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# ZAGOR SOLUTIONS LTD.

## COMPANY PROFILE

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<https://www.zagorsolutionsltd.eu>

[info@zagorsolutionsltd.eu](mailto:info@zagorsolutionsltd.eu)

Zagor Solutions Ltd. is a technology-leading startup company focusing on providing innovative digital platforms for optimizing organizations' and companies' performance. It develops solutions that solve many challenging aspects of present digital life using a research-based and science-based approach.

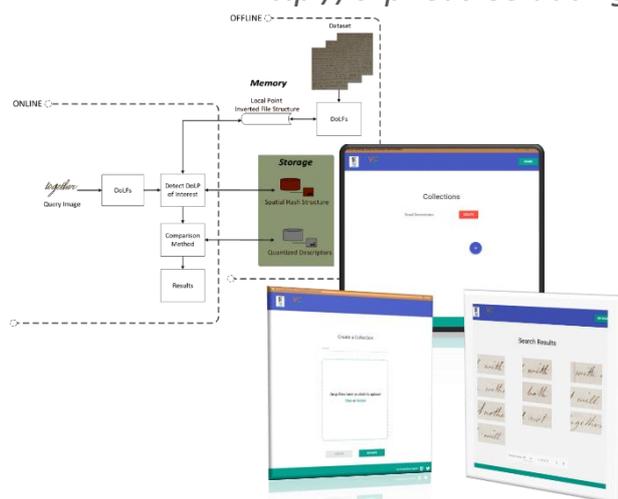
Furthermore, Zagor Solutions Ltd. develops based on a varied technological stack from C#/.Net for building desktop solutions to modern serverless microservices architecture based on Google Firebase/Functions/Typescript/Angular frameworks for a hybrid mobile/web approaches.

Final, we provide open education resources through custom digital e-learning platforms based on modern architectures for educational purposes.

## RESEARCH SHOWCASE

### ***Unsupervised Word Spotting in Historical Handwritten Document Images Using Document-Oriented Local Features***

<http://orpheus.ee.duth.gr/word-spotting-demonstrator/>



A new method that permits effective word spotting in handwritten documents is developed that it relies upon document-oriented local features, which take into account information around representative keypoints as well a matching process that incorporates spatial context in a local proximity search without using any training data.

**Technologies:**

**Frontend:** Angular

**Backend:** .Net Core/C#

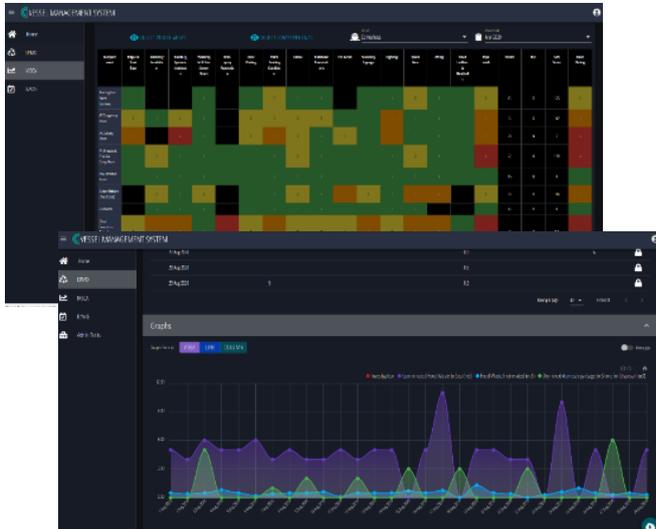
**Database:** Custom-made based on data structures

- [1] K. Zagoris, I. Pratikakis, and B. Gatos, «**Unsupervised Word Spotting in Historical Handwritten Document Images Using Document-Oriented Local Features**,» in IEEE Transactions on Image Processing, vol. 26, no. 8, pp. 4032-4041, Aug. 2017
- [2] K. Zagoris, I. Pratikakis, and B. Gatos. "A Framework for Efficient Transcription of Historical Documents Using Keyword Spotting", In Proceedings of the 3rd International Workshop on Historical Document Imaging and Processing (HIP '15), Gammarth, Tunisia, 2015.
- [3] K. Zagoris, I. Pratikakis and B. Gatos "Segmentation-based Historical Handwritten Word Spotting using Document-Specific Local Features", 14th International Conference on Frontiers in Handwriting Recognition (ICFHR'14), (9-14), 2014

# DEVELOPER SHOWCASES

## *Vessel Management System*

<https://demo-vms.azurewebsites.net>



Vessel Management application for Machinery Space Compartment Assessments and Environmental Performance Monitoring Data used on Cruise Ships.

*Technologies:*

**Frontend:** *Vuejs/Typescript,*

**Backend:** *.NET Core 3.1/C#/ Entity Framework*

**Database:** *Microsoft SQL Server*

## *sWaiver*

<https://www.swaiver.com/>



sWaiver is an easy-to-use online management system for signed forms.

More precisely, it is an online management system for forms in which users are able to accept/sign them.

*Technologies:*

**Frontend:** *Ionic/Angular,*

**Backend:** *Google Functions (Javascript)*

**Database:** *Google Firestore*