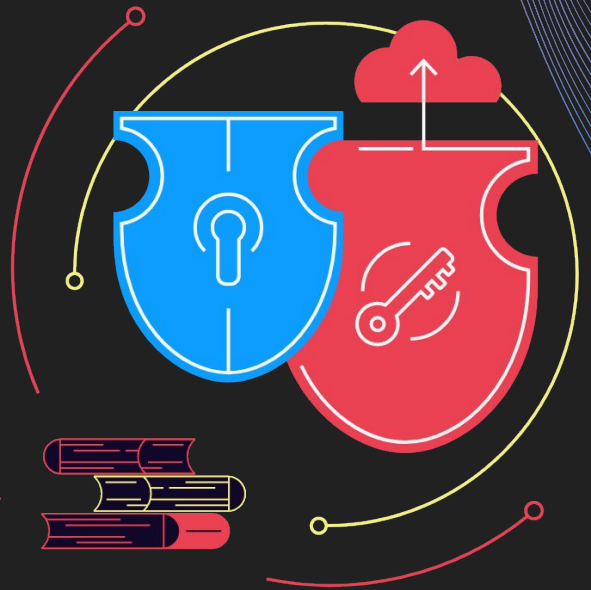
cyber EDU

Next-gen cybersecurity hands-on learning for students and infosec professionals



Cybercrime | Data loss | Cyberattacks

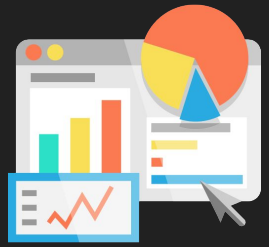
Supply chain attacks grew **420% in just 12 months**

Almost **90% of web applications are vulnerable to exploits**

1 attack happens **every 40 seconds**

Roughy **1 million new pieces of malware** are made each day

280 days on average to contain a data breach in 2020



Cybercrime is on the rise, both operations and impact: by 2025, the number of **ransomware attacks will increase by 700%**

Attack **tactics are more sophisticated** while user behavior and IT personnel isn't changing towards a proper cyber hygiene

Cybersecurity professionals need **more hands-on training** to identify new methods and approaches to counteract these threats

The **unemployment rate in cybersecurity has been 0** since 2011 and every year the shortage deepens

Who are we?

Florina Avadanei

Co-founder and CEO

More than 12 years of experience in marketing, communication and project management. Active in the cybersecurity industry since 8 years, founded Ladies in Cybersecurity - an initiative that encourages women to choose a career in cybersecurity.

Andrei Avadanei

Co-founder and CTO

More than a decade working in tech and cybersecurity. Founded DefCamp in 2011 and was nominated in Forbes 30Under30 and in New Europe 100 for results during his career.

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Meet the Co-founders

Introducing CyberEDU

The **special secure environment that leverages cyber-range-as-a-service technology.**

It offers individuals the possibility to reach the next level of mastery in ethical hacking, offensive or defensive cybersecurity.

Nov 2019

First line of code

Apr 2020

Soft launch

Sept 2020

Accepted in Impact EdTech Programme stage 1 & 2
5k registered users

Mar 2022

over 60 competitions
10k registered users

Mar 2023

new features release: create your own competition, better stats & reporting
over 50 available training courses
over 15k registered users

How it began

- Organising cybersecurity competitions since 2011
- Organising DefCamp - largest cyber security conference from CEE
- Technical coordinators and coaches for the European Cyber Security Challenge in 2019

Important milestones

3y+

- validation of product for companies and academias
- accelerated in the European Impact EDTech Accelerator program - stage 1 and stage 2
- selected in Orange Fab Accelerator
- over 80 international competitions and activities organized or hosted on the platform
- 15k+ registered users
- over 50 available training courses
- successful initiatives: UNbreakable Romania, Caucasus University pilot, Romanian Cyber Security Challenge
- awarded as the Education Program of the Year with UNbreakable Romania by ANIS Romania in 2022

CyberEDU is…

- a safe cybersecurity practice and learning space that serves the worldwide ethical hacking community
- a software-as-a-service with no installation of further setup requirements needed
- a way to "learn by doing" in a variety of classes: digital forensics, penetration testing, threat intelligence, threat hunting, security monitoring, web security
- an "always on" place to practice cybersecurity through hundreds of practical exercises based on real life scenarios, mapped against industry standards
- a competitive environment where you assess your current level of knowledge and learn to move on to the next level

cyber EDU

On CyberEDU, you can...

3y+

- access 350+ labs, exercises and training sessions on cybersecurity topics
- participate in CTF competitions
- join large scale challenges based on complex infrastructures
- join attack / user / network traffic simulations and tabletop exercises
- join Attack / Defense competitions: Red vs Blue, Blue only, Red only, Purple
- create your own CTF competition
- launch cloud-based or on-premise, on-demand, hands-on cybersecurity labs
- manage unlimited number of cyber enthusiasts in private spaces
- screen talent and track performance in a gamified environment
- upload your own challenge stack
- review challenges
- upload write-ups for current challenges
- certify acquired knowledge with a diploma

CyberEDU is developed for…

COMPANIES

- improve your security team’s performance and collaboration
- build and test your team's cybersecurity skills

UNIVERSITIES, SCHOOLS, COLLEGES AND TRAINING INSTITUTES

- enrich your student's curriculum with practical cybersecurity labs to let them gain real practical experience
- you stay up-to-date with the latest developments in cybersecurity

INDIVIDUALS

- keep your skills and mind sharp
- get creative for emerging cyber risks and threats

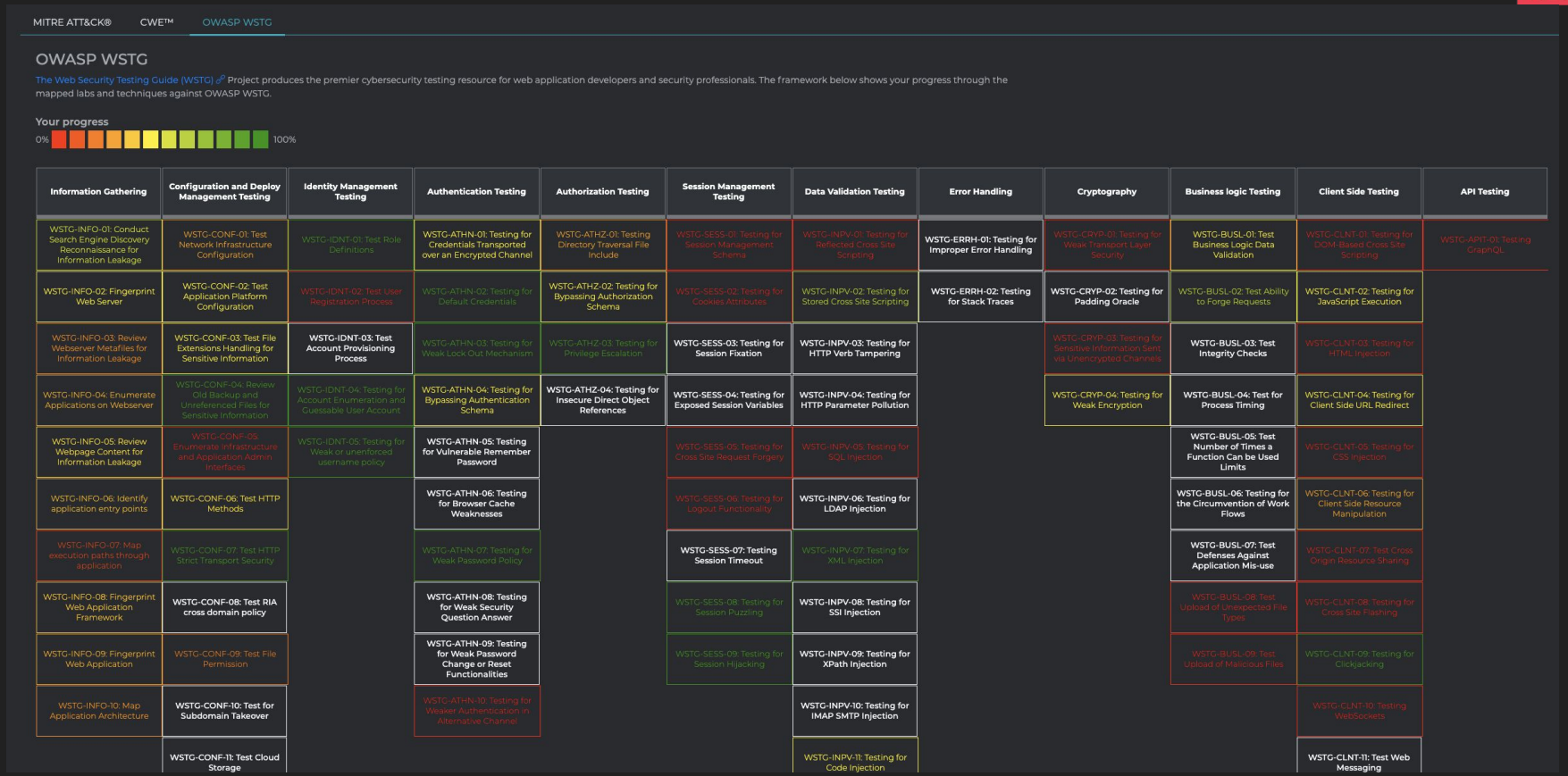
Our ambition

To be an **active booster in increasing and improving cybersecurity skills worldwide**, by providing a safe space for people to learn and practice cybersecurity skills using real-world inspired scenarios.

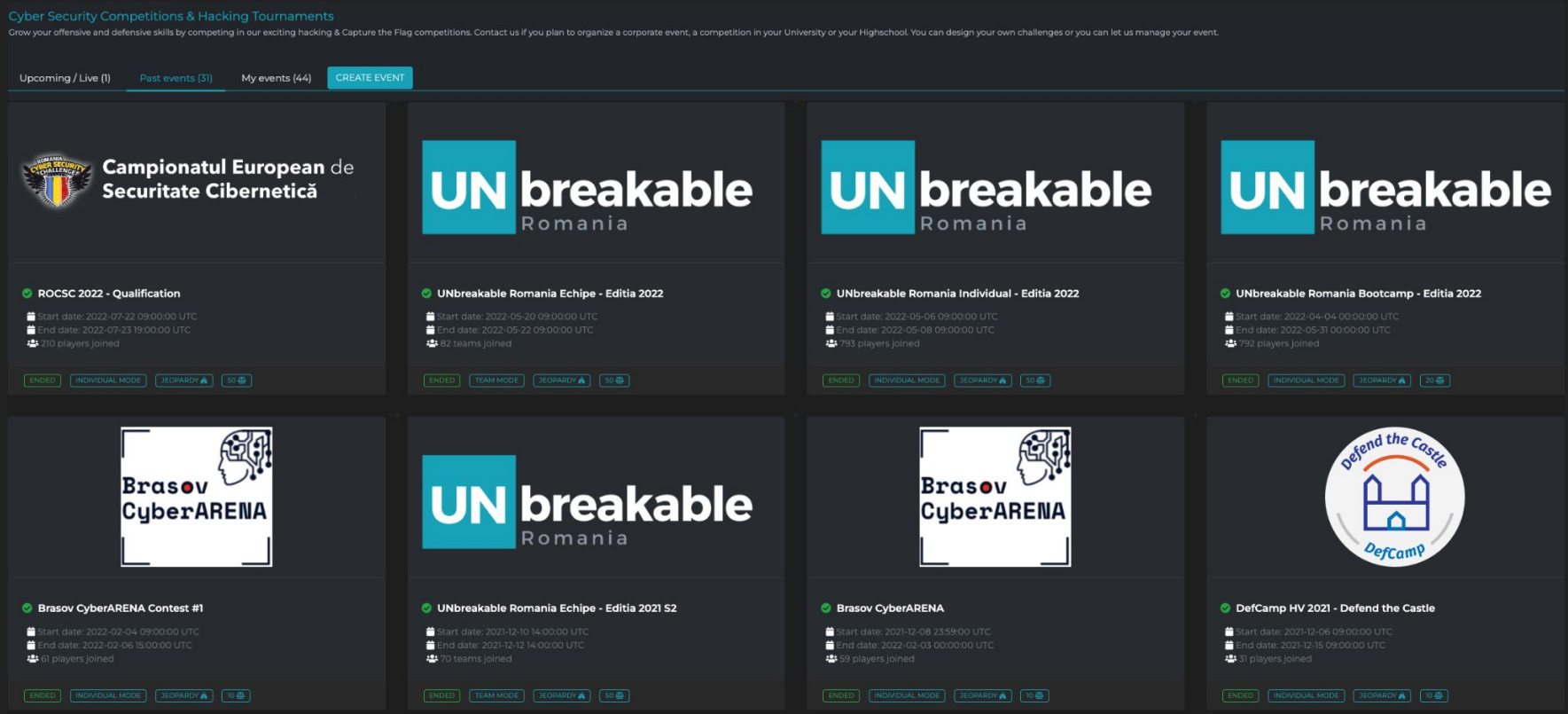
Partners & Customers of CyberEDU

… and more than 150 universities, high schools and organisations

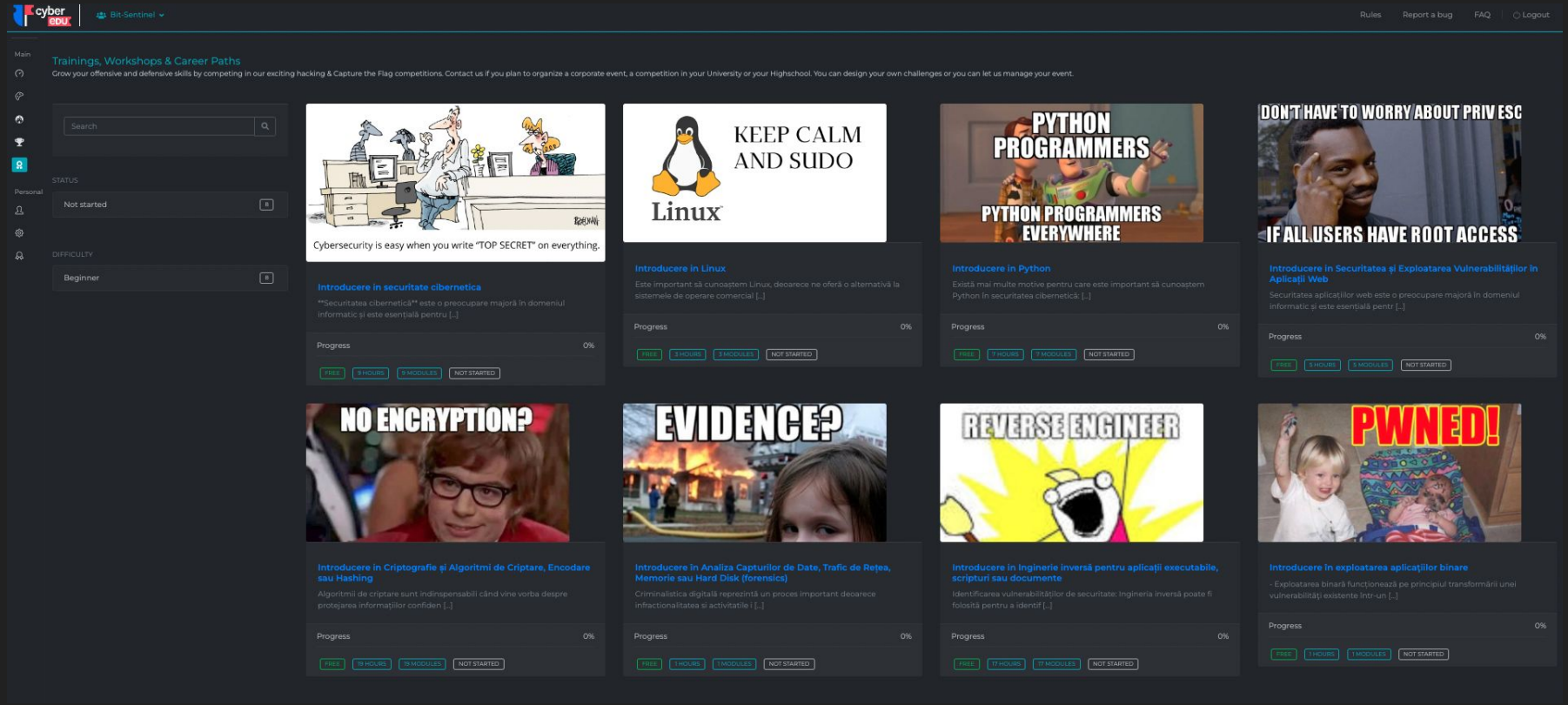
User view of the OWASP skills taxonomy



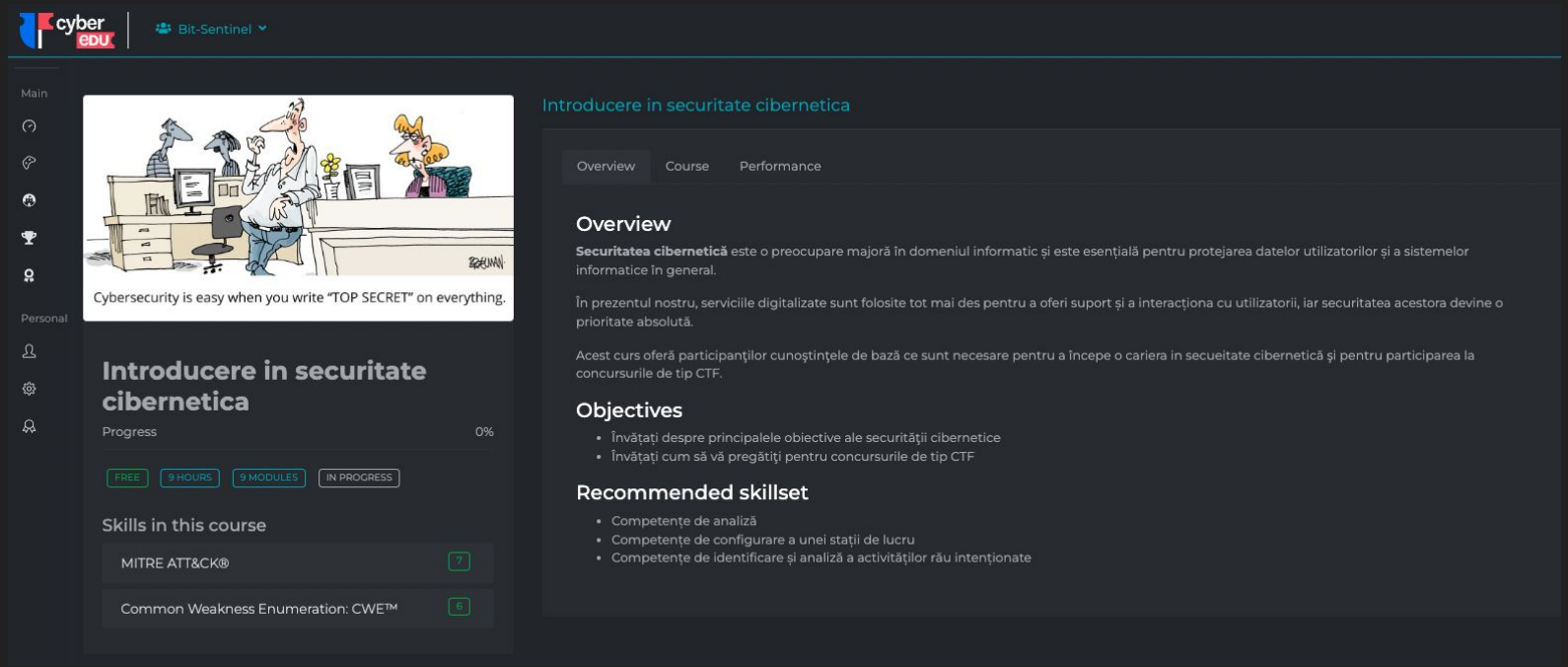
Organize exams, events and competitions



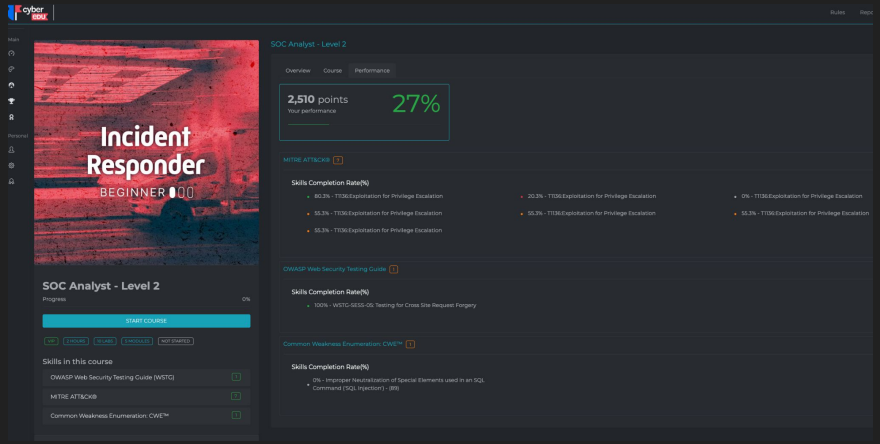
Host hands-on trainings

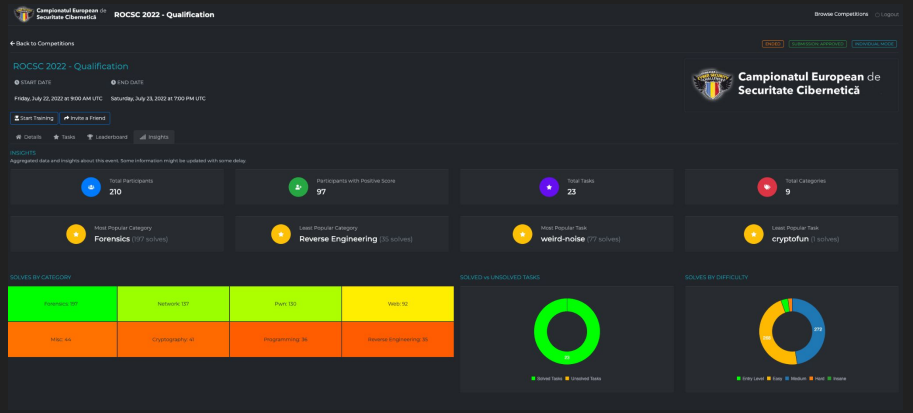


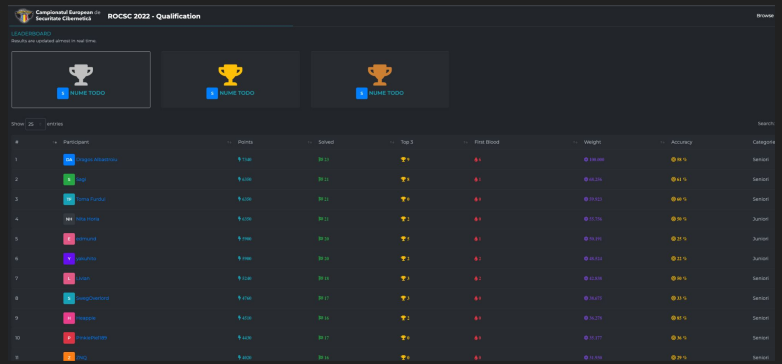
Training example

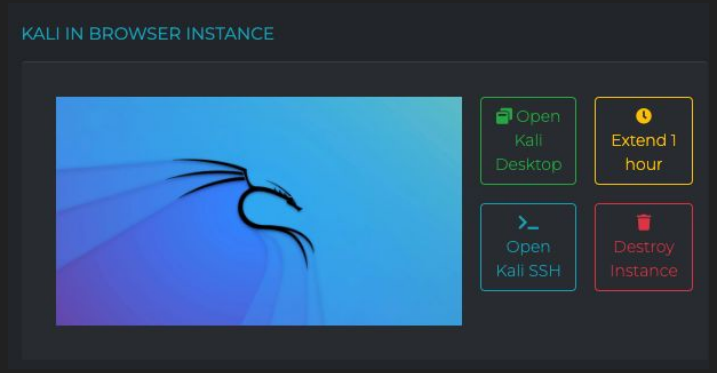


Track students performance









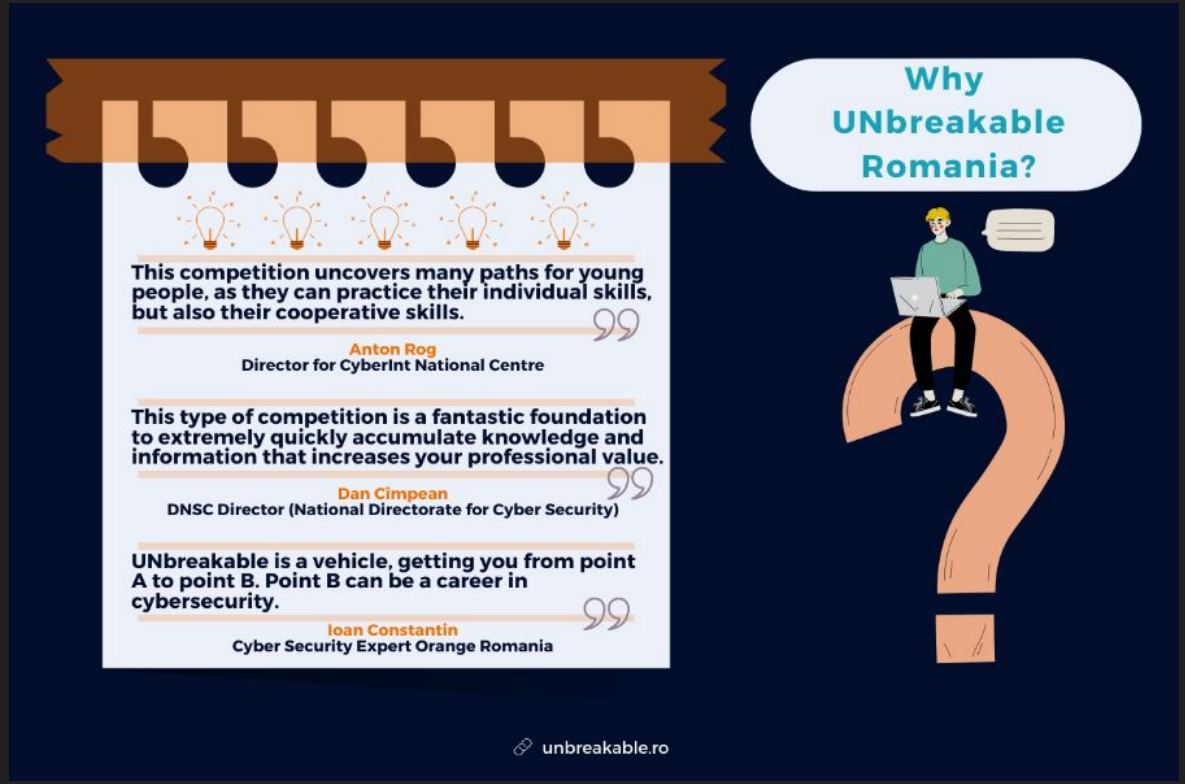
USE CASE - Develop a national program for students

UNbreakable Romania

_the end-to-end cybersecurity educational program for high schools and university students from Romania.

Through its activities, UNbreakable provides an x-ray and visualisation of the level of cybersecurity skills nationally.

Inspired by: the US The National Cyber League



Source: unbreakable.ro/UNR-2021-S2-RO.pdf

What we are looking for?

- Strategic partnerships
- Reselling partners (Europe, Middle East)

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