WEB SERVICE FOR DETECTING AND PREVENTING SQL INJECTION ATTACKS

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ABSTRACT:-

This paper proposes a novel specification-based methodology for the prevention of SQL injection Attacks. The two most important advantages of the new approach against existing analogous mechanisms are that, first, it prevents all forms of SQL injection attacks; second, Current technique does not allow the user to access database directly in database server. The innovative technique “Web Service Oriented XPATH Authentication Technique” is to detect and prevent SQLInjection Attacks[3] in database the deployment of this technique is by generating functions of two filtration models that are Active Guard and Service Detector of application scripts additionally allowing seamless integration with currently-deployed systems.

Indexed terms:- SQL Injection attack, Query, SQL.