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<p>(51) International classification :G01M 030400, G06F 215500, G06F 216200, G06F 218400, H02H 033300</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Chitkara University Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>2)Bluest Mettle Solutions Private Limited Name of Applicant : NA Address of Applicant : NA</p> <p>(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 -----</p> <p>2)SINGH, Dhiraj Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune -----</p> <p>3)MANTRI, Archana Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p>
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(57) Abstract :

The present disclosure relates to a system (100) for detecting leaks of sensitive information in JavaScript-enabled applications. The system includes a processor and memory storing instructions that enable the system to scan JavaScript files, inspect web pages and JavaScript code, and customize the scan and inspection processes based on coding guidelines and runtime environments. The system also identifies matches for literal and regex-based strings, integrates with a continuous integration server to check for new vulnerabilities in third-party libraries, launches a tool to allow file uploading through a web-based user interface, and analyzes the sources and sinks for DOM-based XSS flaws. Additionally, the processor generates a report with details of identified sensitive data and XSS vulnerabilities and can perform the scanning and inspection processes upon receiving a trigger.

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