Abstract

Due to the increasing complexity of web systems, security testing has become indispensable and critical activity of web application development life cycle. Security testing aims to maintain the confidentiality of the data, to check against any information leakage and to maintain the functionality as intended. It checks whether the security requirements are fulfilled by the web applications when they are subjected to malicious input data. Due to the rising explosion in the security vulnerabilities, there occurs a need to understand its unique challenges and issues which will eventually serve as a useful input for the security testing tool developers and test managers for their relative projects.

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Index Terms

Computer Science

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Keywords

Web applications  Security testing  Vulnerabilities