Project Design Phase-I
Proposed Solution Template

Date	30 October 2023
Team ID	10.4
Project Name	Project - AI-enhanced security analytics dashboard
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in the proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	AI-Enhanced Security Analytics Dashboard That Provides Real-Time Insights Into Security Events, Trends, And Risks.
2.	Idea / Solution description	The solution is an AI-Enhanced Security Analytics Dashboard (AISAD), which incorporates data from diverse sources such as network logs and system records. AISAD delivers real-time insights, analyses abnormalities, and detects possible security breaches using powerful machine learning algorithms. Its simple interface enables security

		experts to quickly access vital information. The dashboard analyses trends, predicts security threats, and provides risk scores to prioritise tasks. Rapid incident response is ensured via automated alerting and configurable reporting, increasing the organization's security posture. AISAD encourages proactive threat hunting, efficient operations, data-driven decision-making, and continual adaption to new threats.
3.	Novelty / Uniqueness	The distinctive aspect of our concept is AISAD's real-time predictive analytics, which estimate future risks based on existing data, providing proactive security measures. Its sophisticated risk assessment and automatic warnings prioritise replies, allowing for better event management. Natural language processing integration improves user contact, allowing for smooth communication with the system. AISAD distinguishes itself with its unique blend of predictive analysis, risk prioritisation, and user-friendly interaction, revolutionising cybersecurity methods with a new, forward-thinking approach.
4.	Social Impact / Customer Satisfaction	Our technology improves customer satisfaction by giving real-time security information,

		allowing for quick reaction to attacks, and ultimately preserving critical data. Furthermore, its proactive strategy reduces the potential effect of security breaches, promoting a safer digital environment. This not only assures organisational resilience, but also benefits society by raising general cybersecurity standards and fostering confidence in digital interactions.
5.	Business Model (Revenue Model)	The business strategy entails AISAD providing a subscription-based service with tiered pricing based on the amount of data processing and degree of support. Furthermore, revenue streams may be broadened through customised services, training programmes, and continuous maintenance contracts, assuring long-term income while delivering customised solutions to a wide clientele. Strategic alliances with cybersecurity service providers can help to broaden the company's reach and improve service offerings.
6.	Scalability of the Solution	The architecture of the system is built for smooth scalability, allowing it to handle rising data volumes and user needs without sacrificing performance. Its modular architecture enables for the simple integration

| | | | of new features and technologies, enabling adaptation to changing cybersecurity requirements. AISAD can effectively grow to match the extent and complexity of any organization's security requirements, whether for small businesses or huge organisations. |