

## DAFTAR ISI

ABSTRAK .....	iii
<i>ABSTRACT</i> .....	iv
Kata Pengantar .....	vii
DAFTAR ISI .....	ix
DAFTAR GAMBAR.....	xi
DAFTAR TABEL.....	xv
BAB I PENDAHULUAN.....	1
I.1 Latar Belakang .....	1
I.2 Rumusan Masalah.....	3
I.3 Tujuan dan Manfaat .....	3
I.4 Batasan Masalah.....	4
I.5 Metodologi Penelitian .....	4
BAB II TINJAUAN PUSTAKA.....	6
II.1 Penelitian Terdahulu.....	6
II.2 Dasar Teori .....	9
II.2.1 Keamanan Sistem.....	9
II.2.2 OWASP 2021 .....	10
II.2.3 Profil Website.....	13
II.2.4 Pentest .....	16
BAB III METODOLOGI .....	20
III.1 Metode yang digunakan .....	20
III.2 Alat dan Bahan Penelitian.....	20
III.3 Prosedur Penelitian.....	20
III.3.1 Studi Literatur .....	21

III.3.2 Pengumpulan Data .....	21
III.3.3 Pengujian Kerentanan dan <i>Penetration Testing</i> .....	21
III.3.4 Validasi Kepada Ahli.....	29
III.3.5 Konfirmasi Hasil Kepada Objek .....	29
III.3.6 Analisis Hasil .....	29
III.3.7 Menyusun Laporan Hasil dan Rekomendasi Perbaikan.....	30
<b>BAB IV HASIL DAN PEMBAHASAN</b> .....	<b>31</b>
IV.1 Information Gathering.....	31
IV.1.1 Whois .....	31
IV.1.2 Nslookup .....	32
IV.2 Network Mapping .....	35
IV.2.1 Nmap.....	35
IV.3 Exploitation.....	41
IV.3.1 A01 : Broken Access Control.....	41
IV.3.2 A02 : Cryptographic Failures.....	44
IV.3.3 A03 : Injection.....	53
IV.3.4 A04 : Insecure Design.....	60
IV.3.5 A05 : Security Misconfiguration.....	62
IV.3.6 A06 : Vulnerable and Oudated Components.....	78
IV.3.7 A07 : Identification and Authentication Failures .....	80
IV.3.8 A08 : Software and Data Integrity Failures .....	81
IV.3.9 A09 : Security Logging and Monitoring Failures .....	82
IV.3.10 A10 : Server-Side Request Forgery (SSRF) .....	83
IV.4 Reporting.....	87
<b>BAB V KESIMPULAN DAN SARAN</b> .....	<b>100</b>
V.1 Kesimpulan .....	100
V.2 Saran.....	100
<b>BAB VI DAFTAR PUSTAKA</b> .....	<b>101</b>
<b>LAMPIRAN</b> .....	<b>104</b>