



HoloMentorX

Your AI-Powered Mentor for
Qubic Smart Contracts

Team Green




AI-powered Smart Contract Mentor

 Built for: Raise-A-Hackathon

 Track: Qubic

 Technologies Used:

- Qubic Smart Chain (C++)
- Fetch.ai Agents
- Groq + LLaMA (Ultra-fast Inference)
- ASI:One Integration

 **Team Green** – Innovation through collaboration



Problem Statement

Developers can't easily understand or verify smart contracts.

Smart contract bugs = high financial risk.

Existing tools are technical and hard to use.

No mentorship tools exist for beginners on Qubic.



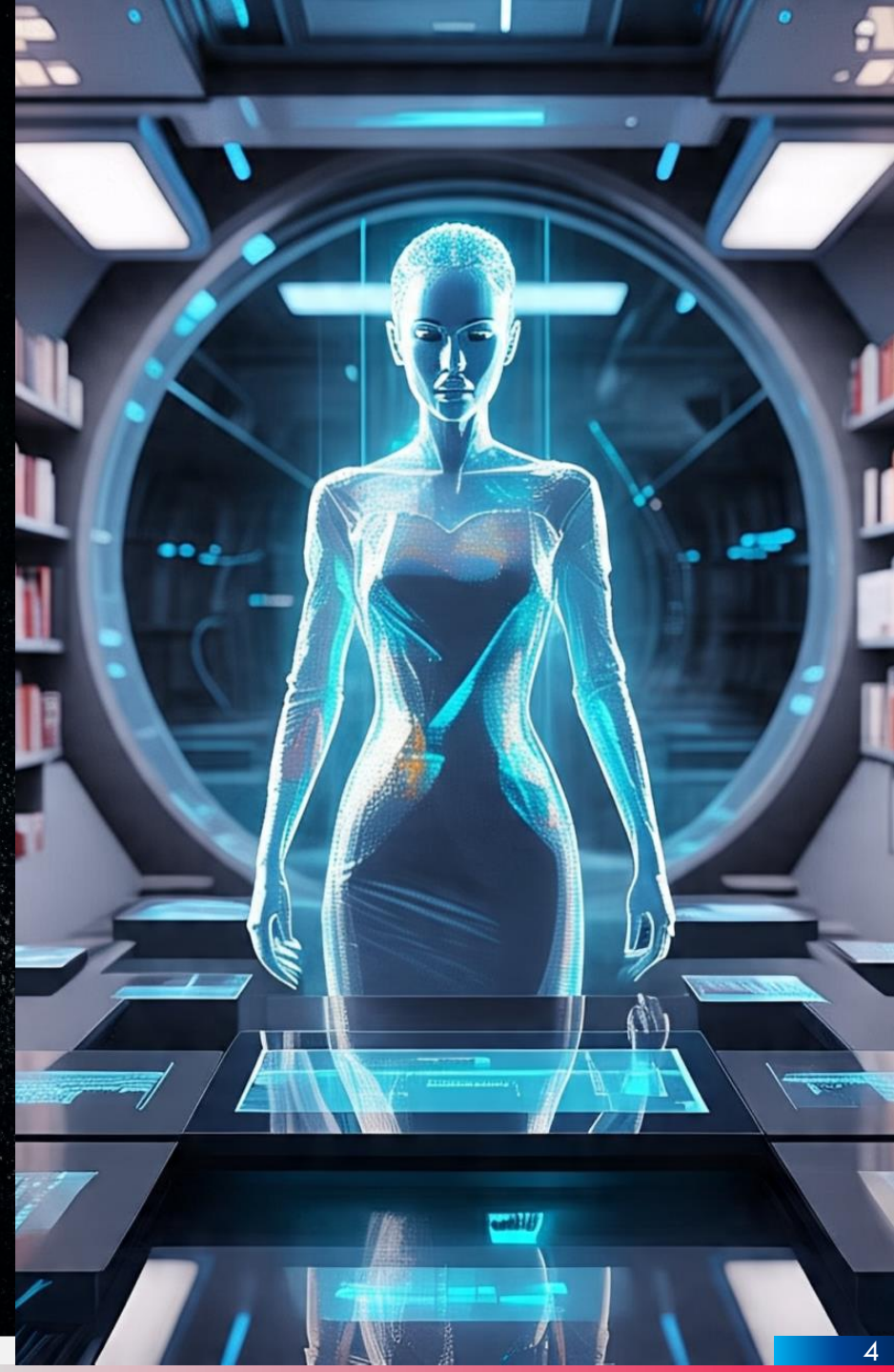
QUBIC CONTRACT

Our Solution – HoloMentorX

Multimodal AI agents explain, audit, and guide smart contracts.

Supports C++ smart contracts on Qubic.

Built with ASI:One mini, Groq (LLaMA 4), and FastAPI.



How It Works

User submits a smart contract.

Backend sends data to AI agents.

Explanation, test and risk agents process contract and then generate results in seconds.

Supports chat.



Key Features

Contract Explanation Agent (plain English)

Audit Agent for bugs and security

Test case generation for smart contract verification

Multichannel support via ASI:One

Natural language Q&A

Fast response via Groq



System Architecture

Frontend: Vite + Tailwind (Holo UI)

Backend: FastAPI + Python

AI Layer: Groq

Smart Contracts: Qubic (C++)

Orchestration: ASI:One





Use Cases

Onboarding developers to Qubic/Web3
AI-assisted debugging of smart contracts
Compliance checks for institutions
Mentorship for smart contract learning



Next Milestones

Live transaction simulator
Complete Audit Agent + risk scoring
Frontend polish and deploy
Full Qubic + ASI:One chain demo
Launch public beta test



Why HoloMentorX is Unique

Human-like mentoring for C++ contracts

High-speed LLM via Groq

Secure routing with ASI:One

Modular & scalable agent architecture





Track

Team Green – Qubic

Name	Role
Sana	Team Lead, System Architect
Saad	Frontend Lead (Holo UI, Vite, Tailwind)
Noor	C++ Contract Developer (Qubic Chain)
Nimra	AI Agent Developer (Explain, Audit)
Safwan	Backend & Embedded Integrations
Zain	Agent Operations & Deployment



Thank You

Green – Qubic Track
Raise-A-Hack Hackathon

