



RUET Cyber Security Club (RCSC)



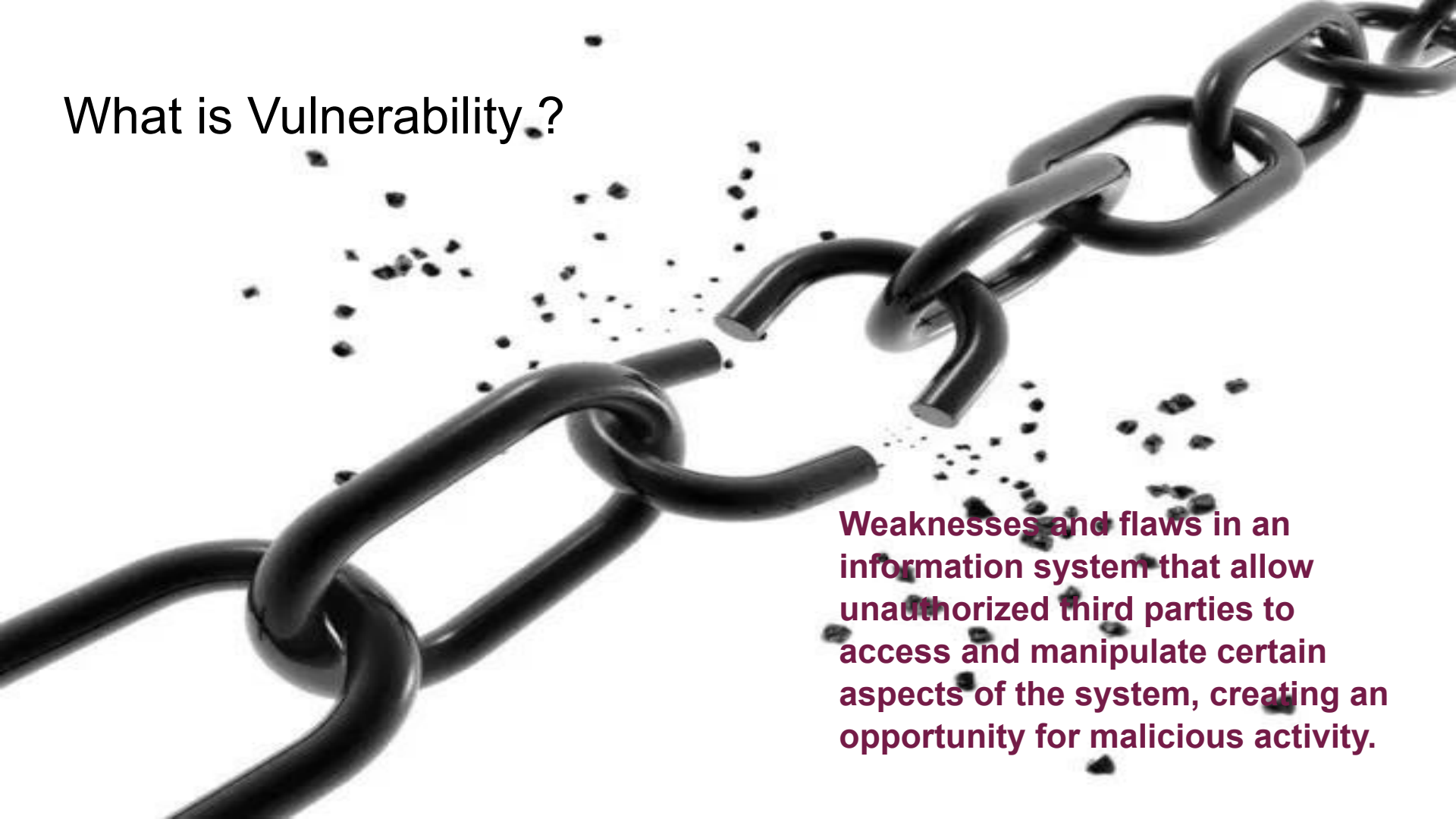
WHO AM I ?????

What is Web Security ???

What is Web Technology ???

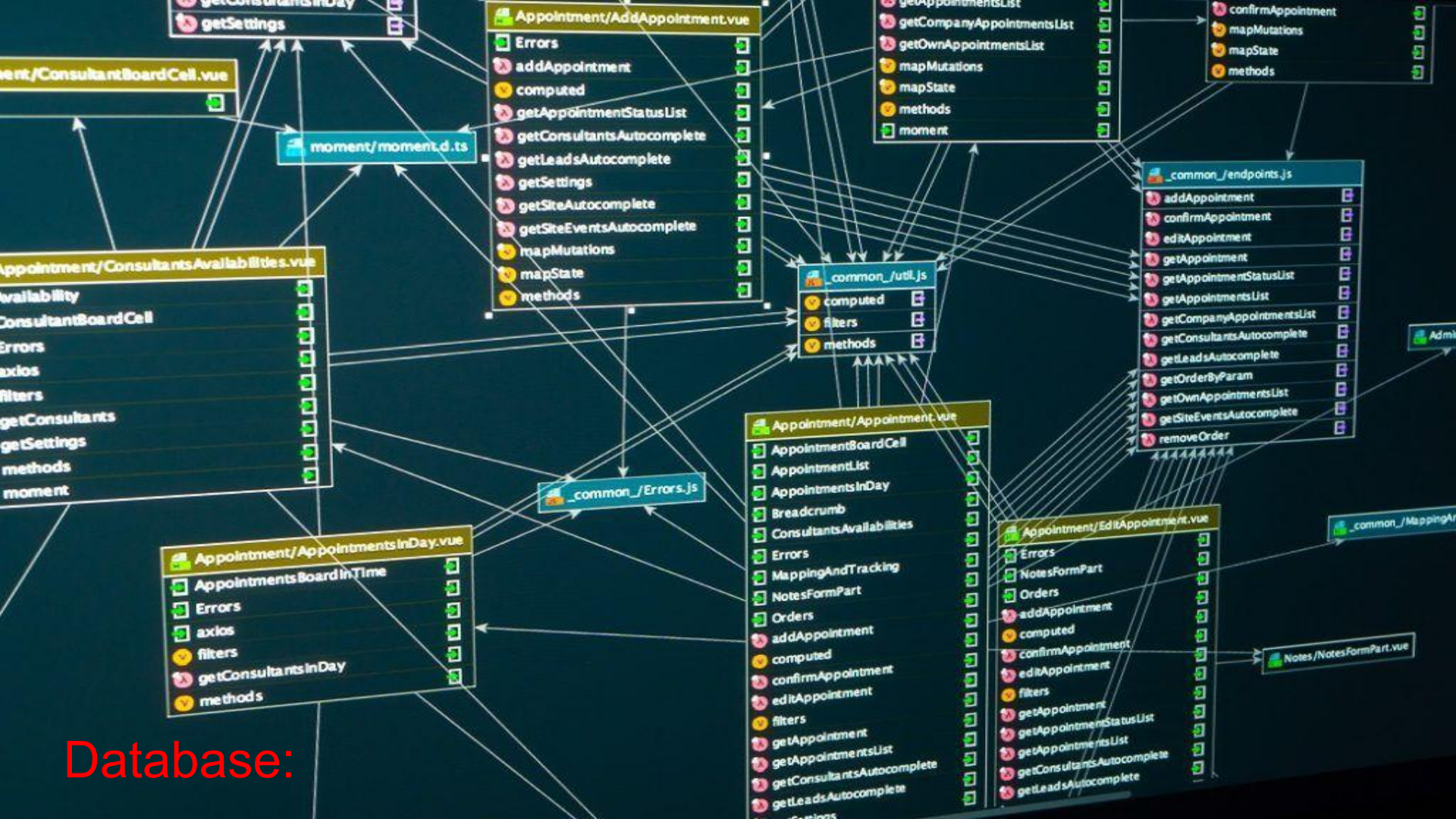


What is Vulnerability ?



Weaknesses and flaws in an information system that allow unauthorized third parties to access and manipulate certain aspects of the system, creating an opportunity for malicious activity.

OWASP Top 10 2017		change	OWASP Top 10 2021 proposal	
A1	Injection	as is	A1	Injection
A2	Broken Authentication	as is	A2	Broken Authentication
A3	Sensitive Data Exposure	down 1	A3	Cross-Site Scripting (XSS)
A4	XML eXternal Entities (XXE)	down 1 + A8	A4	Sensitive Data Exposure
A5	Broken Access Control	down 1	A5	Insecure Deserialization (merged with XXE)
A6	Security Misconfiguration	down 4	A6	Broken Access Control
A7	Cross-Site Scripting (XSS)	up 4	A7	Insufficient Logging & Monitoring
A8	Insecure Deserialization	up 3 + A4	A8	NEW: Server Side Request Forgery (SSRF)
A9	Known Vulnerabilities	as is	A9	Known Vulnerabilities
A10	Insufficient Logging & Monitoring	up 3	A10	Security Misconfiguration



SQL Injection:





Let's enjoy live
demonstration