



RULES & REGULATIONS

Please carefully review the following rules and regulations before participating in our event. All participants are expected to comply with the following regulations to ensure a fair and competitive setting for everyone involved. By participating in this event, you agree to abide by these rules and regulations.

Nexentia.lk

ZENTHACK | CYBER SECURITY AND ETHICAL HACKING QUIZ

OVERVIEW

ZENTHACK IS A CYBERSECURITY AND ETHICAL HACKING COMPETITION DESIGNED TO SIMULATE REAL-WORLD DIGITAL THREATS THROUGH AN INTENSE, KNOWLEDGE-DRIVEN CHALLENGE. PARTICIPANTS WILL TAKE PART IN THE CYBER DEFENSE & ETHICAL RECOVERY QUIZ CHALLENGE – A MULTI-STAGE QUIZ THAT TESTS ADVANCED CYBERSECURITY CONCEPTS, ETHICAL HACKING TECHNIQUES, AND INCIDENT RESPONSE STRATEGIES.

THIS COMPETITION PROMOTES ETHICAL AWARENESS, TECHNICAL EXCELLENCE, AND SHARP DECISION-MAKING UNDER PRESSURE, ENCOURAGING PARTICIPANTS TO DEMONSTRATE BOTH THEORETICAL KNOWLEDGE AND REAL-WORLD THINKING IN DIGITAL DEFENSE.

ELIGIBILITY

- THIS COMPETITION IS FOR INDIVIDUALS ONLY.
- NO LIMITATION IS ADDED TO THE NUMBER OF CONTESTANTS PARTICIPATING FROM A SCHOOL..
- THE COMPETITION IS OPEN FOR ANY CATEGORY. ALL CONTESTANTS STUDYING IN GRADE 6-13 ARE ELIGIBLE TO PARTICIPATE.
- ONLY ONE SUBMISSION IS ACCEPTED FROM EACH CONTESTANT.

COMPETITON FORMAT

CYBER SECURITY & ETHICAL HACKING QUIZ CHAIN.

- A 2-STAGE QUIZ COMPETITION:

ROUND 1 – PRELIMINARY (ONLINE):

20 MCQS | 7 MINUTES | REAL-TIME SCORING

ROUND 2 – FINAL (ONLINE):

20 MCQS | REDUCED TIME LIMIT

- QUIZ CONTENT FOCUSES ON ETHICAL HACKING, CYBERSECURITY FUNDAMENTALS, AND SAFE DIGITAL PRACTICES.

INSTRUCTIONS

- ONLY ONE ATTEMPT IS ALLOWED PER ROUND.
- DO NOT CLOSE OR REFRESH THE QUIZ WINDOW.
- EACH QUESTION MUST BE ANSWERED BEFORE MOVING FORWARD.
- ONLINE ROUNDS MAY REQUIRE CAMERA/MIC USAGE.

DISQUALIFICATION CRITERIA

- USE OF AI OR SEARCH ENGINES DURING COMPETITION.
- SUBMITTING MULTIPLE ENTRIES OR COPIED WORK.
- PLAGIARIZED OR AUTO-GENERATED CONTENT.
- FAILURE TO FOLLOW FORMAT, RULES, OR TIME LIMITS.
- DISRUPTIVE OR UNETHICAL BEHAVIOR.

TIME MANAGEMENT

- TIME ALLOCATION : EACH QUESTION WILL HAVE A SET TIME LIMIT. TEAMS MUST SUBMIT THEIR ANSWERS WITHIN THE GIVEN TIME FRAME.
- LATE SUBMISSIONS : LATE ANSWERS WILL NOT BE CONSIDERED.

EQUIPMENT AND TECHNICAL REQUIREMENTS

- PERSONAL LAPTOP OR DEVICE CAPABLE OF RUNNING SECURITY TOOLS.
- PRE-INSTALLED WITH APPROVED SOFTWARE.
- NO INTERNET ACCESS UNLESS SPECIFICALLY ALLOWED.

CONCLUSION

CYBERQUEST PROVIDES AN ENGAGING AND EDUCATIONAL PLATFORM TO TEST PARTICIPANTS' KNOWLEDGE OF CYBERSECURITY, ETHICAL HACKING, AND SAFE DIGITAL PRACTICES. WITH A 10-QUESTION CHAIN, REAL-TIME FEEDBACK, AND INSTANT SCORING, THE QUIZ REINFORCES KEY CONCEPTS WHILE PROMOTING ETHICAL AWARENESS IN THE DIGITAL WORLD.

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ZENTHACK | SECURITY TOOL DESIGNING RULES AND REGULATIONS

OVERVIEW

ZENTHACK ALSO FEATURES A SECURITY TOOL DESIGNING CHALLENGE, WHERE PARTICIPANTS MUST CONCEPTUALIZE AND DEVELOP INNOVATIVE TOOLS TO COMBAT REAL-WORLD CYBER THREATS. THIS EVENT FOCUSES ON BUILDING PRACTICAL SOLUTIONS THAT ENHANCE DIGITAL SECURITY THROUGH CREATIVITY, TECHNICAL PRECISION, AND ETHICAL INTENT.

COMPETITORS WILL DEMONSTRATE SECURE CODING PRACTICES, USABILITY DESIGN, AND PROACTIVE DEFENSE STRATEGIES, REFLECTING DEEP UNDERSTANDING OF CYBERSECURITY PRINCIPLES AND REAL-TIME THREAT MITIGATION.

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- THE COMPETITION IS OPEN FOR ANY CATEGORY. ALL CONTESTANTS STUDYING IN GRADE 6-13 ARE ELIGIBLE TO PARTICIPATE.
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COMPETITON FORMAT

CYBER DEFENSE & ETHICAL RECOVERY CHALLENGE

- PARTICIPANTS WILL FACE A TWO-PART SCENARIO:
 1. CYBER DEFENSE TASK – IMPLEMENT SECURE CODING AND SYSTEM-HARDENING MEASURES TO PREVENT SIMULATED ATTACKS (E.G., SQL INJECTIONS, UNAUTHORIZED ACCESS).
 2. ETHICAL RECOVERY TASK – ANALYZE SYSTEM LOGS, IDENTIFY BREACH VECTORS, AND RESTORE DATA USING ETHICAL RECOVERY TECHNIQUES.
- PARTICIPANTS MUST SUBMIT CODE FILES AND RECOVERY DOCUMENTATION AS PART OF THE SOLUTION.

INSTRUCTIONS

- USE ONLY APPROVED TOOLS AND LANGUAGES:
PROGRAMMING: PYTHON, C++, JAVASCRIPT, SQL.
CYBER TOOLS: WIRESHARK, NMAP, BURP SUITE, KALI LINUX.
ONLY PRE-APPROVED SOFTWARE MAY BE USED.
- AI TOOLS ARE STRICTLY PROHIBITED.
- PARTICIPANTS MUST FOLLOW ALL TIME LIMITS AND SCENARIO INSTRUCTIONS.

DISQUALIFICATION CRITERIA

- USE OF AI OR SEARCH ENGINES DURING COMPETITION.
- SUBMITTING MULTIPLE ENTRIES OR COPIED WORK.
- PLAGIARIZED OR AUTO-GENERATED CONTENT.
- FAILURE TO FOLLOW FORMAT, RULES, OR TIME LIMITS.
- DISRUPTIVE OR UNETHICAL BEHAVIOR.

EQUIPMENT AND TECHNICAL REQUIREMENTS

- PERSONAL LAPTOP OR DEVICE CAPABLE OF RUNNING SECURITY TOOLS.
- PRE-INSTALLED WITH APPROVED SOFTWARE.
- NO INTERNET ACCESS UNLESS SPECIFICALLY ALLOWED.

CONCLUSION

CYBERQUEST PROVIDES AN ENGAGING AND EDUCATIONAL PLATFORM TO TEST PARTICIPANTS' KNOWLEDGE OF CYBERSECURITY, ETHICAL HACKING, AND SAFE DIGITAL PRACTICES. WITH A 10-QUESTION CHAIN, REAL-TIME FEEDBACK, AND INSTANT SCORING, THE QUIZ REINFORCES KEY CONCEPTS WHILE PROMOTING ETHICAL AWARENESS IN THE DIGITAL WORLD.

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