

### Jawahar Education Societys Annasaheb Chudaman Patil College of Engineering, Kharghar, Navi Mumbai

DOP: / /2023 DOS: / /2023

### **Experiment No:**

<u>Title</u>: Insecure logging and Client-side injection.

#### **Theory:**

Insecure logging refers to the practice of logging sensitive or confidential information without appropriate security measures in place, such as encryption or access controls. This can include personal information like usernames, passwords, credit card numbers, and other sensitive data that should be protected from unauthorized access.

Client-side injection, on the other hand, refers to a type of security vulnerability that occurs when untrusted data is passed into a web application and executed on the client-side. This can lead to a range of attacks, such as cross-site scripting (XSS), which allows an attacker to execute malicious code within a victim's web browser.

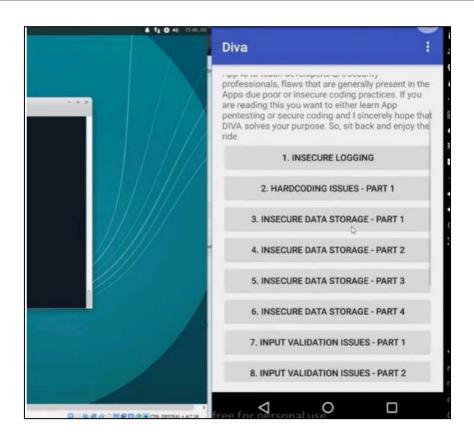
In combination, insecure logging and client-side injection can create a dangerous situation for both users and the organizations that operate the affected web applications. If sensitive information is logged without proper protection, it can be stolen by attackers who exploit client-side injection vulnerabilities. Additionally, client-side injection attacks can be used to bypass security controls and gain unauthorized access to sensitive data, which can then be logged by the application in an insecure manner.

To mitigate these risks, organizations should implement secure logging practices, such as encrypting sensitive data and limiting access to logs only to authorized personnel. Additionally, web applications should be designed with security in mind and tested regularly for vulnerabilities like client-side injection. Developers can use techniques like input validation and output encoding to prevent untrusted data from being executed on the client-side.



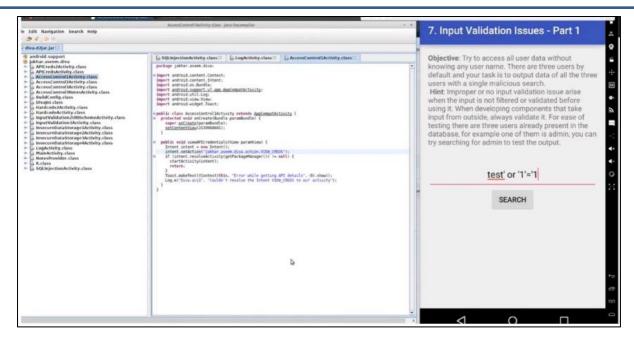
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```
### disa-d/jar.jar.is
### android.support
###
```





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**Conclusion:** - Thus we have successfully studied insecure logging and client -side injection.