

THE MINDSCAPE RULEBOOK

ROUND 1: TECH QUIZ

ROUND 2: WEB DEVELOPMENT

ROUND 3: AI & DATA SCIENCE

ROUND 4: COMPETITIVE PROGRAMMING

Round 1: Tech Quiz



(Elimination Round)

 **Mode:** Offline

 **Duration:** 1 Hour

 **Questions:** 30

Description:

A knowledge-based quiz covering Web Development, AI & Data Science, and Competitive Programming. This round serves as the elimination stage.

Objective:

To assess technical knowledge and shortlist the top 10–20 teams for the next rounds.

Structure:

-  Instructions: 5 minutes
-  Quiz: 50 minutes
-  Submission: 5 minutes

Evaluation:

-  Correct answers
-  Time management
-  Accuracy

 **Rules:**

-  Only registered team members allowed
-  No mobile phones or external help
-  No discussion between teams
-  Late submissions not allowed
-  Coordinator's decision is final

Round 2: Debug Sprint (Web Development Domain)

 **Mode:** Offline |

 **Duration:** 1 Hour 30 Minutes |

 **Team Size:** 3

Description:

A fast-paced debugging challenge where teams fix a pre-built website filled with UI/UX, CSS, JavaScript, and responsiveness issues.

Objective:

To evaluate debugging skills, frontend knowledge, and problem-solving under time constraints.

Task Includes:

-  Fix UI/UX and CSS issues
-  Resolve JavaScript bugs and console errors
-  Improve responsiveness
-  Clean and optimize code

Deliverables:

- Fully working, responsive webpage
- Clean HTML, CSS, and JavaScript files



Rules:

- Teams must work only on the provided website
- No external templates, themes, frameworks, or AI tools allowed
- Internet usage permitted only for documentation/reference
- No collaboration or code sharing between teams
- Critical bugs or broken interactions will reduce scores
- Website must be fully responsive across screen sizes
- Judges' and coordinators' decisions are final
- Rule violations may lead to penalties or disqualification



Requirements:

- Participants must carry personal laptops
- VS Code or any preferred code editor
- Project files will be shared via Google Drive

Round 3: AI Innovation Challenge



Mode: Offline |

Duration: 1 Hour 30 Minutes |

Team Size: 3

Objective:

To encourage creativity, rapid prototyping, and smart problem-solving by building an innovative AI-based solution under given constraints.

Structure:

- Each team randomly picks one chit from each of three boxes:
 - Tool Box
 - Constraint Box
 - Domain Box
- The selected constraints must be strictly followed and cannot be changed.

Rules:

- AI tools are allowed for development
- Pre-built or existing solutions are not allowed
- Internet permitted only for development and reference
- Coordinator's decision will be final

Round 4: Progressive Competitive Programming

(Offline)



Mode: Offline |

Duration: 1 Hour 30 Minutes - 2 Hour|

Team Size: 3

Objective:

To evaluate participants' logical thinking, problem-solving skills, and persistence through a level-based competitive programming challenge conducted entirely offline, with increasing difficulty at each stage.

Structure:

- The contest consists of multiple progressive levels
- Each level is provided as a password-protected ZIP file
- Each ZIP contains one problem statement
- A correct solution generates an output used to unlock the next level (via predefined logic such as hashing/encoding)
- Levels must be solved sequentially; skipping is not allowed

 **Rules:**

- Total Time: 1.5–2 hours, adjustable based on number of levels
- The contest has multiple levels, each in a password-protected ZIP file
- Each ZIP contains one problem statement
- A correct solution generates the password for the next level using a predefined method
- Levels must be solved in order; skipping is not allowed
- All problems are solved offline; no internet access permitted
- No online judges or external platforms will be used
- Difficulty increases with each level
- The coordinators' decision is final

Get ready to explore ideas, test your skills, and compete for the ultimate title of Mindscape ! 