CTF Competition Website

Created by :

Abdalhameed Aldaradkeh

Omar Waggad

Supervised by :

Prof.Iman Almomani

Problem Statement

As cybersecurity students and enthusiasts, we rely on various websites like HackTheBox (HTB), PicoCTF, and others to practice and hone our skills. While these platforms offer valuable resources and challenges tailored to different skill levels, they often fall short in providing a holistic and cohesive experience.

Key challenges include:

- **Fragmented Features:** Each platform excels in specific areas but lacks comprehensive coverage of all necessary skills.

- **User Experience Gaps:** Interfaces and user journeys can sometimes feel unintuitive or not fully tailored to individual learning paths.

- **Limited Interactivity and Engagement:** Many platforms do not prioritize gamified learning experiences or community-driven content creation.

- **Inconsistent Skill Progression:** A lack of well-structured pathways for progressing from beginner to expert-level challenges.

- **Customization Shortcomings:** Limited ability to create, share, and interact with custom challenges for peer learning.

To address these gaps and help students and enthusiasts unlock their full potential, we envision a solution that integrates the best aspects of existing platforms while adding unique and innovative features.

Overview

Given the challenges outlined in the problem statement, our team, as cybersecurity enthusiasts ourselves, has a unique perspective on the needs and pain points of learners in this domain. Leveraging this insider understanding, we aim to create a platform that addresses these issues and becomes the go-to resource for CTF competitions and cybersecurity training for all skill levels, from newcomers to seasoned professionals.

Our Vision

To create a **comprehensive, intuitive, and engaging platform** that:

1. **Combines the Best Features:** Merges the advantages of popular platforms like HTB, PicoCTF, and others.

2. **Enhances Learning:** Provides a structured progression system with tailored paths for different user personas (students, hobbyists, professionals).

3. **Fosters Collaboration:** Encourages community-driven content creation, allowing users to design, share, and solve custom challenges.

4. **Improves Accessibility:** Offers an inclusive learning environment with challenges catering to various skill levels, ensuring no one is left behind.

Why This Platform?

Unlike other CTF platforms, our solution is built by cybersecurity enthusiasts for enthusiasts. We are creating a platform that solves real-world problems experienced by learners and practitioners. By combining the best of existing platforms and incorporating innovative features, we aim to redefine how cybersecurity training is approached and delivered.

Teasers

Difficulty

All

Easy

Medium

Hard

Categories

All

Cryptography

Forensics

Web

Subcategories

All

RSA

Steganography

SQL

Crypto Challenge

Medium   Cryptography

Author: Alice

Forensics Task

Easy   Forensics

Author: Bob

Web Exploit

Hard   Web

Author: Eve