

B2B MARKETPLACE FOR LAB TESTING SERVICES



Mastery in
Software
Engineering

Key Facts



Industry: Packaging & Containers



Team Size: 2 people



Duration: 3 years (ongoing)



Technologies:

Angular 7, JavaScript, MySQL
PHP 7 (Symfony 4),
NodeJS/Nest
MariaDB



Services:

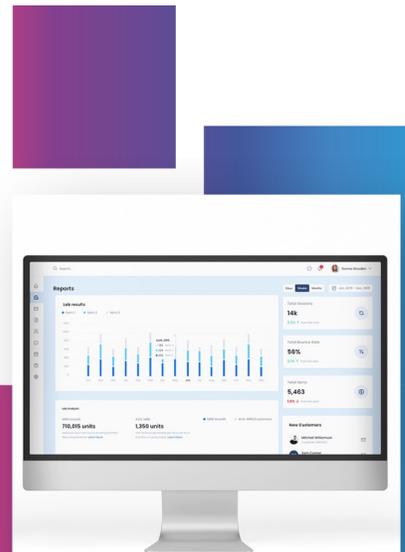
Software Development

DevOps

Maintenance

Highlights

- A web-based marketplace connecting customers with laboratories providing test services for food packaging.
- Integrations comprised communication and payments.
- The precise requirements for food testing were translated into the web platform allowing customers to select laboratories best suited for their analysis needs.



Solution

Our client has extensive expertise in the field of chemical analysis for food-safe packaging certification.

The solution designed by our client and developed by our team is a marketplace that allows test laboratories to set up their web shop for chemical and biological analysis services.

Companies interested in analysis services on materials in food packaging and their interaction with the food itself can access the marketplace to find a suitable lab.

Within the platform, the laboratories advertise their substance analysis services and capabilities. These kinds of analyses are highly parameter sensitive and are performed utilizing various processes that must be specified when requesting the service.

The B2B marketplace offers, among extensive information about the different types of analyses available, business support features like a payment module and communication options. Our dedicated software development teams also worked on a modern UI that makes the platform user-friendly and easy to navigate.

The project was developed using four layers:

- Presentation layer
- Service layer
- Business layer
- Data access layer

Collaboration

The ongoing collaboration between our companies started in 2018. It resulted in a platform that facilitates the connection between the companies in the food and packaging industry looking to analyze and improve their packaging with laboratories that certify the materials used in food packaging.

Entrusted with the design and development of the online B2B marketplace, our team has organized the project delivery based on Agile-Kanban methodology, allowing for constant communication and full transparency of work performed and associated costs.

After analyzing the requirements, the architecture design and the implementation technologies were decided. Continuous integration was instrumental for unit testing and frequent deployments.

Client Benefits



EFFICIENCY

Fortech implemented testing procedures and set a working methodology.



AUTONOMOUS DEDICATED TEAM

Autonomous product engineering team, that shares the responsibility of product delivery.



GO-TO-MARKET

The team translated our client's vision into a practical software tool and helped him take it to market in deadline.





ABOUT FORTECH

Fortech is a top Romanian software development company headquartered in Cluj-Napoca. With a workforce of 1150+ people, Fortech has been repeatedly recognized by Deloitte, EY, IAOP and Forbes for its fast-growing, entrepreneurial journey.

With expertise and a strategic focus across healthcare, financial services, industrial manufacturing, professional services, automotive sectors, and more, we cover the end-to-end software life cycle development to deliver the innovation, scalability, quality and speed our clients need.

Our approach to software engineering combines strong technology and process know-how, Agile delivery methods, and a blend of code quality practices and metrics refined in almost two decades. Since 2003, over two hundred fifty clients chose Fortech as their tech partner.

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