

TAR UMT International Hackathon 2024



Unleashing Innovation, Forging Trust:
Hack the Code, Secure the Future



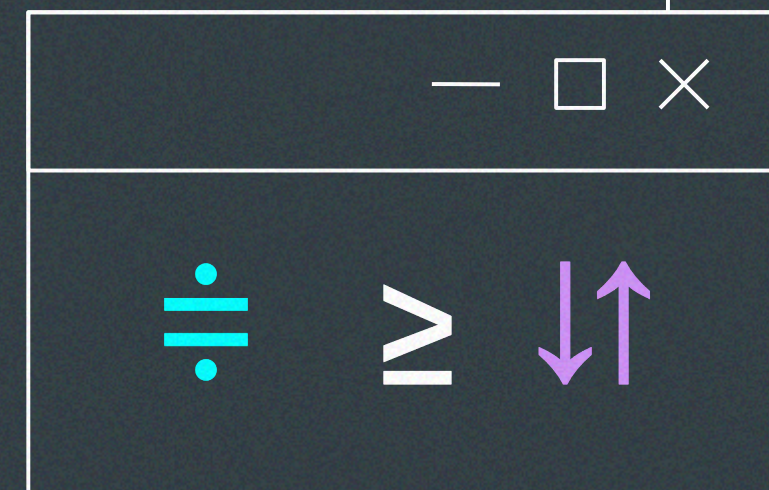
Introduction

CNSS at TARUMT aims to inspire students to create innovative solutions for modern network security challenges. Participants are encouraged to explore new methods for securing data transmission, protecting network infrastructure, and strengthening cyber security.

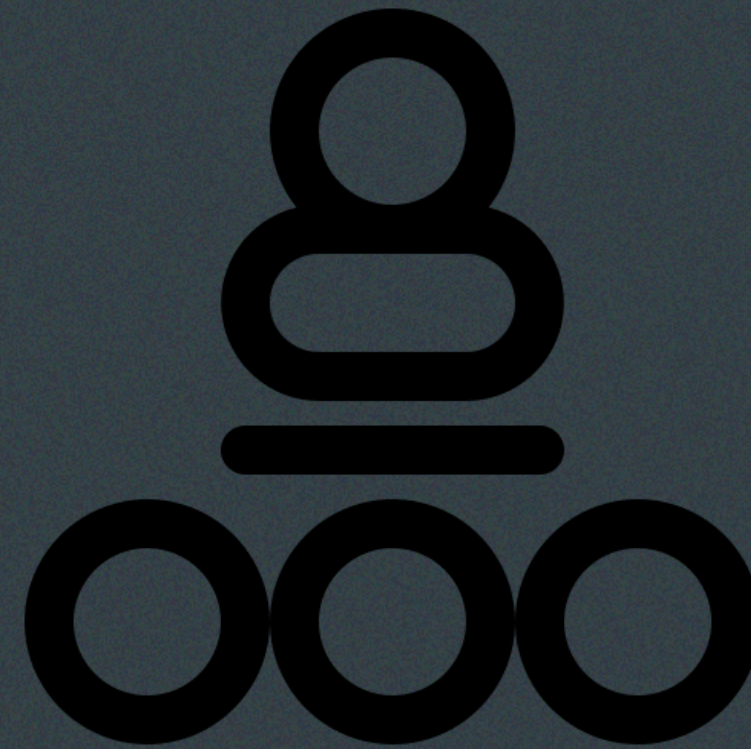


Objectives

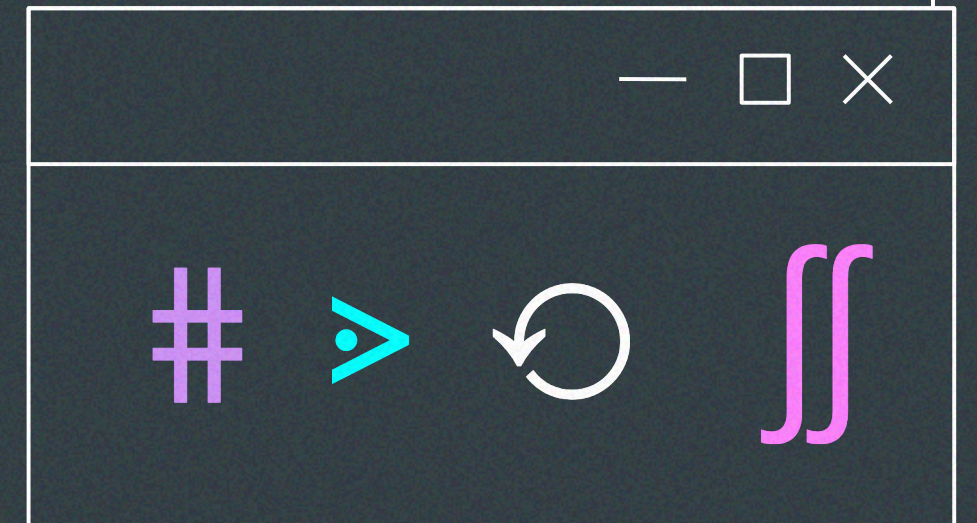
1. Explore innovative approaches to enhance data protection, secure networks, and bolster cyber security.
2. Foster critical thinking and understanding of network security to effectively address risks.
3. Network with industry professionals, experts, mentors, and judges for insights on current security trends.

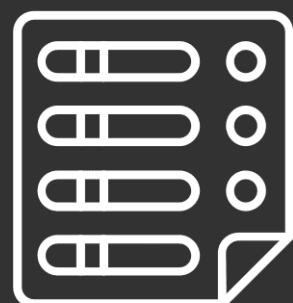


Who Can Join



- Open to all undergraduate students in diploma or degree programs.
- Inclusive of both local and private institutions.





Hackathon Topic

Data Leaking



Problem Statement



Insider threats make preventing unauthorized data disclosures challenging

Real-time detection of data leaks across various digital platforms

Encryption vulnerabilities put valuable data assets at risk

Social engineering attacks lead to inadvertent disclosure of confidential information



Your Task

Develop innovative solutions to prevent data leakage in digital platforms across various domains, including but not limited to:

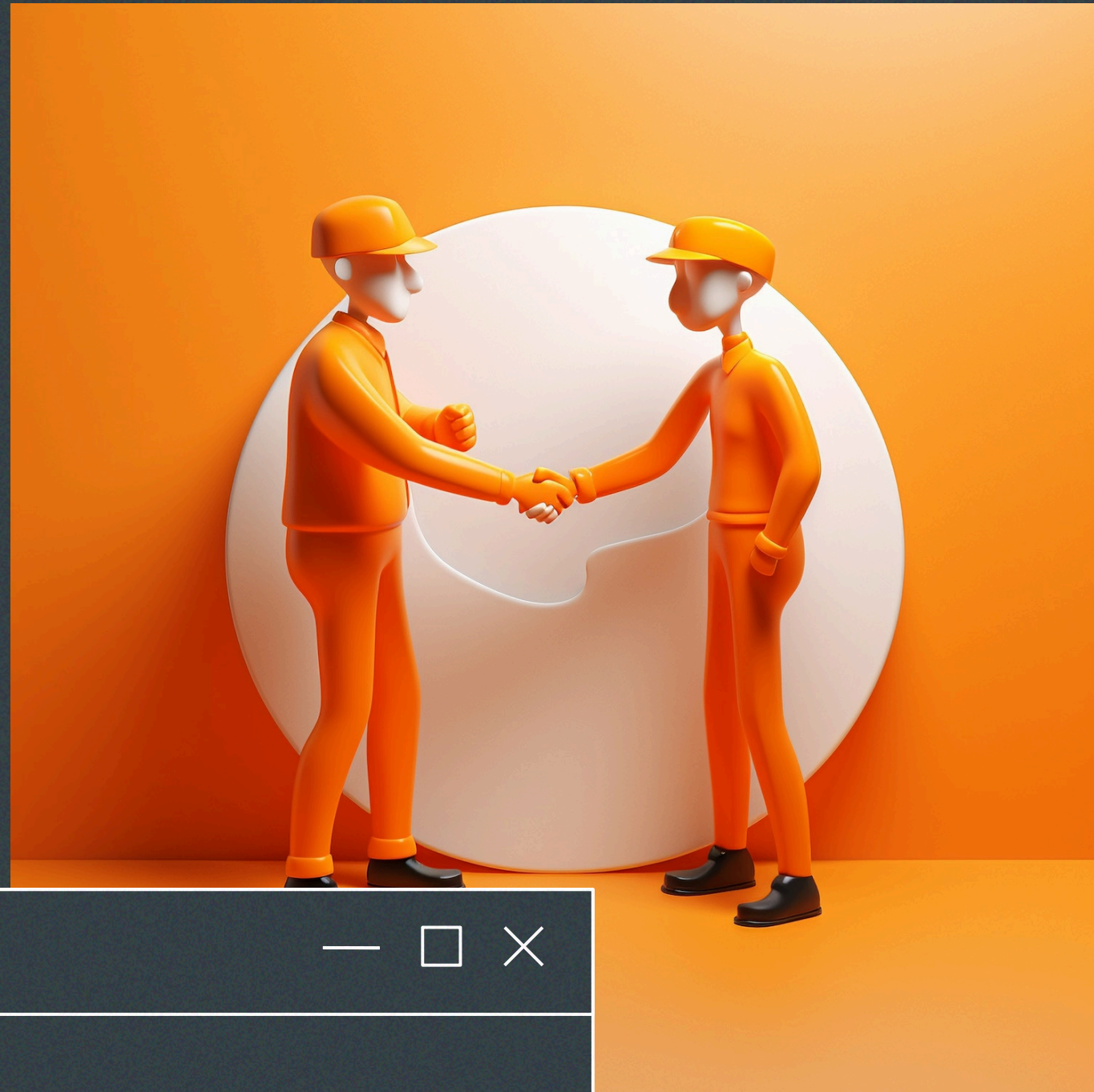
Social Media Platform

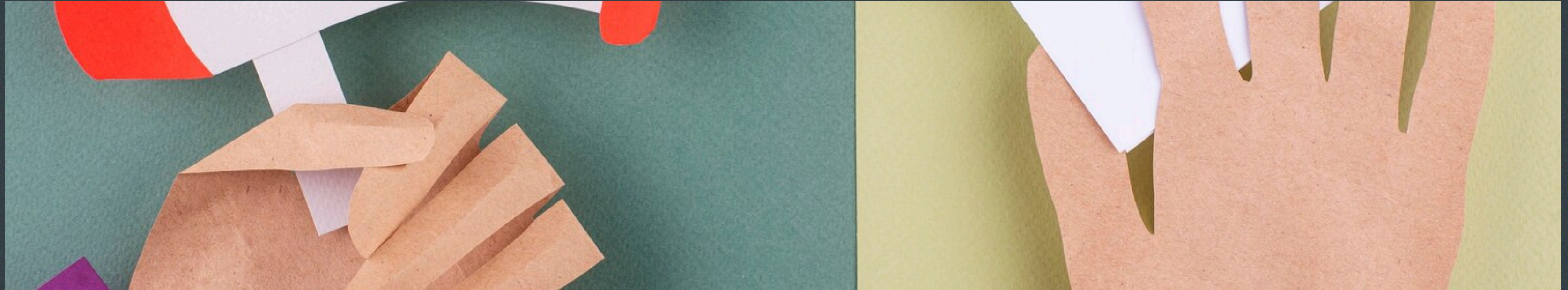
E-Commerece Websites

Financial Institutions

Healthcare Systems

Transportation





Suggested Solutions

Detect: Create ways to find data leaks in real-time or through regular checks.

Prevent: Come up with ways to stop data leaks using encryption, access controls, or data masking.

Lessen Impact: Develop ways to reduce the harm caused by data leaks, including quick response plans and communication strategies.



Follow Rules: Make sure your solution follows data privacy and security laws like GDPR, HIPAA, or PCI DSS.

Grow: Design your solution so it can handle different amounts of data and work on various digital platforms.

Open
Registration
(25 March - 8 April)

Kick-Off
Session
(9 April)

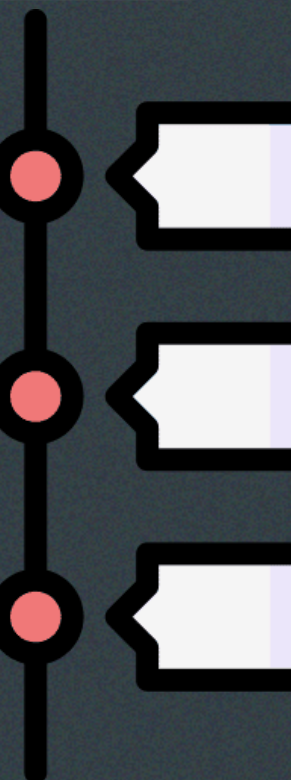
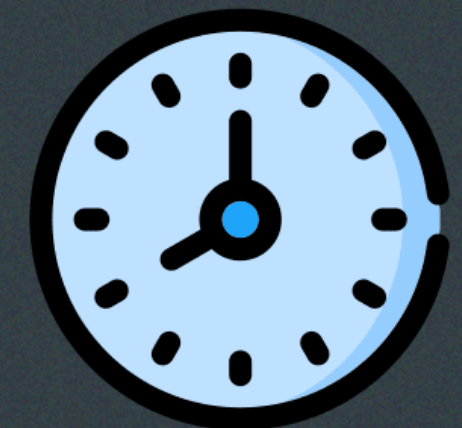
Preliminary
Round
(9 April - 5 May)

Final Preparation
(17 May - 23 May)

Finalist
Announcement
(17 May)

Judging Period
(6 May - 16 May)

Pitch Deck Session & Closing
Ceremony
(24 May)





Final Round



The announcement regarding the finalists will be made by May 17. Finalists will have until May 23 to prepare. On May 24, 2024, finalists must physically attend the final pitch desk session at the Project Exhibition TAR UMT Auditorium.



How Winners Will Be Chosen



Idea & Concept

Innovation & Creativity

Functionality & Usability

Technical Execution

Presentation & Communication

Market Potential & Scalability

Adherence to Theme

Time Management

Quality of Work



Conclusion

Thank you for being part of the *TAR UMT International Hackathon 2024*. Let's continue to innovate, collaborate, and drive positive change in the world of technology and beyond.



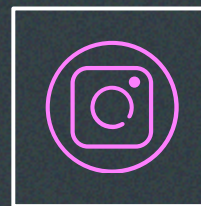
SEE YOU IN THE 
COMPETITION !



CnssTarumt



TAR UMT International
Hackathon



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Do you have any question ?

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