2024

MACLOUDUS

Macloudus

CUSTOM SOFWARE **SOLUTIONS** FOR YOUR **INDUSTRY**

The
Company

Innovative development leverage the power of cutting edge technologies and robust programming methodologies. Our dedicated software developers are adept at creating scalable, resilient, and efficient applications that cater to your unique business needs.

One of our core strengths is our ability to truly understand our clients' nees and goals. We take tthe time to listen, analyze and comprehend the unique challenges you face. This allows us to tailor our software solutions to precisely address your requirements, ensuring maximum impact and value for your business.

"Full Lifecycle Partnership for Your Digital Product's Journey"

Macloudus
Mision and vision
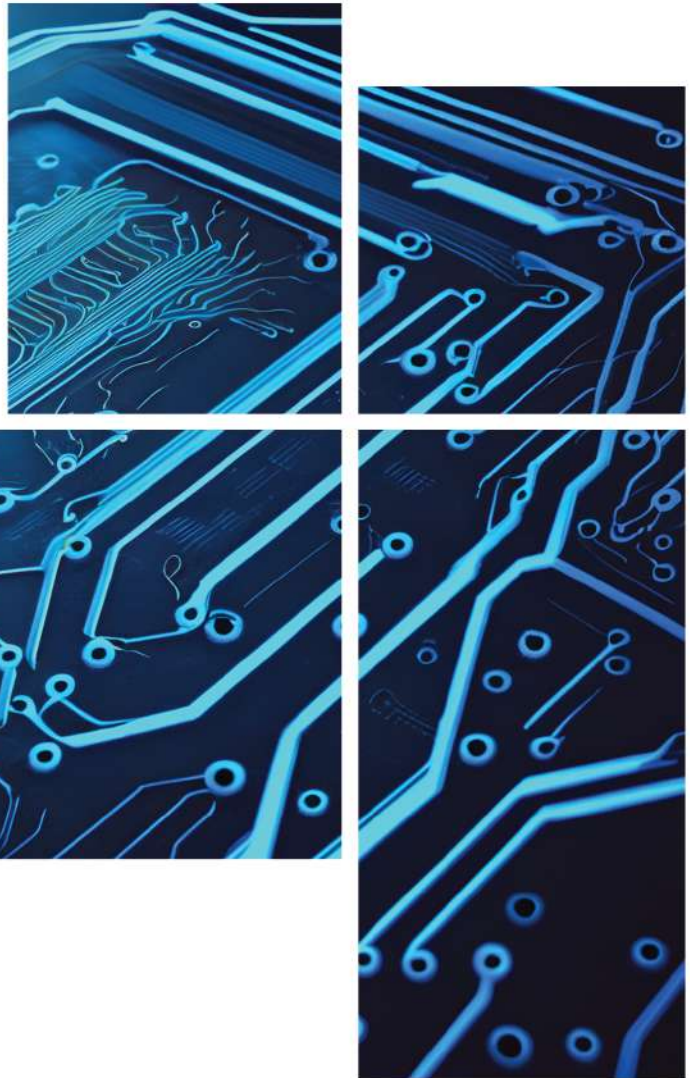
Macloudus is a dynamic and innovative software development company committed to propelling enterprise companies into the future.

✔ At Macloudus, our vision is to see our clients reach even greater heights. We believe that with our software solutions, companies can streamline their operations, improve their efficiency, and ultimately, unlock their full potential. This isn't just a business for us, it's a passion. We take joy in seeing our clients thrive and knowing we've played a part in their success story.

✔ Our mission is straightforward: to assist businesses in developing applications and optimizing organizational systems. We pride ourselves on our ability to understand our clients' unique needs, and we tailor our solutions accordingly to help them achieve their business goals.

Innovative Software
AI, App, Web,
Full Stack
Excelence

Our team of Talented professionals employs cutting-edge technology and innovative methodologies to deliver high-quality, reliable software solutions.

We adhere to the highest industry standards, ensuring our software is not only functional and efficient, but also secure and scalable.

Methodology

01 Discovery

In the discovery and definition phase Macloudus adds value to businesses by simplifying prospects that might otherwise seem too overwhelming and undefined. We fragment the problem into its essential elements, construct prototypes, validate our presumptions, and confirm the viability of business outcomes before making a large-scale investment in development.

02 Strategy

As promoters of product outcomes, we prioritize the project roadmap and facilitate communication between the team and business stakeholders. We utilize service design to understand the system in which the product operates and identify potential opportunities for businesses.

03 Product Development

By integrating Product Design, Product Management, and Software Engineering disciplines, we form agile, cross-functional teams that are adept at shipping software to market. This approach ensures that our teams are equipped with a diverse set of skills, fostering a collaborative environment that leads to high-quality outputs and rapid market delivery.

04 Engineering maturity

The maintenance and performance capabilities of a software product are built on foundational practices. We set, observe, and provide updates on engineering best practices as the product develops. In doing so, we create long-term relationships with our clients, establishing trust through transparency and the consistent delivery of quality software.

Our
Service

Mobile Application Development

Our mobile development team is proficient in developing native, hybrid, and cross-platform applications for iOS and Android platforms. We use industry-leading tools and frameworks like Swift, Kotlin, Java, React Native, and Flutter to create engaging and user-friendly mobile experiences. With Swift and Kotlin, we build robust and performant native applications that fully leverage the capabilities of each platform. For hybrid and cross-platform development, we utilize frameworks like React Native and Flutter, enabling us to develop high-quality applications that run seamlessly on multiple platforms.

Web Application Development

We specialize in creating dynamic, feature-rich web applications that empower businesses to streamline processes, engage users, and drive growth. Our web application development expertise covers a wide range of frontend and backend technologies. For frontend development, we leverage HTML5, CSS3, and JavaScript along with popular frameworks such as Angular, React, and Vue.js. These frameworks allow us to build responsive and interactive user interfaces that provide an exceptional user experience. On the backend, we utilize frameworks like Node.js, Appwrite, Firebase, Supabase, Django to develop robust and scalable web applications. Our proficiency in working with databases like MySQL, PostgreSQL and Elasticsearch ensures efficient data.

AI Development

Our expertise extends to artificial intelligence (AI) development, enabling businesses to harness the power of machine learning and data analytics. We have experience in developing AI-powered applications that automate processes, make predictions, and provide intelligent insights. Our team is proficient in popular AI frameworks and libraries such as Tensor-Flow, PyTorch, scikit-learn, Keras and OpenCV,. We have successfully implemented computer vision, natural language processing (NLP), and recommendation systems in various projects.

Custom Full-Stack Software Development

We excel in developing bespoke software solutions tailored to meet specific business requirements. Our team of experienced software engineers utilizes a wide range of programming languages, including Golang, C/C++, C#, Python, and JavaScript, to develop scalable, secure, and highperforming applications. We leverage frameworks and libraries such as PostgreSQL, MySQL, FFMPEG, GStreamer, Django, and React to accelerate development and ensure code efficiency.

Cloud Computing Solutions

We offer expertise in developing cloud-based applications and migrating existing systems to cloud platforms such as Amazon Web Services (AWS), Microsoft Azure, and Google Cloud Platform, Nginx, Apache, Docker and Kubernetes, Grafana, Kibana, OwnCloud, Proxy and load balancers. Our cloud architects design and implement scalable and resilient solutions to optimize performance, reduce costs, and enhance data security;

User Experience (UX) Design

Our dedicated UX designers focus on creating intuitive and visually appealing interfaces that optimize user engagement and satisfaction. By incorporating user-centered design principles, we ensure that our software applications deliver exceptional usability and seamless interactions.

Quality Assurance and Testing

We follow a rigorous testing process to ensure the reliability and stability of our software applications. Our team conducts comprehensive testing, including functional, performance, security, and compatibility testing, to deliver bug-free and robust solutions.

Macloudus
Team

Macloudus team is a diverse and dynamic group of individuals unified by their passion for innovation and technology. This team operates as a well-oiled machine, each member playing a crucial role in the company's success. Their collaborative spirit fosters an environment where ideas flourish and boundaries are constantly pushed. Whether brainstorming in spirited meetings or diligently coding through late nights, their commitment to excellence is unwavering. They thrive on challenges, adapting swiftly to evolving technologies and industry trends.

Together, they form the backbone of the company, consistently delivering cutting-edge solutions that redefine possibilities in the software landscape.

Macloudus CEO is the visionary architect of the company's overarching strategy. His leadership navigates the team through market fluctuations, strategic partnerships, and long-term visioning. With a finger on the pulse of industry trends and a knack for business acumen, he sets the sails for the company's growth, creativity and productivity.

Grantas Dapkus
Co-Founder & CEO

Paulius a technical virtuoso who breathes life into the CEO's vision. His coding prowess and deep understanding of software architecture are the cornerstone of the company's technical foundation. With a keen eye for detail and an insatiable curiosity for emerging technologies, he drives the team towards cutting-edge solutions, ensuring the product remains at the forefront of innovation.

Paulius Dapkus
Co-Founder & CTO
Lead Software Engineer

The lead UI designer adds the crucial aesthetic and experiential dimension to the team. Creative ingenuity and design finesse transform complex concepts into user-friendly interfaces that captivate and delight. Melding functionality with aesthetics, she crafts intuitive designs that elevate the user experience, ensuring that the software is visually appealing and intuitive.

Indre Virsilaite
Lead UI Designer
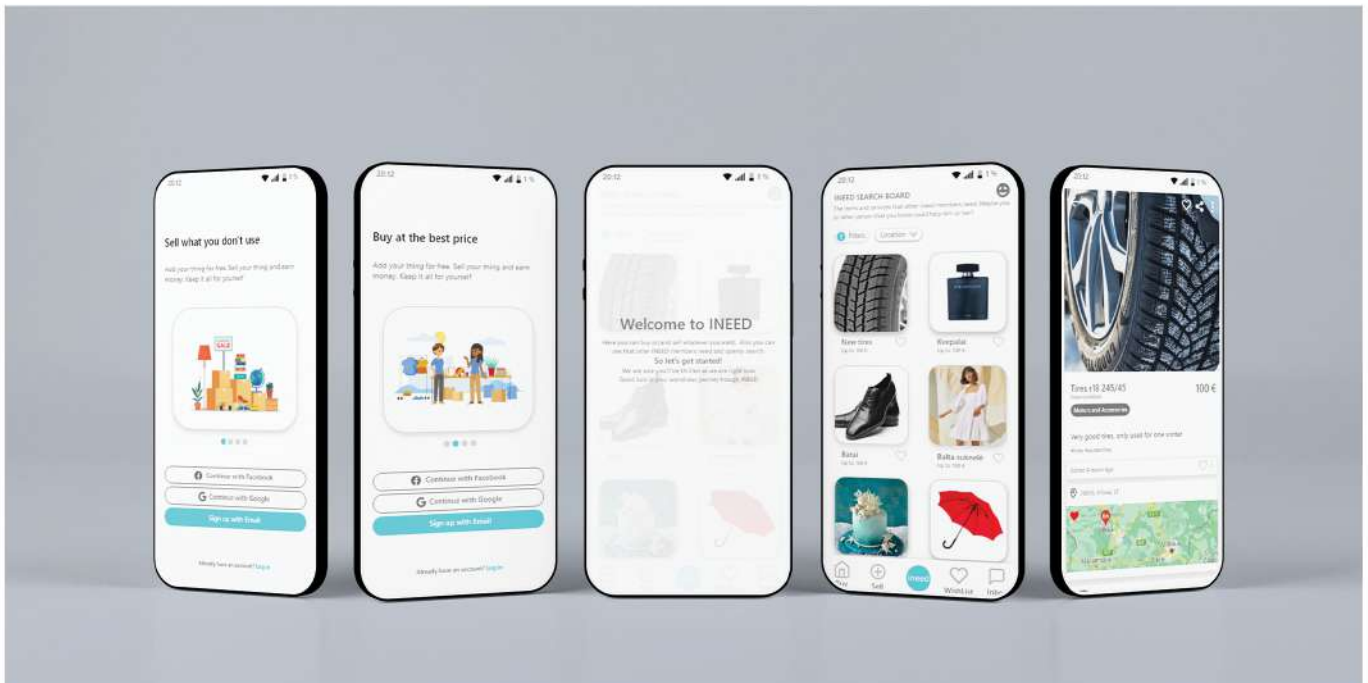
Portfolio
Of company
Projects

At Macloudus, LLC we implement the Scrum methodology to expedite our projects and optimize productivity. The Scrum approach allows us to deliver high quality results within a reduced timeframe by working in iterative sprints. Furthermore, we have a proven track record of successfully customizing our methodologies to align with our clients' unique needs and preferences. This client focused flexibility has consistently resulted in solutions that directly address customer requirements and exceed expectations.

We have successfully completed software development projects across various industries:
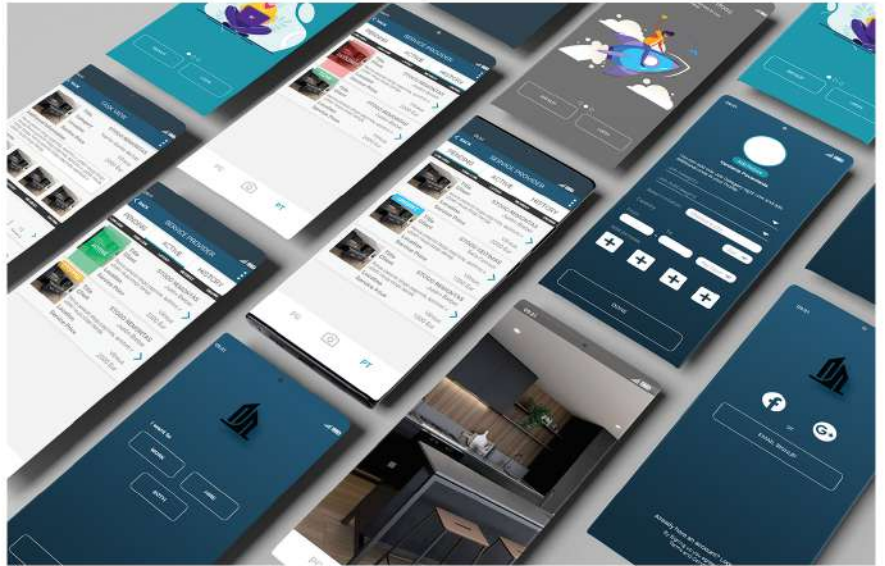
01 WNed platform for document search

✔ *Brief description of the contract:* custom AI search engine development with big data. Development includes data gathering to machine learning datasets and creating new machine learning models for data search engine. Creation of data tables and development of tools for big databases for fast data access time;

✔ *Customer name:* GoDigi JSC;

✔ *Timeliness of performance:* April 20 2022 – ongoing;

✔ *Customer satisfaction:* all ongoing tasks completed on time according to requirments.

Prototypes and work samples of the project we developing:

02 STS platform for finding and storing information in cloud for various items

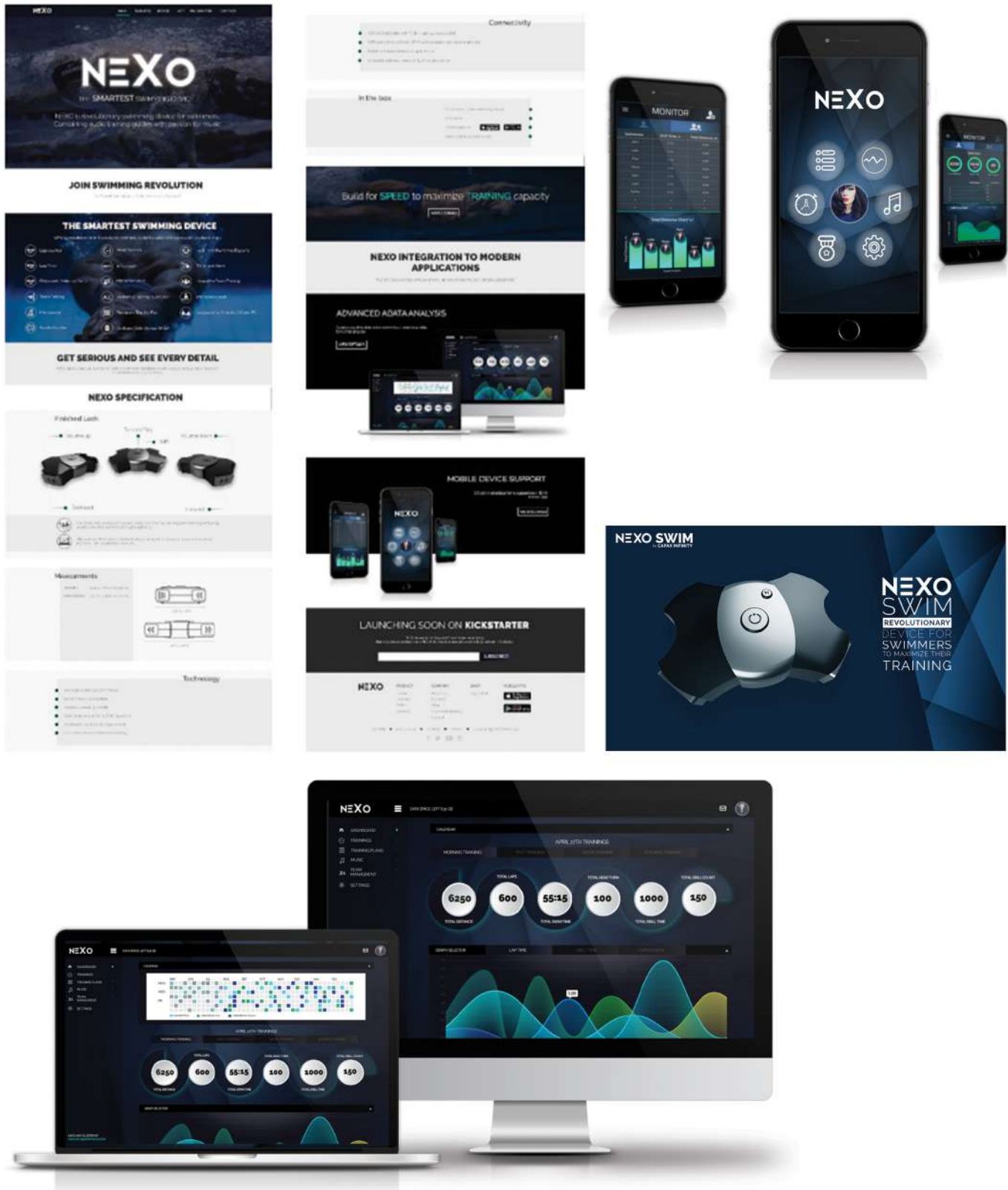Prototypes and work samples of the project we developing:

- ✔ *Brief description of the contract:* developing custom platform for searching products in data storage, contract includes development of databases integration, full backend and frontend with WEB design creation;

- ✔ *Customer name: private sector;*

- ✔ *Timeliness of performance:* March 17 2023 – ongoing;

- ✔ *Customer satisfaction:* all ongoing tasks completed on time according to requirements.

03 Nexo swimming computer software development:

- ✔ *Brief description of the contract: WEB based and mobile based swimming data visualization tool for swimmers, developing full stack including all backend and fronted which are mobile applications and desktop applications. Backend consists of data storage managing altered databases for storing big data, real time swimming analysis, client devices routing in a group network and sending special messages to devices. As of front end part a full data visualization was created in multi-platform architecture for maximum client satisfaction for viewing and controlling swimmers data in realtime;*

- ✔ *Customer name: Nexo swim startup;*

- ✔ *Timeliness of performance: February 8 2023 – ongoing;*

- ✔ *Customer satisfaction: all ongoing tasks completed on time according to requirements;*

Portfolio
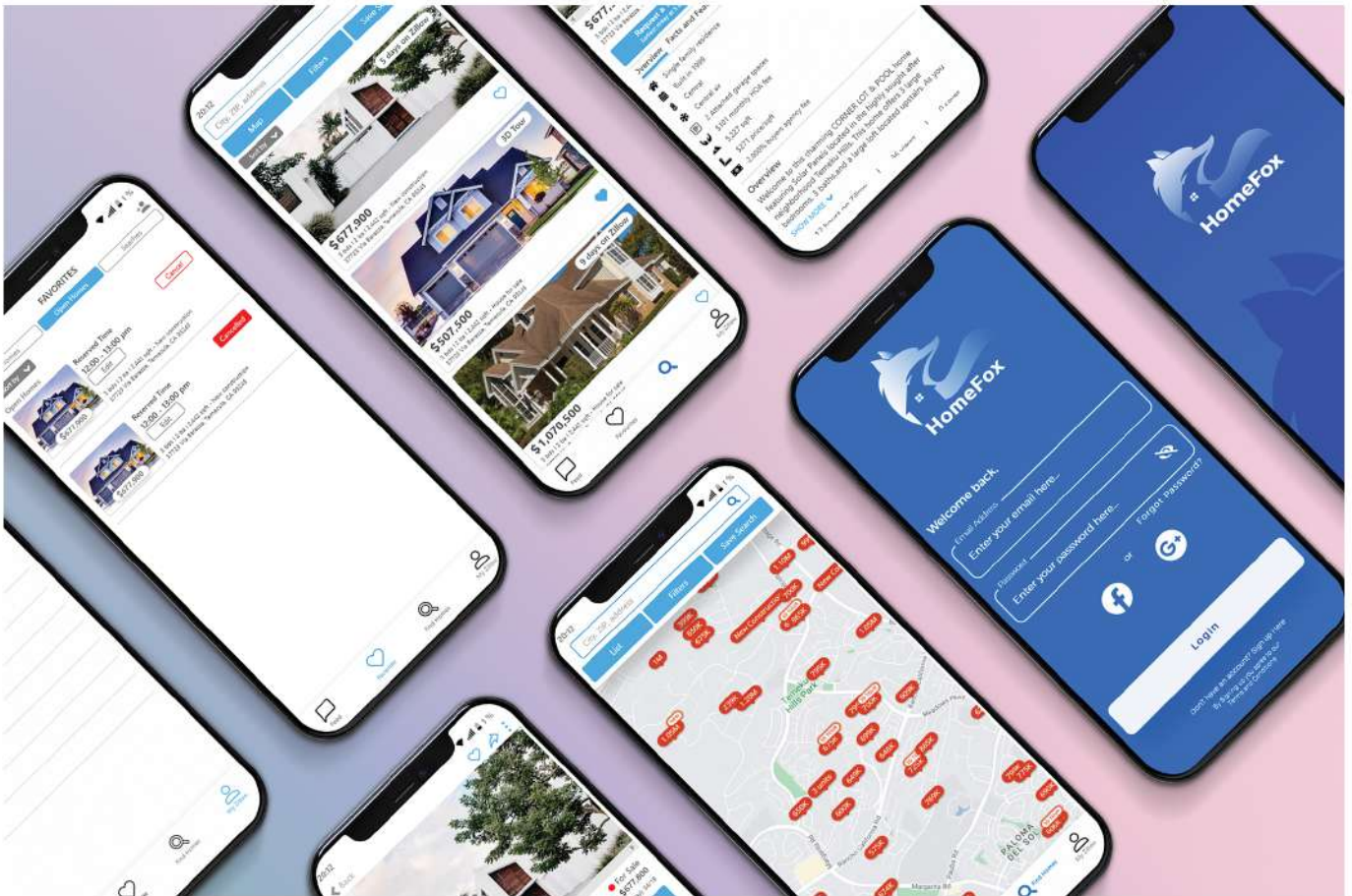# Of company
Projects

Prototypes and work samples of the project we developing:

04 Housing market service application

✔ *Brief description of the contract:* developing custom platform for searching products in data storage, contract includes development of databases integration, full backend and frontend with WEB design creation;

✔ *Customer name: private sector;*

✔ *Timeliness of performance:* March 17 2023 – ongoing;

✔ *Customer satisfaction:* all ongoing tasks completed on time according to requirements.

Prototypes and work samples of the project we developing:

We would be thrilled to have the opportunity to discuss your specific requirements in more detail and demonstrate how Macloudus can contribute to your success. We are committed to providing you with a cost-effective and efficient solution that aligns with your vision.

Thank you for considering Macloudus as your software development partner. We are eager to prove our capabilities and build a long-lasting partnership.