

ASSIST
Innovative Minds

Python

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



We have extensive experience in building large-scale web platforms using the **Django Framework**. To cope with high volumes of requests, we have implemented systems that use queues and scheduled workers to process data. We also have a vast background in developing REST applications using **Django Rest Framework**.

Due to our experience with analysis projects, we have created complex reporting modules and exported them in various formats (.pdf, .xls, .docx, .ppt, etc.). Furthermore, our team has experience with implementing integrations between systems with a focus on maintaining a high-security standard.

We have also used external integrations to enhance our projects, such as the **IBM Watson** services and **Twilio's SMS** messaging system. We focus on user experience, aiming to improve both platform-wise and services-wise using push notifications and other services.

HealthBeacon

Health Beacon (<https://healthbeacon.com/>) is a medication adherence technology company. They develop smart tools for managing medication. The Health Beacon is a smart sharps bin for patients who self-inject medications at home. It is digitally connected and programmed with your personal medication schedule and uses customized reminders to help you start and stay on track with your medication.

ASSIST Software developed a web application for managing the devices, patients and medical staff. The technology used is Django Python and the application is directly integrated with the device's firmware.

The application is hosted on AWS and is HIPAA compliant. The entire cloud architecture is designed and maintained by ASSIST Software in production.

[Learn more](#)





Die Online Kinderärzte

Die Online Kinderärzte is a web application developed by ASSIST Software intended to triage pediatric patients prior to a visit at the pediatrician or the emergency room.

When a child has a medical problem and the parents cannot judge the severity of it, and it is after office hours, they will need to go to the emergency room. This leads to long waiting queues and a financial burden to the health care system.

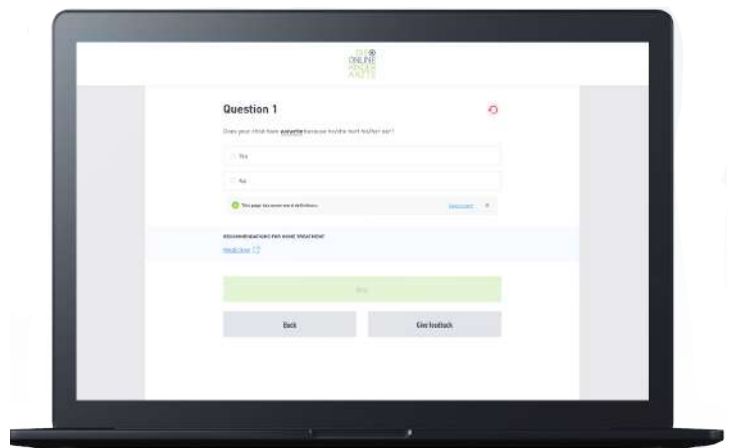
The application focuses on simple and user-friendly design in order to make it accessible to any patient, regardless of their technical background.

[Learn more](#)

It also centers patient feedback, offering multiple possibilities for this, feedback per question and even a user experience survey at the end.

The key feature in this project is the Symptom Checker based on the decision trees, created graphically by medical staff and imported through the administration panel.

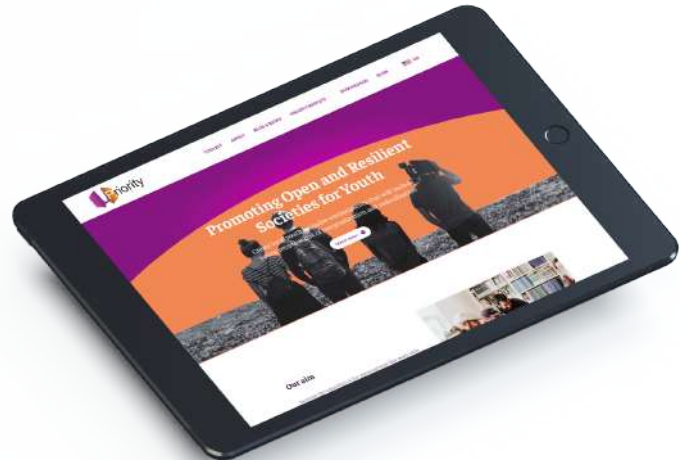
Through this platform, the user will choose a symptom and will go through a questionnaire that will identify whether the problem is an emergency or not.



PRIORITY

The PRIORITY Project is co-funded by the ERASMUS+ program of the European Union and submitted under key action: support for policy reform, action type: social inclusion through education, training, and youth.

PRIORITY: PRomoting Open Resilient Inclusive socieTles for Youth is an innovative project that involves 4 countries: Germany represented by JUGEND- & KULTURPROJEKT, Greece represented by KAINOTOMIA, Romania - represented by ASSIST Software, and Italy represented by Mine Vaganti NGO.



[Learn more](#)

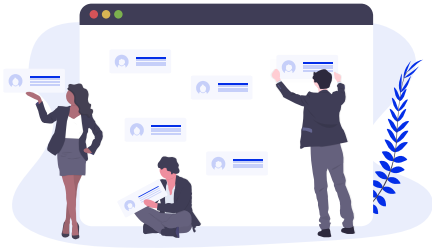


The specific PRIORITY objectives are:

- To involve and train first-line practitioners on the ground: they will be the first point of contact for young individuals at risk of marginalization and radicalization.
- To design innovative methods and solutions of multi-agency, multi-disciplinary cooperation from the combination of existing practices in the fields of youth work, education training as well as sports and culture mediation fields in order to foster the social inclusion of disadvantaged youth at risk of marginalization.
- To develop, test and upscale safe inclusion youth environments named “PRIORITY Hubs” with a bottom-up approach and youth initiative that will be based on cross-sectoral cooperation of local stakeholders that support youth inclusion with tailor-made activities/ interventions adapted to local circumstances.

PRIORITY: PRomoting Open and Resilient socieTies for Youth is a project that aims to create local youth inclusive environments that will include young people at risk of marginalization and radicalization such as young migrants and refugees.

Collaboration Models



Project-based

- Clear requirements
- Product Owner
- 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

passion. innovation. fun.



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

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