

CyberSuite Hackathon Challenge: Phishing Detection Training

Challenge Title: *Phishing Detection Training*

Challenge Context and Purpose:

Phishing Email Detection Training is a gamified cybersecurity training platform designed to perform dynamic phishing email detection assessment and orchestrate security awareness functions in real time. Its main purpose is to help SMEs and security teams evaluate their susceptibility to phishing attacks, validate their threat detection capabilities, and enforce automated learning progressions directly in their cybersecurity training environment.

During the hackathon, participants will engage in a challenge centered around phishing email detection, presented in a hackathon format. They will register, compete in a timed session, and review their results and leaderboards within a 20-minute timeframe. This rapid and actionable feedback aims to enhance the cybersecurity capabilities of small and medium-sized enterprises.

Goals of the Challenge:

- Validate Real-world Relevance: Ensure the challenge reflects realistic SME phishing scenarios
- Rapid Onboarding: Confirm participants can register and join a challenge within minutes
- Usability Under Time Pressure: Assess clarity, responsiveness, and ease-of-use during a timed session
- Fairness and Transparency: Verify scoring, result presentation, and leaderboard clarity
- Collaboration & Feedback: Capture insights from diverse roles (security, dev, SME) for immediate improvements
- Recognition & Motivation: Confirm that certificates and recognition boost participant engagement

Key Tasks for Participants:

Phase 1: Registration and Setup (3 minutes)

- Register a new user account on the platform
- Navigate to the challenge section and locate the active marathon challenge
- Register for the challenge and understand the rules and format
- Test the user interface and initial platform responsiveness

Phase 2: Live Marathon Challenge (10 minutes)

- Participate in the timed phishing email detection challenge
- Test email classification under competitive pressure
- Experience real-time scoring and feedback mechanisms
- Observe platform performance during concurrent user participation

Phase 3: Results and Analysis (3 minutes)

- Review personal challenge results and performance metrics
- Examine leaderboard positioning and comparative rankings
- Test result presentation clarity and leaderboard functionality
- Navigate through any badge or achievement notifications

Phase 4: Feedback Collection (4 minutes)

- Participate in live Q&A session about the experience
- Complete structured feedback form covering usability and engagement
- Provide immediate suggestions for platform improvements
- Share observations about competitive elements and motivation factors

Feedback and Evaluation Requirements: *Describe the feedback participants are expected to provide.*

Participants will provide immediate feedback through:

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Live Q&A Session (During Phase 4):

- Share first impressions of the platform and challenge experience
- Discuss any technical issues or usability concerns encountered
- Comment on the competitive aspects and motivation factors
- Suggest immediate improvements or feature enhancements

Online feedback form: [Google Form](#)

Resources and Tools Provided: *List any tools, documentation, datasets, or other resources participants will need to effectively test and evaluate the solution.*

Platform Access:

- Link to the platform: <https://pdtb.montimage.eu>
- Link to the Challenge: <https://pdtb.montimage.eu/challenges/Q2Ydwd1D0f27CthA98Ab>
- Live Demo Environment: [Phishing Detection Training Platform](#)
- Pre-configured Marathon Challenge: Active challenge ready for immediate participation
- Real-time Technical Support: Available throughout the 30-minute session

Documentation and Support:

- Quick Start Guide: Essential platform navigation instructions provided at start
- Challenge Rules: Clear explanation of scoring and competition mechanics
- Technical Support: Live assistance for any registration or platform issues
- Video guide:
<https://www.youtube.com/watch?v=HtBmb42JslQ&list=PLVYNqtl4p3e0pUQ5p38uW0PynTLphSSNG&index=5>

Pre-configured Resources:

- Challenge Content: Curated phishing and legitimate email samples ready for the marathon
- Leaderboard System: Live ranking system for real-time competition tracking
- Automated Scoring: AI-powered feedback and performance evaluation

Participant Benefits:

- ✓ Realistic cybersecurity challenges
- ✓ Collaboration with peers & experts
- ✓ Access to cutting-edge tools
- ✓ Certificate of Participation (issued upon completion)
- ✓ Networking & recognition opportunities

Estimated Time Requirement: *Provide an estimated amount of time participants will need to complete the challenge (e.g., hours, days).*

Total: 20 minutes - Live, structured session

Contact Point :

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