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<p>(51) International classification :G06Q0010060000, G06Q0050340000, G16H0050300000, G06Q0050060000, G06N0007000000</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)Chitkara Innovation Incubator Foundation Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)SHARMA, Chandershekhar Address of Applicant :#801, Sector - 4, Urban Estate, Kurukshetra - 136118, Haryana, India. Kurukshetra -----</p> <p>2)SHIKHA 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>3)JAIN, Sushil Chandra Address of Applicant :#11/171, Swami Vivekanand Nagar, Kota - 324005, Rajasthan, India. Kota -----</p>
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(57) Abstract :

The present disclosure relates to a system (100) for risk assessment, the system includes a processor (202) to receive a set of data pertaining to one or more attacks occurring within an application, partition the set of data into a different set of categories based on the causes of attacks, determine the risk factor for the different set of categories, determine impact index number of the one or more attacks based on a set of metrics, compute probability of the one or more attacks and compute the impact of the one or more attack based on the set of metrics and combine the probability of the one or more attacks and the impact of the one or more attacks to compute risk value, wherein the sum of the impact and the probability provides the risk value associated with the application.

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