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(54) Title of the invention : SYSTEM AND METHOD FOR ADAPTIVE SECURITY REPORT CUSTOMIZATION THROUGH STATIC ANALYSIS

(51) International classification : G06F0021570000, G06F0011360000, G06F0003048170, G06F0021560000, G06N0020000000	(71)**Name of Applicant :**
	  1)**Chitkara University**
	    Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----------- -----------
	  2)**Bluest Mettle Solutions Private Limited**
	Name of Applicant : NA
	Address of Applicant : NA
	(72)**Name of Inventor :**
	  1)**MISHRA, Rahul**
	Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune ----------- -----------
	  2)**SINGH, Dhiraj**
	Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune ----------- -----------
	  3)**TISHA**
	Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----------- -----------

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(57) Abstract :
A system (102) for adaptive security report customization through static analysis is disclosed that addresses critical cybersecurity challenges by integrating static analysis techniques with customizable reporting mechanisms. This system (102) streamlines the security report generation process by incorporating static analysis results, allowing for identification of coding errors, vulnerabilities, and potential threats in digital artifacts. The system (102) facilitates customization and prioritization of security reports based on user-defined policies and operational requirements, ensuring tailored, actionable insights. Automation further enhances efficiency, reducing manual effort and providing real-time adaptation to the evolving security landscape. Moreover, the proposed system (102) represents a significant advancement in cybersecurity, empowering organizations to proactively address vulnerabilities and fortify security posture of digital systems.

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