

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211060996 A

(19) INDIA

(22) Date of filing of Application :26/10/2022

(43) Publication Date : 04/11/2022

(54) Title of the invention : SYSTEM AND METHOD FOR DETECTING SECURITY VULNERABILITIES IN CLIENT-SERVER ARCHITECTURE

<p>(51) International classification :G06F0021570000, G06F0021620000, G06F0011360000, G06F0021550000, G06F0003048000</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)CHHABRA, Rishu Address of Applicant :Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>2)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>3)PANDEY, Sakshi Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune -----</p>
---	--

(57) Abstract :

The present disclosure relates to a system (100) and method (500) to detect security vulnerabilities in a client-server architecture. The system (100) includes a client device (102) connected to a server (104), and an input device (106) detachably coupled to the client device. The input device adds at least one test code to a code segment of the client-server application running in the client device, and upon execution of the at least one test code generates a security-related data in response to at least one monitored execution event of the client-server application, store the generated security-related data in a database and process the stored security-related data to detect presence of at least one vulnerability in the client-server application based, and correspondingly generate a report that is displayed to a display device.

No. of Pages : 28 No. of Claims : 10