

COMP 4110 Software Verification and Testing

Group 3

Charles Corro, Keerthana Madhavan, Het Patel

Step 3: Identify related reading articles min 10

1. <https://engineering.utm.my/computing/proceeding/wp-content/uploads/sites/114/2021/12/024-Maheyzah-Md-Siraj-proceeding20215-BI-5-pg-Corrected-Maheyzah-Md-Siraj.pdf>
 - Paper, security of website and OWASP framework, top 10 vulnerabilities
 - Use in-depth information from Web Application checklist
2. <https://www.sciencedirect.com/science/article/pii/S131915782100269X>
 - Summarizes the state of art web application security testing
 - Trends in security testing
 - Useful for developers for building better security testing and secure development
3. https://www.researchgate.net/profile/Fazal-Khan-3/publication/351515730_Analysis_of_Security_Testing_Techniques/links/609bb5ea92851c9eaae10afa/Analysis-of-Security-Testing-Techniques.pdf
 - Security testing taxonomy and security testing techniques
 - diagram is useful in paper
4. https://link.springer.com/chapter/10.1007/978-981-16-2594-7_34
 - Evaluates security testing tools
 - Write blurb on security tools
5. <https://link.springer.com/article/10.1007/s10462-012-9375-6>
 - Reference the development model in our model.
6. <https://ieeexplore.ieee.org/abstract/document/8389562>
 - Summarizes existing techniques and tools.
7. <https://ieeexplore.ieee.org/document/8997684>
 - Compare and contrast between development model and hybrid automated testing framework.
8. <https://ieeexplore.ieee.org/document/9124966>
 - Talks about black and white box
 - A survey for software developers to choose right methods
9. https://www.researchgate.net/publication/320248662_A_Review_on_Web_Application_Testing_and_its_Current_Research_Directions
 - For conclusions, and future directions for web applications
10. <https://ieeexplore.ieee.org/abstract/document/9225385>
 - Automated vs manual comparison, why this product was necessary.

11. https://d1wqtxts1xzle7.cloudfront.net/60288158/IRJET-V6I596320190814-26115-1t5sbgg-with-cover-page-v2.pdf?Expires=1643833554&Signature=WWmBu74SzmLVuCK~RvHdv2HVPzCj8ui2Fj2XCurfmaI4Oo9VDHwNsddyHJ-zfmgxIFOrHBqeEgj3TFRAz43t0YLZ7yOeab0X-yPkIPEiFm~kQe0xfEIBFRUp4YFge02UDqoc3qnLt1bYsvSs9MIpz4nOuG1cb3seaqtF3ZYz~mwgJOEf9f~Yg~zD2FByclFhVqANLkrSIV-Jh3uTxwReVbvimhIZi2wcXq9FIqsM3QvgPb2lcraM81QrbR37YckFEvmNX306lsFk3UVPnv4NXmu0sp1ArFyBeU4IspDuhOnPxPVcBiDxE5nDzQN6vwlt468F09dTOIm5Qu5jcYdbA__&Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA

Different testing methodologies and techniques.