

BASIC SCAN INFORMATION

Information

File

EECS4481-PROJECT-T5.GIT

SHA256 Hash

826D394421BC22E4A110DD737788CB1A502F7F7488F998A1BF8F2B0E1953E54C

Total Files Scanned

19

Types of Issues

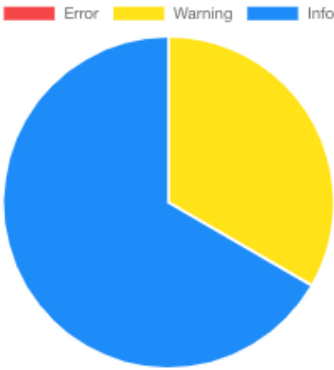
9

Total No of Issues

9

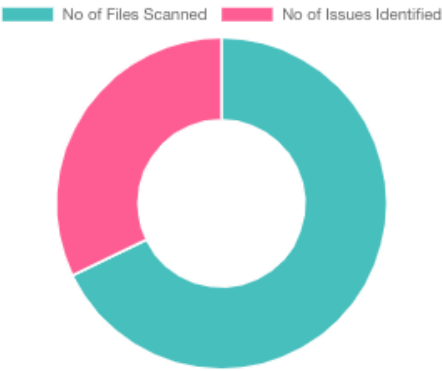
DISTRIBUTION OF SEVERITY BY ISSUE TYPES

Severity



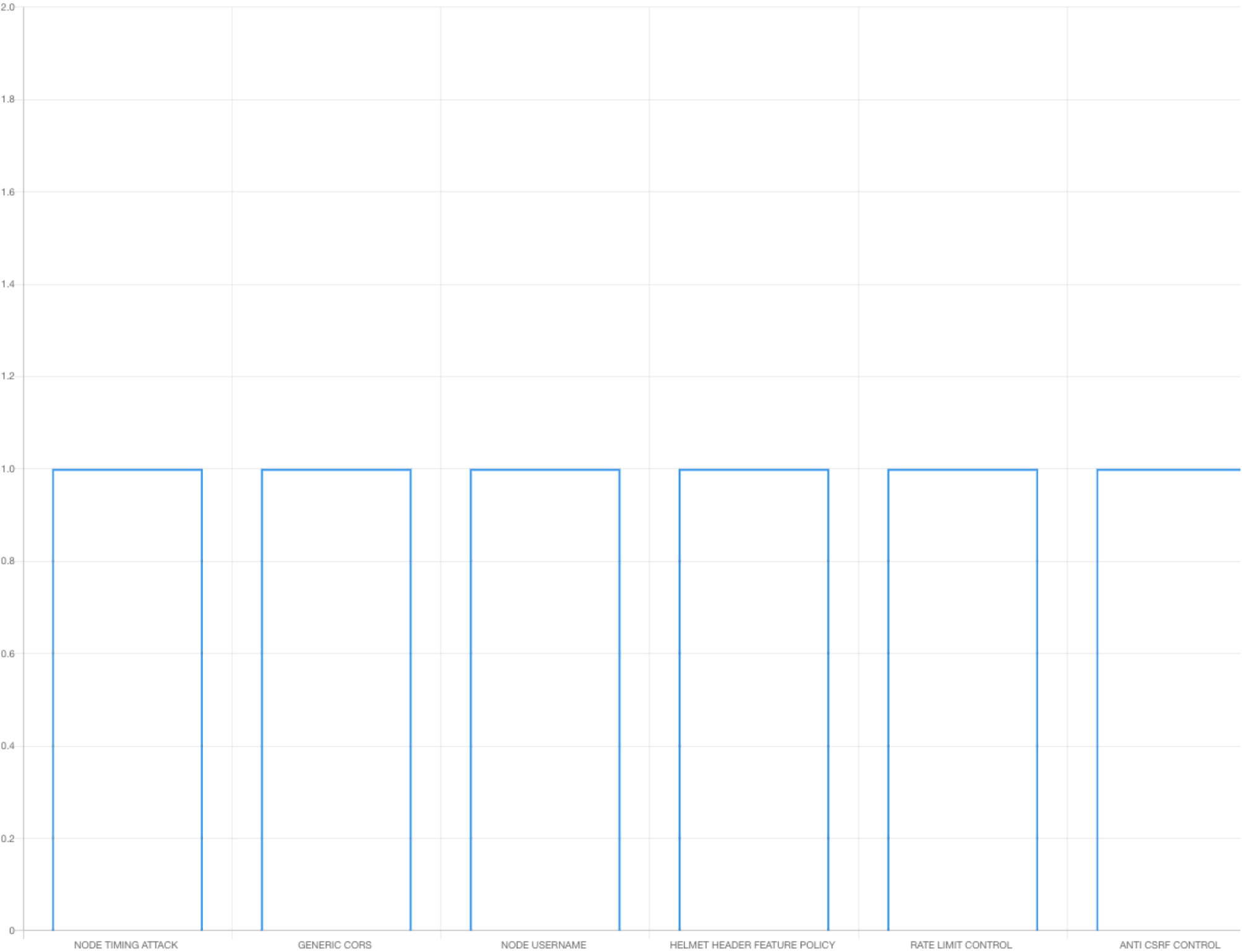
NO OF FILES SCANNED VS ISSUES IDENTIFIED

Detections



OVERVIEW OF IDENTIFIED ISSUES

Issues



SUMMARY OF FINDINGS

Findings Summary

ISSUE	DESCRIPTION	SEVERITY	STANDARDS
NODE TIMING ATTACK	String comparisons using '==', '!==', '!=' and '===' is vulnerable to timing attacks. More info: https://snky.io/blog/node-js-timing-attack-ccc-ctf/	WARNING	CWE-208: Observable Timing Discrepancy
GENERIC CORS	Access-Control-Allow-Origin response header is set to "*". This will disable CORS Same Origin Policy restrictions.	WARNING	CWE-346: Origin Validation Error
NODE USERNAME	A hardcoded username in plain text is identified. Store it properly in an environment variable.	WARNING	CWE-798: Use of Hard-coded Credentials
HELMET HEADER FEATURE POLICY	Helmet Feature Policy header is not configured for this application.	INFO	CWE-693: Protection Mechanism Failure
RATE LIMIT CONTROL	This application does not have API rate limiting controls.	INFO	CWE-770: Allocation of Resources Without Limits or Throttling
ANTI CSRF CONTROL	This application does not have anti CSRF protection which prevents cross site request forgery attacks.	INFO	CWE-352: Cross-Site Request Forgery (CSRF)
HELMET HEADER HSTS	Helmet HSTS header is not configured for this application.	INFO	CWE-693: Protection Mechanism Failure
HELMET HEADER CHECK EXPECT CT	Helmet Expect CT header is not configured for this application.	INFO	CWE-693: Protection Mechanism Failure
HELMET HEADER CHECK CSP	Helmet Content Security Policy header is not configured for this application.	INFO	CWE-693: Protection Mechanism Failure

ALL IDENTIFIED NODE.JS ISSUES

JavaScript Issues

> NODE TIMING ATTACK - 1

> GENERIC CORS - 1

- > NODE USERNAME - 1
- > HELMET HEADER FEATURE POLICY - 1
- > RATE LIMIT CONTROL - 1
- > ANTI CSRF CONTROL - 1
- > HELMET HEADER HSTS - 1
- > HELMET HEADER CHECK EXPECT CT - 1
- > HELMET HEADER CHECK CSP - 1

ALL IDENTIFIED TEMPLATE ISSUES

Template Issues

ISSUES MARKED AS NOT APPLICABLE

Not Applicable

ISSUES MARKED AS FALSE POSITIVE

False Positive

FILES IN THE ARCHIVE

Files

Search in files

Search in files

FILE

- [client-app/dependency-check-report.html](#)
- [client-app/dependency-check-report 2.html](#)
- [client-app/.npmrc](#)
- [client-app/package-lock.json](#)
- [client-app/package.json](#)
- [client-app/.npmrc](#)
- [client-app/tsconfig.json](#)
- [client-app/public/index.html](#)
- [client-app/public/manifest.json](#)
- [client-app/src/config/default.js](#)
- [client-app/src/utls/helpers.js](#)
- [client-app/src/utls/cookie.js](#)
- [server-app/dependency-check-report.html](#)
- [server-app/setup-db.sh](#)
- [server-app/server.js](#)
- [server-app/.npmrc](#)
- [server-app/package-lock.json](#)
- [server-app/package.json](#)
- [server-app/.npmrc](#)

