

## ABSTRACT

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*Web application nowadays develop fast. Using internet, every information within any web application can be hacker targets. Those reason, making web vulnerable and needing a security system to protect the information from the web.*

*Because of the needs of web application so the writer is gonna make a system that can detect and prevent an attack from the hacker. In this last project, the attack that will be discussed are sql injection, cross site scripting, and command execution.*

*Using the system which built, can minimize the risk of a hacker attack upon the web application which used nginx as web server and naxsi as web application firewall, whose duties are to filter everything that goes through it and block every threatening condition according to the rule that was made.*

*Keywords: Security of Web Application, Web Application Firewall, Naxsi*