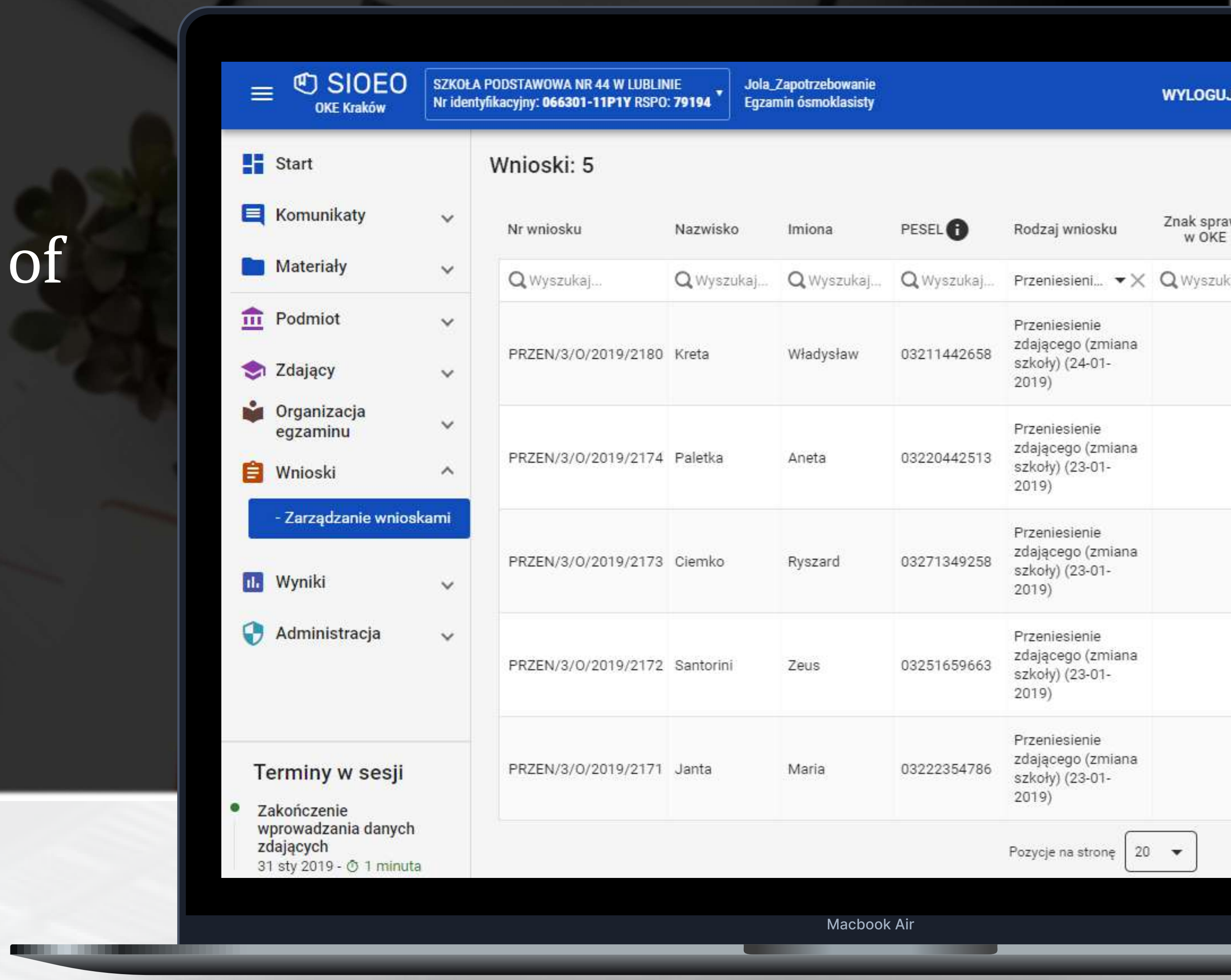


# SIOEO

## Design and implementation of IT System for General Education Exams.

UX / UI / Development



### Workshops: Creating an App for SIOEO system

**1**  
Development of a comprehensive IT system for managing general education exams in Poland, streamlining the organization and coordination of various examinations.



**2**  
Implementation of a user-friendly and accessible frontend layer using Angular 9+, NgRx 9+, and Material Design.

**3**  
Integration with the National Educational Data System (KSDO) for seamless login (SSO) and collaboration between District Examination Commissions, schools, and central committees.

## Designs

We developed a comprehensive system to facilitate the organization of eighth-grade, matura, and vocational exams across Poland.

Imię	Nazwisko	PESEL	Typ wniosku
D	Sala	0022191878	Przeniesienie zdającego (zmiana szkoły) (24-01-2019)
A	Włach	0020191882	Przeniesienie zdającego (zmiana szkoły) (24-01-2019)
B	Włach	0020040187	Przeniesienie zdającego (zmiana szkoły) (24-01-2019)
A	22	0020040187	Przeniesienie zdającego (zmiana szkoły) (24-01-2019)
B	8	0020040187	Przeniesienie zdającego (zmiana szkoły) (24-01-2019)
B	13	0020040187	Przeniesienie zdającego (zmiana szkoły) (24-01-2019)
Z	1	0021190023	Przeniesienie zdającego (zmiana szkoły) (24-01-2019)
Z	9	0021190023	Przeniesienie zdającego (zmiana szkoły) (24-01-2019)
A	25	0021190023	Przeniesienie zdającego (zmiana szkoły) (24-01-2019)
A	05	0022234786	Przeniesienie zdającego (zmiana szkoły) (24-01-2019)

This system encompasses the frontend layer, adheres to WCAG 2.0 AA compliance, enables single sign-on (SSO) within the National Educational Data System (KSDO), and follows SCRUM methodology.



## Mockup

During the mockup phase, we utilized industry-standard tools to create user stories and design the system's architecture and flow.

Collaborative work with the client ensured the alignment of design objectives with the project's goals.

## Testing

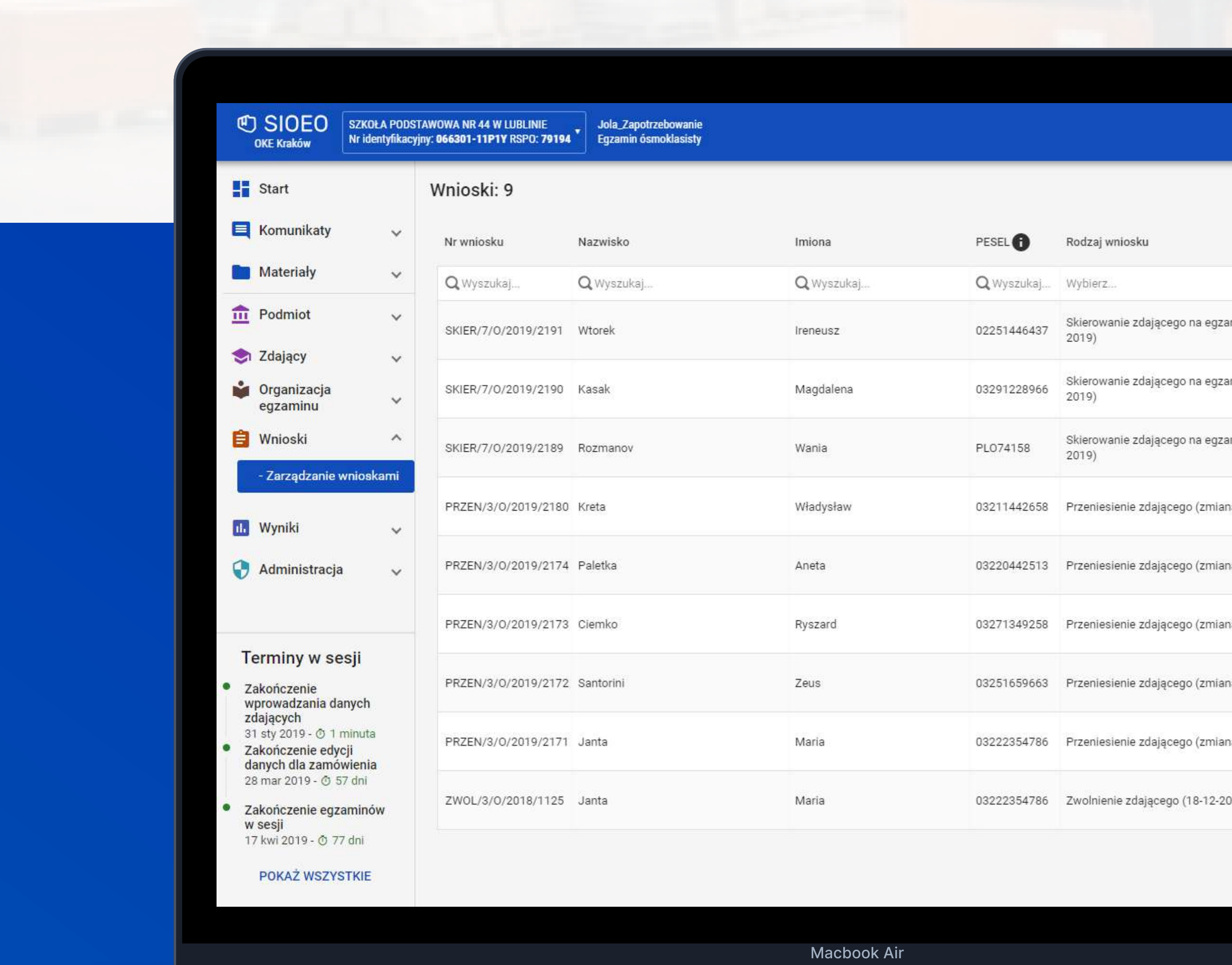
Extensive testing procedures were conducted to guarantee the system's functionality and performance, making it ready for productive use in organizing various exams.

## Coding

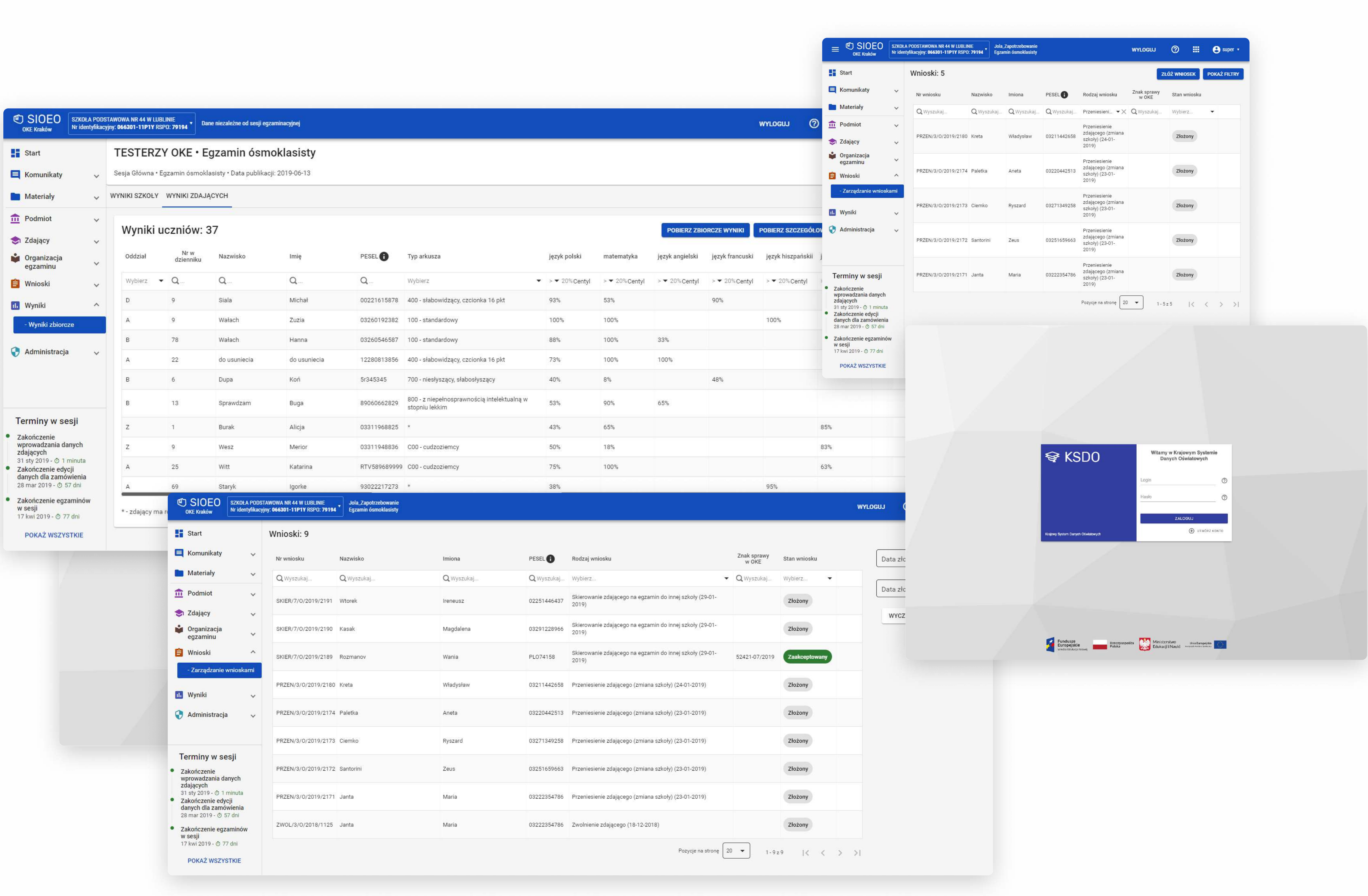
The development phase employed Angular 9+, NgRx 9+, and Material Design principles for the frontend layer, ensuring a robust and efficient system that meets WCAG 2.0 AA standards.

## Results

The SIOEO System for General Education Exams is a versatile tool that simplifies the complex processes of managing exams and certifications. It enables precise coordination among District Examination Commissions and schools, streamlining exam preparation and results recording, and enhancing the efficiency of the entire examination system in Poland.



Our achievements highlight our commitment to creating the perfect solution for you. Contact us to discuss tailoring an application to your specific needs.



Let's talk about your project!

Sales Department

+48 81 465 22 19

0 204 577 1825

737 710 1818

(02) 88 805 685

me@300devs.com

dominik@300devs.com

ul. Narutowicza 77/3

20-019 Lublin, Poland

300DEV.S.COM

