Ideation Phase
Brainstorm & Idea Prioritization Template
Team 10.2

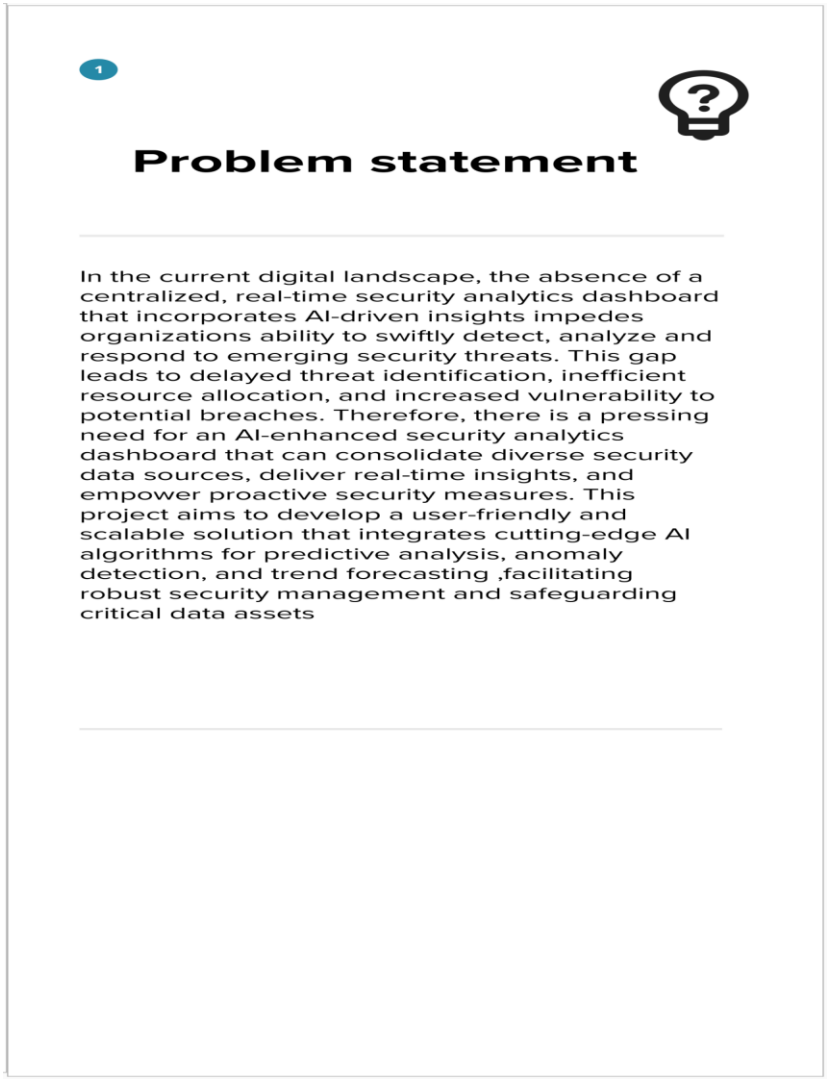
Date	19 September 2022
Team ID	PNT2022TMID593452
Project Name	Project - 10 AI-enhanced security analytics dashboard that provides real-time insights into security events, trends, and risks
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

Reference:
https://www.mural.co/templates/empathy-map-canva

Step-1: Team Gathering, Collaboration and Select the Problem Statement



Step-2: Brainstorm, Idea Listing and Grouping

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Brainstorm

Sarika V

Hybrid Threat Intelligence Integration: Develop a dashboard that seamlessly integrates both internal and external threat intelligence data sources, combining AI-driven algorithms with human expertise. This approach will enable the system to provide real-time threat insights, correlating external threat data with internal security events for comprehensive risk assessment and proactive threat mitigation.

Aadish

Customizable Visualization and Reporting: Create a customizable dashboard interface that allows security analysts and stakeholders to configure visualizations and reports based on their specific requirements and preferences. Incorporate interactive data visualization techniques to represent complex security data in an easily interpretable format, facilitating quick decision-making and efficient communication of security insights across the organization.

Kalesha

Predictive Analytics and Automated Response: Implement advanced machine learning models within the dashboard to predict potential security incidents based on historical data and ongoing trends. Incorporate automated response mechanisms that can trigger predefined security protocols in response to identified threats, minimizing manual intervention and reducing response time, thereby enhancing the overall security posture.

Pranavasri

Scalable Cloud-Based Architecture: Design the security analytics dashboard using a scalable cloud-based architecture, allowing seamless integration with existing IT infrastructures and the flexibility to handle varying workloads and data volumes. Implement robust security measures within the cloud infrastructure to ensure the confidentiality and integrity of sensitive data while enabling easy access and analysis of security information from multiple locations and devices.

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Group ideas

GROUP 1

AI and previous data related ideas

Hybrid Threat Intelligence Integration: Develop a dashboard that seamlessly integrates both internal and external threat intelligence data sources, combining AI-driven algorithms with human expertise. This approach will enable the system to provide real-time threat insights, correlating external threat data with internal security events for comprehensive risk assessment and proactive threat mitigation.

Predictive Analytics and Automated Response: Implement advanced machine learning models within the dashboard to predict potential security incidents based on historical data and ongoing trends. Incorporate automated response mechanisms that can trigger predefined security protocols in response to identified threats, minimizing manual intervention and reducing response time, thereby enhancing the overall security posture.

GROUP 2

Scalable Cloud-Based Architecture: Design the security analytics dashboard using a scalable cloud-based architecture, allowing seamless integration with existing IT infrastructures and the flexibility to handle varying workloads and data volumes. Implement robust security measures within the cloud infrastructure to ensure the confidentiality and integrity of sensitive data while enabling easy access and analysis of security information from multiple locations and devices.

GROUP 3

Customizable Visualization and Reporting: Create a customizable dashboard interface that allows security analysts and stakeholders to configure visualizations and reports based on their specific requirements and preferences. Incorporate interactive data visualization techniques to represent complex security data in an easily interpretable format, facilitating quick decision-making and efficient communication of security insights across the organization.

Step-3: Idea Prioritization