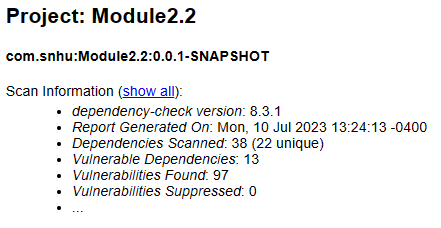
# CS 305 Module Two Coding Assignment Template

## Instructions

Replace the bracketed text with the relevant information in your own words. If you choose to include images or supporting materials, make certain to insert them in all the relevant locations in the document.

## Run Dependency Check



## Document Results

[hibernate-validator-6.0.18.Final.jar](file:///C:\Users\Chole\.eclipse\Module2.1\target\dependency-check-report.html#l2_7fd00bcd87e14b6ba66279282ef15efa30dd2492)

Hibernate's Bean Validation (JSR-380) reference implementation.

[jackson-databind-2.10.2.jar](file:///C:\Users\Chole\.eclipse\Module2.1\target\dependency-check-report.html#l4_0528de95f198afafbcfb0c09d2e43b6e0ea663ec)

General data-binding functionality for Jackson: works on core streaming API

[log4j-api-2.12.1.jar](file:///C:\Users\Chole\.eclipse\Module2.1\target\dependency-check-report.html#l9_a55e6d987f50a515c9260b0451b4fa217dc539cb)

The Apache Log4j API

[logback-core-1.2.3.jar](file:///C:\Users\Chole\.eclipse\Module2.1\target\dependency-check-report.html#l11_864344400c3d4d92dfeb0a305dc87d953677c03c)

logback-core module

[mongo-java-driver-2.4.jar](file:///C:\Users\Chole\.eclipse\Module2.1\target\dependency-check-report.html#l12_f9bbd594f981d60f6a5b2d1ec3463b772355b64f)

Java Driver for MongoDB

[snakeyaml-1.25.jar](file:///C:\Users\Chole\.eclipse\Module2.1\target\dependency-check-report.html#l14_8b6e01ef661d8378ae6dd7b511a7f2a33fae1421)

YAML 1.1 parser and emitter for Java

[spring-boot-2.2.4.RELEASE.jar](file:///C:\Users\Chole\.eclipse\Module2.1\target\dependency-check-report.html#l15_225a4fd31156c254e3bb92adb42ee8c6de812714)

Spring Boot

[spring-boot-starter-web-2.2.4.RELEASE.jar](file:///C:\Users\Chole\.eclipse\Module2.1\target\dependency-check-report.html#l16_ec75d01d212b5229c16d872fb127744c0ed46ed8)

Starter for building web, including RESTful, applications using Spring

MVC. Uses Tomcat as the default embedded container

[spring-core-5.2.3.RELEASE.jar](file:///C:\Users\Chole\.eclipse\Module2.1\target\dependency-check-report.html#l17_3734223040040e8c3fecd5faa3ae8a1ed6da146b)

Spring Core

[spring-web-5.2.3.RELEASE.jarspring-web-5.2.3.RELEASE.jar](file:///C:\Users\Chole\.eclipse\Module2.1\target\dependency-check-report.html#l18_dd386a02e40b915ab400a3bf9f586d2dc4c0852c)

Spring Web

[spring-webmvc-5.2.3.RELEASE.jar](file:///C:\Users\Chole\.eclipse\Module2.1\target\dependency-check-report.html#l19_745a62502023d2496b565b7fe102bb1ee229d6b7)

Spring Web MVC

[tomcat-embed-core-9.0.30.jar](file:///C:\Users\Chole\.eclipse\Module2.1\target\dependency-check-report.html#l20_ad32909314fe2ba02cec036434c0addd19bcc580)

Core Tomcat implementation

[tomcat-embed-websocket-9.0.30.jar](file:///C:\Users\Chole\.eclipse\Module2.1\target\dependency-check-report.html#l22_33157f6bc5bfd03380ebb5ac476db0600a04168d)

Core Tomcat implementation

## Analyze Results

When running dependency checks, the reports can indicate false positives. While these can be useful, they are not the largest security risks. Knowing which ones are critical to security, and which one are not, are important in reading these reports. Many of these issues can be resolved through updating to current versions. This would include hibernate-validator, Jackson-databind, snakeyaml-1.25.jar, spring-aop-5.2.3.RELEASE.jar, spring-core-5.2.3.RELEASE.jar, tomcat-embed-core-9.30.jar, tomcat-embed-websocket-9.0.30.jar. The rest of the results came from a similar vein, using older versions of themselves that do not contain the security risks present in the updated versions.