Project Design Phase-I Proposed Solution Template

Date	27 October2023
Team ID	10.1
Project Name	Project – AI-enhanced Security dashboard
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in 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	*AI-Enhanced Security Analytics Dashboard:* Our AI-enhanced security analytics dashboard is a state-of-the-art cybersecurity solution that combines advanced artificial intelligence and machine learning algorithms to provide real-time insights into security events, *Real-time Threat Detection:* The dashboard continuously analyzes incoming data to detect suspicious activities, anomalies, and potential security breaches. It provides real-time alerts and visual representations of the security landscape, making it easier for security teams to respond promptly.
3.	Novelty / Uniqueness	*Advanced AI Algorithms:* What sets our solution apart is the use of cutting-edge AI algorithms that adapt and learn from the evolving threat landscape. The system's ability to self-improve and identify previously unknown threats makes it highly unique.
4.	Social Impact / Customer Satisfaction	**Enhanced Security:** Our solution significantly improves security by proactively identifying threats and minimizing response time, reducing the risk of data breaches and cyberattacks. This directly contributes to the protection of sensitive data and the reputation of organizations. **Operational Efficiency:** Customers benefit from streamlined security operations, reduced false positives, and better allocation of resources, resulting in cost savings and improved operational efficiency.
5.	Business Model (Revenue Model)	*Subscription-based Model:* Our revenue model primarily relies on a subscription-based pricing structure. Customers pay a recurring fee for access

		to the AI-enhanced security analytics dashboard, including software updates, support, and access to the latest threat intelligence.
6.	Scalability of the Solution	**Enterprise Scalability:** Our solution is highly scalable and designed to meet the needs of both small and large enterprises. It can seamlessly adapt to growing security requirements, supporting an increasing number of devices and data sources as an organization expands. **Cloud-Based Deployment:** To facilitate scalability, our solution is designed to be hosted in the cloud. This allows for easy scaling of resources based on demand, ensuring that organizations can handle higher data volumes and security requirements as they grow.