

## CYBERSECURITY - DETAILS

### Subtitle: "Cybersecurity in E-commerce: Combatting Fake Online Stores"

**Description:** The rise of e-commerce has revolutionized the way we shop, but it has also opened the door to a growing number of cybersecurity threats. One of the most pressing challenges in this area is the proliferation of fake online stores. These fraudulent websites deceive customers by mimicking legitimate e-commerce platforms, resulting in financial losses, stolen personal data, and damaged trust in online shopping.

The goal of this challenge is to create a solution that enhances cybersecurity in e-commerce by detecting, preventing, or mitigating the risks posed by fake online stores. Your task is to design and develop a tool, platform, or system that addresses one or more of the following key areas:

- **Detection of Fake Stores:** Build a system that can identify fake online shops through analysis of website content, metadata, or suspicious patterns such as newly registered domains, unusual payment methods, or fake reviews.
- **Protection for Customers:** Develop tools that protect consumers from interacting with fake stores. This could include browser plugins, warning systems, a service that allows you to paste URI to test the store or real-time alerts that notify users of potential scam.
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#### Important Details:

- **Prize:** The total prize for this category is 4,500 PLN.
- **No Coding Required:** You can submit just ideas, presentations, or any other form of a project you choose! Feel free to be creative and showcase your solution in a way that best demonstrates its effectiveness.
- **Using Existing Resources:** You are allowed to utilize existing repositories, materials, or other resources in your project, as long as you properly cite them.

**Submission Requirements:** The task submitted for evaluation must include the following:

- **Project Title**
- **Team Name**
- **Team Members**
- **Project Description**
- **A maximum of 10-slide PDF presentation**

The task submitted for evaluation may also include:

- Snapshots
- Code repository
- Demo links
- Graphic materials
- Other materials related to the project

All submissions should be uploaded to the Challenge Rocket platform and may be in either Polish or English.

**Judging Criteria:**

**1. Idea & Innovation:**

- How original and innovative is the concept? Does the project offer a new or significantly improved solution to combat fake online stores? The most innovative projects will push the boundaries of cybersecurity in e-commerce.

**2. Relation to the Task:**

- How well does the project address the challenges specific to e-commerce and fake online stores? The solution should directly tackle issues like fraud detection, customer protection, or merchant verification.

**3. Practical Applicability / Usability:**

- How practical is the solution for real-world use? Can it be implemented by e-commerce platforms, customers, or cybersecurity experts? Projects with clear, real-world value will score higher.

**4. Design:**

- Is the solution user-friendly and easy to understand? A well-designed tool or platform should be intuitive and accessible for a wide audience, including non-technical users.

**5. Completeness & Implementation Value:**

- How complete is the project? Whether it's just an idea or a fully functioning prototype, the submission should clearly demonstrate its potential for impact. More detailed, executable projects will score higher.