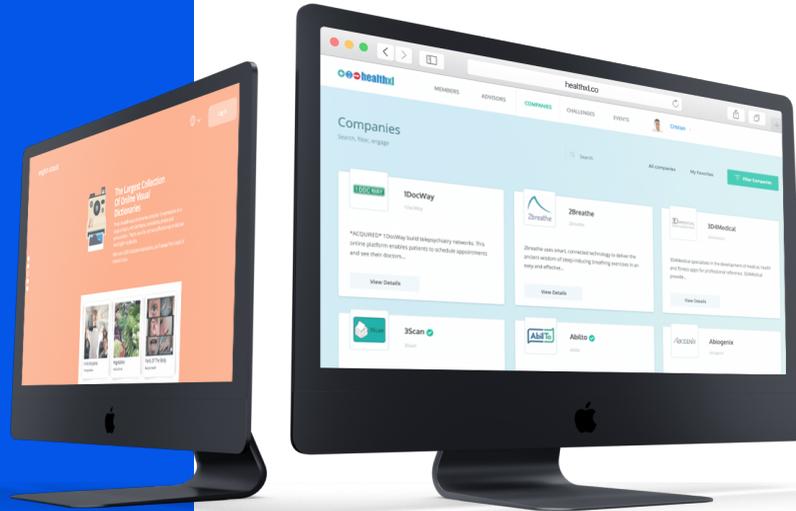


**ASSIST**  
Innovative Minds

# FRONT-END

Development Portfolio



# About us

ASSIST Software was founded in 1992 and is a software company based in Suceava, Romania. ASSIST Software specializes in outsourcing software development projects.



28 Years of  
Experience



200+ Full-Time  
Employees



240 Clients  
around the world



463 Projects  
Completed since 1992

# Our Expertise

1

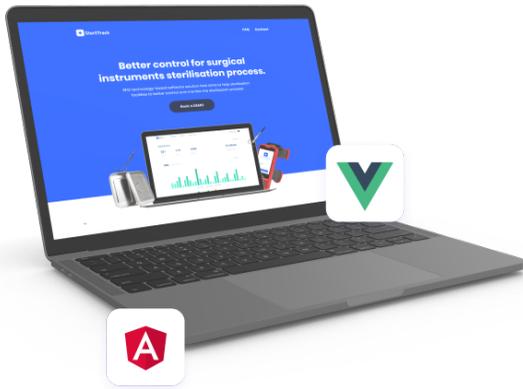
Designing cutting edge front-end systems, responsive on all devices and with the best user experience

2

Offering full services from consultancy, architecture, development, deployment and even hosting solutions

3

Full support after deployment: optimizing performance, interactive customer retention, intelligent tracking and user retention



Our front-end developers use **Agile methodologies**, **Lean principles** and **DevOps** practices to ensure that all the projects they work on fulfill your demands, stand out and improve the aesthetic of your product.

The design is what really gives character to your webpage and our front-end specialists keep this in mind when building websites from scratch with **CSS** and **HTML**. We have also used the following CSS frameworks: **Bootstrap**, **Bulma**, **Foundation**.

In order to make the process of creating web solutions even more efficient, our specialists use the most well-known CSS preprocessors in the industry: **Sass**, **Less**, **Stylus**.



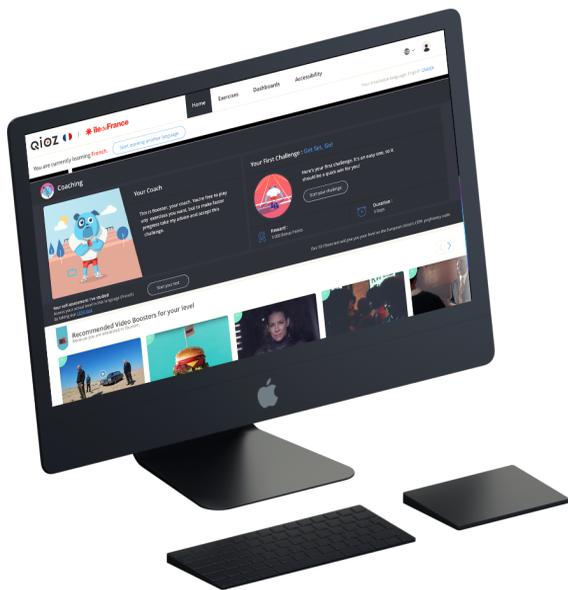
# English Attack

**English Attack!** is the first English-language learning service specifically designed for the digital generation.

We are involved in developing and improving current version of English Attack!. One of our important goals is to optimize the website, increasing its performance by using **CDN** and special caching techniques.

At the same time a set of games have been developed in **Unity 3D game** engine and integrated in the website and as standalone mobile apps.





We improve the overall performance of the website by maintaining a healthy flow of messages to the database with the help of **AMAZON SQS**.

In order to help the users achieve better results, we give them the possibility to hear the pronunciation of the expressions they learn, by using the **iSpeech** service.

For protecting the website and API against common web exploits we use **AWS WAF**, which creates and maintains security rules with the integrated API.

[Learn more](#)

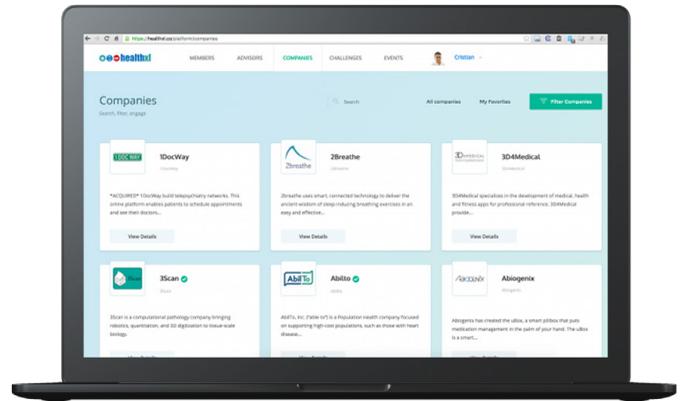
# HealthXL

HealthXL platform intend to transform innovation in healthcare by connecting the most innovative digital health companies with established global leaders, investors and entrepreneurs.

In order to enable an efficient platform for digital health collaboration, ASSIST Team developed the custom application from **Drupal CMS, Foundation framework and PHP.**

One of the main challenges in building the platform was to manage a large amount of companies' data while making sure that the data is easy to filter and personalise based on the user profile. Infrastructure is based on **AWS technologies** with a high redundancy and performance.

[Learn more](#)



# SterilTrack

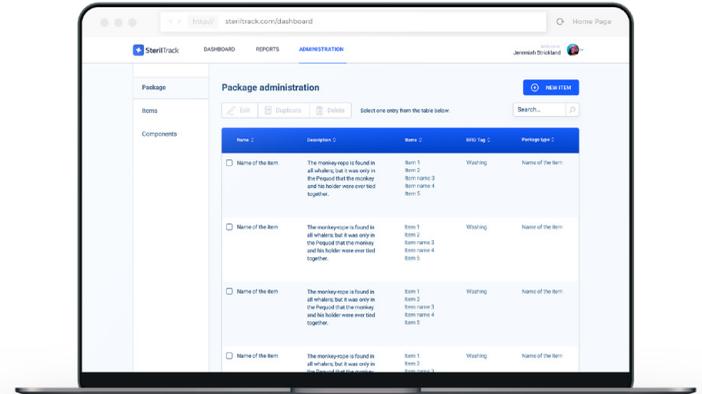
**SterilTrack** is an ASSIST Product developed in partnership with the Regional Hospital in Suceava, which is an **RFID technology**-based software solution that aims to help sterilisation facilities to better control and monitor the sterilisation process.

Among the advantages of SterilTrack we can mention the following:

- auditing the sterilisation activities
- quickly locate a specific item
- validation of the sterilisation of surgical instruments
- enforcing strict rules and avoiding human errors
- highly configurable to meet all types of sterilisation areas and sterilisation machines
- portability by using fully connected high-performance RFID scanners

SterilTrack uses **Rails** for the backend, **MySQL** as a database, and **Angular** for the web application interface. We also use an **Android** application for the user interaction with the **RFID scanner**.

[Learn more](#)



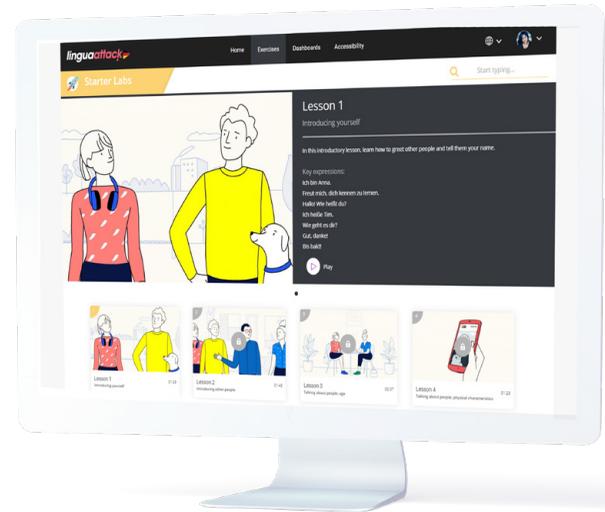
# Lingua Attack

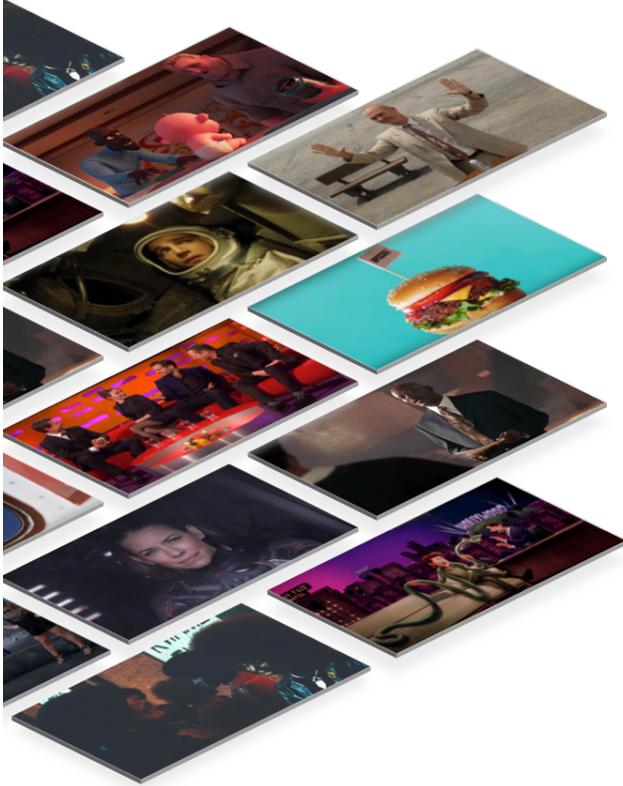
**Lingua Attack** is an extension of English Attack, the online platform that has helped over a million users to improve their English with engaging lessons and games based on real-world material from thousands of video clips.

Lingua Attack platform was designed having in mind also the impaired people (visual and hearing disabilities) to help them to learn new languages, by integrating the **RGAA3** standard in France that's based on **WCAG 2.0** international standard.

Also, Lingua Attack keeps users engaged with different types of challenges that allow them to gain more points and obtain badges by completing various skills.

A challenge for us was to implement personalized dashboards for our users. The dashboard will suggest exercises and assignments for a user according to their preferences and level.





**Amazon SQS** helps us maintain a healthy flow of messages to the database, thus improving the overall performance of the website.

We are using **iSpeech** service in exercises to provide users the possibility to hear the pronunciation of the expressions they learn.

**AWS WAF** helps protect the website and API against common web exploits by creating and maintaining security rules with the integrated API.

With the use of **Amazon S3**, the media used on website is always available and most important, secure against attacks and hardware failures.

The highly customizable **VideoJS framework** is used to play the videos on the website.

[Learn more](#)

# Mix With The Masters

**MWTM** is a web platform that contains audio/video material with the most important producers from the music industry. The content of the videos are tutorials about music production. Beside the video material, in this project are also implemented periodic meetings (webinars/seminars) that are paid and programmed through the site.

The videos can also have custom subtitles for different languages uploaded through admin interface.

The project is implemented in a **CMS (Drupal 7)** and is hosted on **Amazon Web Service**.



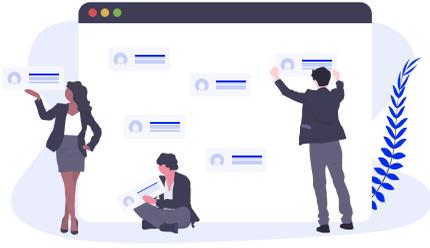


The content of the project is also transposed in an iOS application that can be free downloaded from Store. The connection between the **WEB platform** and the **iOS application** is made through an **API**.

Our team developed a custom video platform that is highly available and easy to manage/maintain. We accomplished this by leveraging **AWS infrastructure** to keep the operating costs low and have a highly scalable platform.

[Learn more](#)

# Collaboration Models



## Project-based

- Clear requirements
- √Dynamic team scaling
- Self-managed
- Cost per project



## Dedicated Team

- Clear requirements
- Product Owner
- Fixed Team
- Self-managed
- Milestone-based cost



## Team Augmentation

- Clear requirements
- Product Owner
- Mixed teams
- Shared tools
- Joint ceremonies
- Time/Material



# Digital **challenges?** Let us help you!

[assist-software.net](https://assist-software.net)

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