Project Design Phase-I
Proposed Solution Template

Date	26 October 2023
Team Id	5.2
Project name	AI-Enhanced Threat Intelligence Platform
Maximum marks	2 marks

Proposed solution :

The AI-Enhanced Threat Intelligence Platform is designed to provide comprehensive cybersecurity threat detection and analysis. Leveraging advanced AI and machine learning techniques, it offers real-time monitoring, alerting, and analysis to identify and respond to threats effectively.

This proposed solution aims to provide a comprehensive AI-Enhanced Threat Intelligence Platform that addresses the evolving cybersecurity landscape, offers real-time threat detection and response, and supports organizations in safeguarding their digital assets.

S.No	Parameter	Description
1.	Problem Statement (Problem to be solved)	The problem is the increasing complexity and volume of cybersecurity threats, making it challenging for organizations to effectively identify and respond to these threats in a timely manner.
2.	Idea / Solution description	Our solution is to develop an AI-Enhanced Threat Intelligence Platform that leverages artificial intelligence and machine learning to automatically detect, analyze, and respond to cybersecurity threats in real-time.
3.	Novelty / Uniqueness	Our platform's uniqueness lies in its advanced AI-driven threat detection algorithms, which can identify both known and unknown threats. It employs natural language processing (NLP) and deep learning models to understand the context of threats, making it more accurate and adaptive.
4.	Social Impact / Customer Satisfaction	The platform will significantly enhance cybersecurity efforts, reducing response times and minimizing potential damage from cyberattacks. It contributes to a safer digital

		environment, fostering trust and protecting sensitive data. This directly leads to improved customer satisfaction and trust in online services.
5.	Business Model (Revenue Model)	We propose a subscription-based revenue model, where customers can choose from different service tiers based on the size and complexity of their organization. Additionally, we offer a freemium version with basic features and charge for premium features, consulting, and custom integrations.
6.	Scalability of the Solution	The solution is highly scalable, designed to handle increasing data volumes and the evolving threat landscape. It can be deployed in various environments, including on-premises and cloud, to accommodate organizations of all sizes. The platform's modular architecture allows for easy expansion as needed.