

INNOVATEX 4.0 — Presidency University

Standard Rule Book

Field	Details
Event Name	The Ticket Queue – The Ultimate Debugging Challenge
Cluster	Software: Debugging Challenge
Event Type	Multi-Round Debugging & Reasoning Challenge
Mode	Offline (Proposed Venue: Yoga Hall / M Block)
Team Size	Team of 2
Duration	6 Hours

■ Event Task / Objective

- 1 To cultivate advanced logical thinking and debugging proficiency.
- 2 To simulate real-world ticket-based software failure resolution systems.
- 3 To test participants' ability to analyze, diagnose, and reconstruct faulty programs.
- 4 To emphasize structured reasoning and algorithmic clarity over speed alone.

Design | Technical Specifications

- Environment: Teams will use designated systems/laptops and browser-based debugging platforms.
- Programming Languages Allowed: C / C++ / Java / Python (as specified per round).
- Internet Access: Restricted to event platform unless otherwise specified.
- Evaluation Platform: Live leaderboard for Round 2 challenges.

General Guidelines

- 1 Participation: Teams of 2 only. Both members must be registered before event start.
- 2 Resources: Only permitted IDEs, compilers, and browsers may be used.
- 3 Execution: Participants must strictly follow instructions of each round.
- 4 Submission: Code and algorithm explanations must be submitted within allotted time.
- 5 Timeline: 9:00 AM – 4:00 PM. Late submissions attract penalties.

Safety Rules

- 1 Any form of misconduct, hacking attempts, or unfair practice leads to immediate disqualification.
- 2 Code sharing between teams is strictly prohibited.
- 3 Participants must operate only within the assigned systems and environment.
- 4 Respect judges, volunteers, and fellow participants at all times.

Event Rounds / Structure

Round	Description	Duration
Round 1: Raised Ticket – Blindfold Logic	One team member (Coder) writes a given program under screen blackout conditions without visual feedback. After completion, the second member (Debugger) analyzes, identifies errors, and fixes the code to produce correct output.	2 Hours
Round 2: Chasing Tickets – Debug Treasure Hunt	Teams participate in a browser-based progressive debugging challenge. Each corrected code reveals a clue, token, or link to the next level. A live leaderboard tracks team progress and ranking.	2 Hours
Round 3: Closing Tickets – Algorithm Reconstruction	Teams analyze a flawed code snippet along with input-output samples. They must identify the underlying algorithm and propose a corrected solution using pseudocode, flowcharts, or structured explanation.	2 Hours

Scoring & Judging Criteria

Parameter	Weightage	Max Points
Logical Accuracy & Debugging Strategy	30%	30
Algorithm Identification & Reconstruction	25%	25
Code Comprehension & Error Detection	20%	20

Time Efficiency	15%	15
Clarity of Explanation	10%	10
Total	100%	100

Penalties & Disqualifications

Violation	Penalty
Late Submission	-10 Points
Code Sharing / Plagiarism	Immediate Disqualification
Use of Unauthorized Tools	-20 Points
Misconduct / Ethical Violation	Permanent Ban

Awards & Recognition

Category	Prize	Remarks
1st Prize	■10,000	Winner
2nd Prize	■8,000	Runner-up
3rd Prize	■5,000	Technical Excellence

Event Team

Role	Name	Department	Contact
Faculty Coordinator	Jatin – AP Grade 1	SOIS	8077800951
Event Head (Student)	Chaitra	MCA	+91 9902992662

General Instructions

- Follow all university and Innovatex policies.
- Maintain academic integrity throughout the event.

- Decisions of the judges are final and binding.
- Certificates will be awarded to all valid participants.

Official Note

This Rule Book serves as the official guideline for The Ticket Queue event under INNOVATEX 4.0, Presidency University. Any updates or clarifications will be communicated officially via department notice boards and the official event communication channels.