



International
Blockchain Olympiad



Technohaven
Company Ltd.



BLOCKCHAIN OLYMPIAD BANGLADESH

Guideline & Evaluation Scheme

For

Professional Category

BCOLBD 2023

Evaluation Scheme Professional Category

1. PROPOSAL EVALUATION

A. MANDATORY CRITERIA

MUST PASS ALL FOUR TO PROCEED!

- **i. Whitepaper (0 or 1 point):** the proposal includes a document describing all aspects of the project. The document is limited to 20 pages, excluding Appendices. The font requirements are: type- Times New Roman, size-12 pt., line spacing- single. Contents must be in English (no preference on dialect); non-native users of English may submit a reference whitepaper in another language for clarification, but if complications arise, the English version shall prevail.
- **ii. Poster board (0 or 1 point):** the proposal includes a research poster to showcase at the BCOLBD Finals, 14400×10800 pixels (36×48 inches @ 300 dpi) in landscape (“horizontal”) orientation. Posterboard content may be multilingual, but English must be present. The digital posterboard file may be in PDF format or as a shared Figma file.
- **iii. Presentation (0 or 1 point):** the proposal includes a 10-minute pitch presentation, those content may be multilingual, but English must be one of the languages. Speech must be in English, or if an exception is granted, must be subtitled in English. Presentation files will be presented in 16:9 on either Microsoft PowerPoint or Google Sheets; a PDF backup is recommended. The presentation video must be 10 minutes (600 seconds) and must be in MP4 format. Teams have to add the responsibility of each member in their 1 min intro and Presentation.
- **iv. MVP or Prototype (0 or 1 point):** Each team must develop the prototype of their project. To describe the prototype, teams must submit a 5-minute video demonstrating the backend and frontend running parallelly with a voiceover explaining the activities. The presentation video must be 10 minutes (600 seconds) and must be in MP4 format.



A. GRADED CRITERIA

Projects may be evaluated by a jury of academic, industry, and government experts divided by those with business expertise and technical expertise. The following is a guideline for distributing the point allocations:

CRITERIA	TOTAL
i. Problem & Solution	20
ii. Business Plan	20
iii. MVP or Working Prototype	20
iv. Architecture & Governance	20
v. Market Traction	20
TOTAL	100

Recommended Grading Guidelines:

MAX SCORE	Inadequate	Satisfactory	Good	Very Good	Excellent
20	0-8	9-11	12-14	15-17	18-20

i. Problem & Solution (20 points total): project addresses an appropriate problem properly

- Suggested Evaluation Considerations:
 - The problem is a complex challenge that involves various parties where incentives must be provided for coordination, reconciliation, and so forth.
 - The solution must make sense to use a blockchain, rather than one that is oriented around a conventional cloud solution or database infrastructure.
 - The problem exists due to insufficient trust and the effort to build that trust is an insurmountable obstacle without the use of some technology to help coordinate and reconcile.
 - The solution shows that blockchain can address the problem better than other technologies.

ii. Business Plan (20 points total): project has a viable business case

- Suggested Evaluation Considerations:
 - Business model including capex, opex and revenue streams
 - Overcoming competitive pressures and various risks



- Market size (target and obtainable) and financial projection (revenue, operating profit, breakeven)
- Sponsors of the project

iii. MVP or Working Prototype (20 points): project has a working solution or a prototype

- Suggested Evaluation Considerations:
 - The complete solution including web and mobile front-end and blockchain based backend platform as well as any offchain database platforms necessary.
 - If the complete solution is not ready then at least a working prototype with both front-end and backend components that provide a flavor of the overall solution.

iv. Architecture & Governance (20 points): project has appropriate design fundamentals

- Suggested Evaluation Considerations:
 - Architecture refers to the technical design of the project. Justify why a certain blockchain platform or type of blockchain is preferred. How it interacts with non-blockchain systems, especially legacy processes and systems, technical or otherwise.
 - Governance refers to how the project managed: network membership governance, technology infrastructure governance, and business network governance. Chapter 5 in the Blockchain for Business book by Arun, Cuomo, Gaur perfectly describes this concept.
 - Asset tokenization may fall under this category, which is how non-blockchain ready, or even non-digital “things” are represented faithfully and consistently on the blockchain.
 - Governance Checklist: the following is a reference for good blockchain governance. Many students will be very far from ideal, so if they have a good proportion of these concepts addressed in their paper, that would be great.
 - Network Membership Governance
 - Member on- and off-boarding
 - Equitable and fair cost structure
 - Data ownership structure
 - Regulatory oversight provisioning
 - Permission structure
 - SLA management
 - Network support services
 - Risk optimization
 - Network operations
 - Business Network Governance
 - Network charter and management
 - Common/shared services management
 - Business SLA: QA, performance, network security management



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- Business exchange conditions management
- Industry-specific requirements, legal, regulatory compliance adherence
- Business operations structure
- Technology Infrastructure Governance
 - Distributed IT management structure
 - Model of distributed maintenance
 - Framework for utilizing industry standards
 - Resource optimization
 - Technology assessment and adoption
 - Network deployment
 - Network support services
 - Risk optimization

v. Market Traction (20 points): project has value and has real users

- Suggested Evaluation Considerations:
 - Revenue is about how the project generates value, which may not always be money.
 - Growth of users since launch
 - Projection for next 2 years