# ABSTRAK

**Sari, Deby Nawang. 2020.**Pembuatan *Tools* Pemindai Kerentanan *Cross-Site Scripting (XSS)* berbasis *Command-Line Interface (CLI).* Tugas Akhir. Program Studi Teknik Informatika (S1). STIKI Malang. Pembimbing : Daniel Rudiaman S.S.T., M. Kom, Co.Pembimbing : Rakhmad Maulidi, S.Kom., M.Kom

**Kata Kunci :** *Tools Cross-Site Scripting* (XSS) , *Reflected Cross-Site Scripting* (XSS) , *Crawling Cross-Site Scripting* (XSS).

Kerentanan aplikasi website merupakan hal yang sangat penting dan harus diwaspadai oleh setiap pengguna website. Salah satu kerentanan website yang harus diwaspadai yaitu *Cross-Site Scripting (XSS)* yang merupakan salah satu kerentanan yang banyak dilaporkan berdasarkan data dari *Common Vulnerabilities and Exposures (CVE).* Dari data kerentanan tersebut maka akan dilakukan pembuatan sebuah tools yang telah di desain khusus yang memiliki fungsi untuk melakukan pemindaian kerentanan *Cross-Site Scripting* *(XSS).* Tools yang dibuat memiliki 2 fitur utama yaitu fitur *Reflected* yang menghasilkan *output* berupa kode injeksi yang dapat diujikan terhadap halaman website dan fitur *Crawling* yang menghasilkan output berupa informasi dari kerentanan yang telah ditemukan.

##### ABSTRACT

**Sari, Deby Nawang. 2020.** *Developmnent a Cross-Site Scripting (XSS) based on Command-Line Interface (CLI), Final Project. Informatic Engineering Study Program (S1).. STIKI Malang. Advisor : Daniel Rudiaman S.S.T., M. Kom, Co.Pembimbing : Rakhmad Maulidi, S.Kom., M.Kom*

**Kata Kunci :** *Tools Cross-Site Scripting* (XSS) , *Reflected Cross-Site Scripting* (XSS) , *Crawling Cross-Site Scripting* (XSS).

*Website application vulnerabilities are very important and must be watched out by every website user. One of the website vulnerabilities to watch out for is Cross-Site Scripting (XSS) which is one of the most widely reported vulnerabilities based on data from Common Vulnerabilities and Exposures (CVE). From this vulnerability data, a specially designed tool will be made that has a function to perform Cross-Site Scripting (XSS) vulnerability scanning. The tools made have 2 main features, namely the Reflected feature which produces output in the form of injection code that can be tested against a website page and the Crawling feature which produces output in the form of information on the vulnerabilities that have been found.*