl.list CG", br. 56/14, 20/15, 40/16 i 37/17) Poreska uprava, donosi
Rješenje o registraciji za PDV
Upisuje se u registar obveznika za PDV:
Naziv "UHURA SOLUTIONS" D.O.O. PODGORICA
PODGORICA
PIB 03274357 302
(Šifra područne jedinice poreskog organa)
Obvezniku se dodjeljuje PDV registracioni broj: 30/31-21055-8.
Svojstvo obveznika za PDV se stiče: 04.09.2019. godine.
Poreski obveznik je dužan da obavijesti poreski organ o izmjeni i prestanku obavljanja djelatnosti za koju je obavezan da obračunava i plaća PDV.
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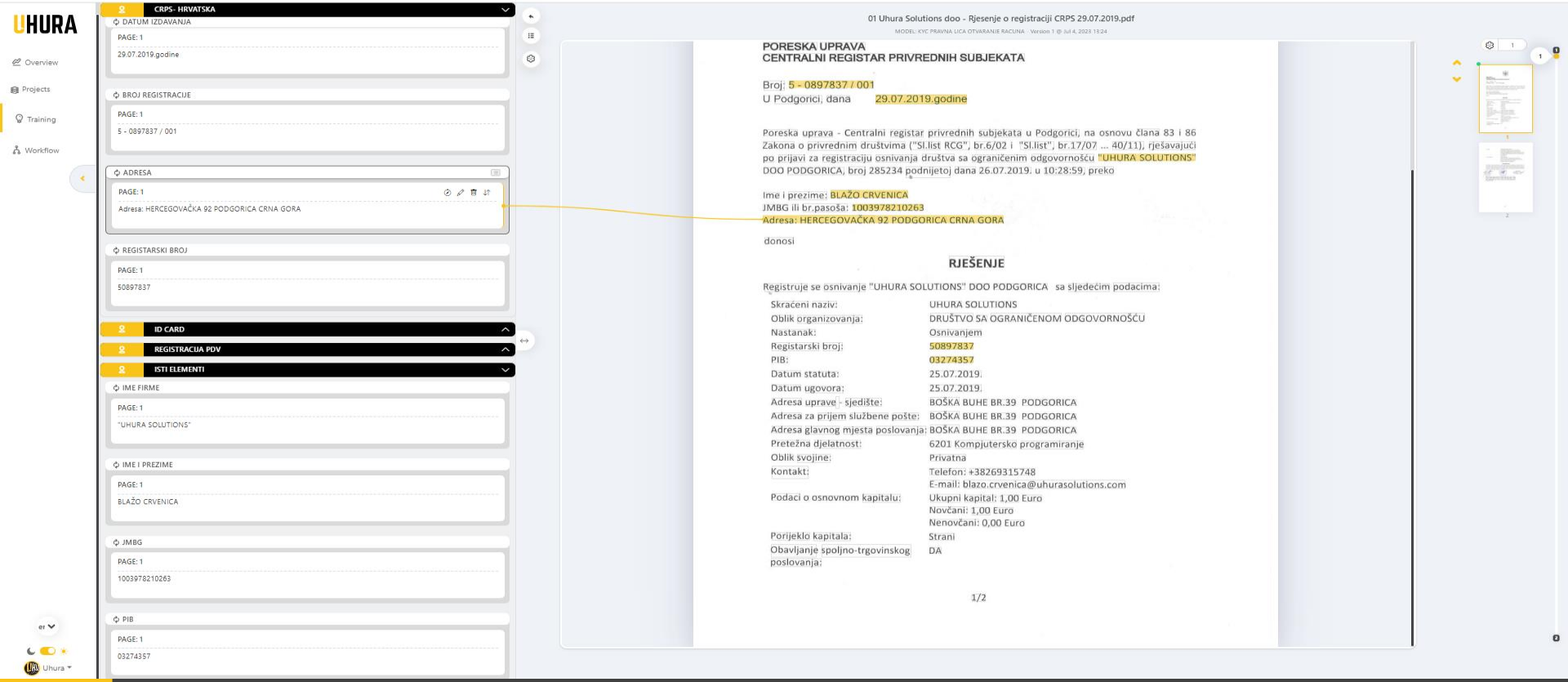
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BLAŽO CRVENICA
JMBG
PAGE: 1
1003978210263
PIB
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Uhura
01 Uhura Solutions doo - Rjesenje o registraciji CRPS 29.07.2019.pdf
MODEL: KYC PRAVNA LICA OTVARANJE RACUNA · Version 1 @ Jul 4, 2023 13:24
PORESKA UPRAVA
CENTRALNI REGISTAR PRIVREDNIH SUBJEKATA
Broj: 5 - 0897837 / 001
U Podgorici, dana 29.07.2019.godine
Poreska uprava - Centralni registar privrednih subjekata u Podgorici, na osnovu člana 83 i 86 Zakona o privrednim društvima ("Sl.list RCG", br.6/02 i "Sl.list", br.17/07 ... 40/11), rješavajući po prijavi za registraciju osnivanja društva sa ograničenim odgovornošću "UHURA SOLUTIONS" DOO PODGORICA, broj 285234 podnijetoj dana 26.07.2019. u 10:28:59, preko
Ime i prezime: BLAŽO CRVENICA
JMBG ili br.pasoša: 1003978210263
Adresa: HERCEGOVAČKA 92 PODGORICA CRNA GORA
donosi
RJEŠENJE
Registruje se osnivanje "UHURA SOLUTIONS" DOO PODGORICA sa sljedećim podacima:
Skraćeni naziv: UHURA SOLUTIONS
Oblik organizovanja: DRUŠTVO SA OGRANIČENOM ODGOVORNOŠĆU
Nastanak: Osnivanjem
Registarski broj: 50897837
PIB: 03274357
Datum statuta: 25.07.2019.
Datum ugovora: 25.07.2019.
Adresa uprave - sjedište: BOŠKA BUHE BR.39 PODGORICA
Adresa za prijem službene pošte: BOŠKA BUHE BR.39 PODGORICA
Adresa glavnog mjesta poslovanja: BOŠKA BUHE BR.39 PODGORICA
Pretežna djelatnost: 6201 Kompjutersko programiranje
Oblik svojine: Privatna
Kontakt: Telefon: +38269315748
E-mail: blazo.crvenica@uhurasolutions.com
Podaci o osnovnom kapitalu: Ukupni kapital: 1,00 Euro
Novčani: 1,00 Euro
Nenovčani: 0,00 Euro
Porijeklo kapitala: Strani
Obavljanje spoljno-trgovinskog poslovanja: DA
1/2

UHURA

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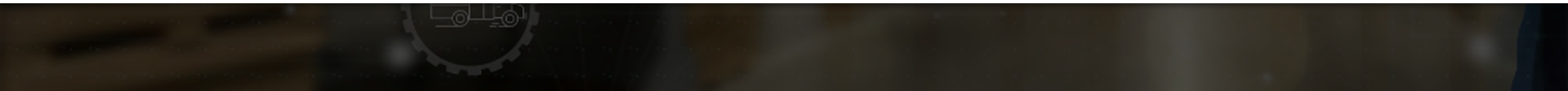
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