'DOUDOUZWIJAKHEIR'

VERSION 1.0.0-BUILD-SNAPSHOT

CODE ANALYSIS

By: default

2023-08-13

'doudouzwijakheir'

CONTENT

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INTRODUCTION

This document contains results of the code analysis of 'doudouzwijakheir'.

CONFIGURATION

- Quality Profiles
  - Names: Sonar way [CSS]; Sonar way [Java]; Sonar way [JavaScript]; Sonar way [JSP]; Sonar way [HTML]; Sonar way [XML];
  - Files: AYlzScn1f_Qmj1ZxJua6.json; AYlzSd28f_Qmj1ZxJvYY.json; AYlzSdBIf_Qmj1ZxJu[illegible].json; AYlzScy9f_Qmj1ZxJuc3.json; AYlzSd9jf_Qmj1ZxJvg1.json; AYlzSeBlf_Qmj1Z[illegible]
- Quality Gate
  - Name: AYlEo0Ql0S8MdK3ohUdJ
  - File: AYlEo0Ql0S8MdK3ohUdJ.xml

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SYNTHESIS

ANALYSIS STATUS

Reliability	Security	Security Review	Maintainability

QUALITY GATE STATUS

Quality Gate Status

METRICS

Coverage	Duplication	Comment density	Median number of lines of code per file	Adherence to coding standard
0.0 %	1.3 %	2.9 %	62.5	99.2 %

TESTS

Total	Success Rate	Skipped	Errors	Failures
0	0 %	0	0	0

DETAILED TECHNICAL DEBT

Reliability	Security	Maintainability	Total
0d 0h 22min	0d 0h 20min	0d 4h 41min	**0d 5h 23min**

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METRICS RANGE

	Cyclomatic Complexity	Cognitive Complexity	Lines of code per file	Comment density (%)	Coverage	Duplication (%)
Min	0.0	0.0	2.0	0.0	0.0	0.0
Max	67.0	4.0	61506.0	72.7	0.0	91.9

VOLUME

Language	Number
CSS	57426
Java	263
JSP	2506
HTML	1226
XML	263
Total	61684

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ISSUES

CHARTS

ISSUES COUNT BY SEVERITY AND TYPE

Type / Severity	INFO	MINOR	MAJOR	CRITICAL	BLOCKER
BUG	0	4	1	0	0
VULNERABILITY	0	0	0	2	0
CODE_SMELL	0	4	39	2	0

ISSUES LIST

Name	Description	Type	Severity	Number
Tables should have headers	Why is this an issue?Assistive technologies, such as screen readers, use <th> headers to provide some context when users navigates a table. Withoutit the user gets rapidly lost in the flow of data.Headers should be properly associated with the corresponding <td> cells by using either a scope attribute or	BUG	MAJOR	1

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	headers and id attributes. See W3C WAI Web Accessibility Tutorials for more information.This rule raises an issue whenever a <table> does not contain any <th> elements.Noncompliant code exampleNoncompliant solutionExceptionsNo issue will be raised on <table> used for layout purpose, i.e. when it contains a role attribute set to "presentation" or "none". Note that using <table> for layout purpose is a bad practice.No issu will be raised on <table> containing an aria-hidden attribute set to "true".Resources WCAG2, 1.3.1 Info and Relationships WCAG2, H51 - Using table markup to present tabular information			
"<frames>" should have a "title" attribute	Why is this an issue?Frames allow different web pages to be put together on the same visual space. Users without disabilities can easily scan the contents of all frames at once. However, visually impaired users using screen readers hear the page content linearly.The title attribute is used to list all the page’s frames, enabling those users to easily navigate among them. Therefore, the <frame> and <iframe> tags should always have a title attribute.Noncompliant code example	BUG	MINOR	1
"<table>" tags should have a description	Why is this an issue?In order to be accessible to visually impaired users, it is important that tables provides a description of its content before the data is accessed.The simplest way to do it, and also the one recommended by WCAG2 is to add a <caption> element inside the <table>.Other technics this rule accepts are:	BUG	MINOR	3

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	adding a concise description via aria-label or aria-labelledby attributes in the <table>. ▯ referencing a description element with an aria-describedby▯ attribute in the <table>. ▯ embedding the <table> inside a <figure> which also contains a <figcaption>. ▯ adding a summary attribute to the <table> tag. However note that this attribute has been deprecated in HTML5.▯ ▯▯See W3C WAI Web Accessibility Tutorials for more information.▯This rule raises an issue when a <table> has neither of the previously mentioned description mechanisms.▯Noncompliant code example▯▯<table> <!-- Noncompliant -->▯ ...▯<table>▯▯Compliant solution▯Adding a <caption> element.▯▯<table&gt <caption>New York City Marathon Results 2013</caption>▯ ...▯</table>▯▯Adding an aria-describedby attribute.▯▯<p id="mydesc">New York City Marathon Results 2013</p>▯<table aria-describedby="mydesc">▯ ...▯</table>▯▯Embeddir the table in a <figure> which also contains a <figcaption>.▯▯<figure>▯ <figcaption>Ne York City Marathon Results 2013</figcaption> <table>▯ ...▯ </table>▯</figure>▯▯Addir summary attribute. However note that this attribute has been deprecated in HTML5.▯▯<table summary="New York City Marathon Results 2013"> ...▯</table>▯▯Exceptions▯No issue will be raised on <table> used for layout purpose, i.e. when it contains a role attribute set to▯"presentation" or "none". Note that using <table> for layout purpose is a bad practice.▯No issue will be raised either on <table> containing an aria-hidden attribute set to "true". ▯Resources▯▯ WCAG2, 1.3.1 - Info▯ and Relationships ▯ WCAG2, H39 - Using caption elements to associate data table captions with data tables			
String literals should not be duplicated	Why is this an issue?▯Duplicated string literals make the process of refactoring error-prone, since you must be sure to update all occurrences.▯On the other hand, constants can be referenced from many places, but only need to be updated in a single place.▯Noncompliant code example▯With the default threshold of 3:▯▯public void run {▯ prepare("action1"); // Noncompliant - "action1" is duplicated 3 times▯ execute("action1"); release("action1");▯}▯▯@SuppressWarning("all") // Compliant - annotations are excluded▯private void method1() { /* ... */ }▯@SuppressWarning("all")▯private void method2() { /* ... */ }▯▯public String method3(String a {▯ System.out.println("'" + a + "'"); // Compliant -	CODE_SMELL	CRITICAL	2

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	literal "" has less than 5 characters and is excluded return ""; // Compliant - literal "" has less than 5 characters and is excluded}Compliant solutionprivate static final String ACTION_1 = "action1"; // Compliantpublic void run() { prepare(ACTION_1); // Compliant execute(ACTION_1); release(ACTION_1); Exceptions To prevent generating some false-positives, literals having less than 5 characters are excluded.			
Sections of code should not be commented out	Why is this an issue? Programmers should not comment out code as it bloats programs and reduces readability. Unused code should be deleted and can be retrieved from source control history if required.	CODE_SMELL	MAJOR	1
Attributes deprecated in HTML5 should not be used	Why is this an issue? With the advent of HTML5, many old attributes were deprecated. To ensure the best user experience, deprecated attributes should not be used. This rule checks for the following deprecated attributes, where CSS should be used instead. A Removed from accept form caption, col, div, embed, h1-h6, hr, iframe, img, input, legend, object, p, table, tbody, thead, tfoot, td, th, tr alink body allowtransparency ifram archive object axis td, th bacl body, table, thead, tbody, tfoot, tr, td, th bgcolor body, table, td, th, tr border img (border="0" allowed), object bordercolor tal cellpadding table cellspacing tab char col, tbody, thead, tfoot, td, th, tr charo col, tbody, thead, tfoot, td, th, tr charset a, l classid object clear br object codebase object codetype object color hr compact dl, ol coords a datafld a, applet, button, div, fieldset, frame, iframe, img, input, label, legend, marquee, object, param, select, span, textarea dataformatas button, div, input, label, legend, marquee, object, option, select, span, table datapagesize table datasrc a, applet, bu div, frame, iframe, img, input, label, legend, marquee, object, option, select, span, table, textarea declare object event script fo script frame table frameborder iframe height td, th hspace e iframe, img, input, object ismap input langauge script (language="javascript", case insensitive, allowed) link body lo img marginbottom body marginh body, iframe marginleft body marginright body margintop body	CODE_SMELL	MAJOR	1

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	marginwidth body, iframe methods a, li name a (name="[a's element id]" allowed), embed img, option nohref area noshade nowrap td, th profile head table scheme meta scope td scrolling iframe shape a size standby object summary table target link text body type param, ul urn a, link usemap valign col, tbody, thead, tfoot, td, th, tr valuetype param version html body vspace embed, iframe, img, input, obje width col, hr, pre, table, td, th Resource W3C, Differences in HTML5 WHATWG, Obsolete Features			
"aria-label" or "aria-labelledby" attributes should be used to differentiate similar elements	Why is this an issue?If a page contains multiple <nav> or <aside> elements, each one should have an aria-labelor aria-labelledby attribute so that they can be differentiated. The same rule applies when multiple elements have a role attribute with the same "landmark" value.Landmark roles are: banner, complementary, contentinfo, form, main,navigation, search, application. The use of ARIA markup helps users of screen readers navigate across blocks of content. For example it makes groups of links easier to locateor skip.Noncompliant code exampleMultiple <nav> element<nav> <!-- Noncompliant --> - A list of navigation links </nav><article&gt <nav> <!-- Noncompliant --> Another list of navigation links </nav></article> Repeated "landmark" role "navigation"<div id="mainnav" role="navigation"> <!-- Noncompliant --> <h2 id="mainnavheading">Site Navigation</h2> - List of links </div><div id="secondarynav" role="navigation"> <!-- Noncompliant --> <h2 id="secondarynavheading">Related links</h2> - List of links </ul&gt </div>Compliant solution<nav aria-label="Sit menu"> - A list of navigation links </nav><article&gt <nav aria-label="Related links"> Another list of navigation links </nav></article><div id="mainnav" role="navigation" aria-labelledby="mainnavheading"> <h2 id="mainnavheading">Site Navigation</h2> - List of links </ul&gt	CODE_SMELL	MAJOR	18

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	</div><div id="secondarynav" role="navigation" aria-labelledby="secondarynavheading"> <h2 id="secondarynavheading">Related links</h2> List of links </ul&gt </div>Resources WCAG2, ARIA11 - Using ARIA landmarks to identify regions of a page WCAG2, H97 - Grouping related links using the nav element WCAG2 1.3.1 Info and Relationships			
Standard outputs should not be used directly to log anything	Why is this an issue?When logging a message there are several important requirements which must be fulfilled: The user must be able to easily retrieve the logs The format of all logged message must be uniform to allow the user to easily read the log Logged data must actually be recorded Sensitive data must only be logged securely If a program directly writes to the standard outputs, there is absolutely no way to comply with those requirements. That’s why defining and using a dedicated logger is highly recommended.Noncompliant code exampleSystem.out.println("My Message"); // NoncompliantCompliant solutionlogger.log("My Message");Resources OWASP Top 10 2021 Category - Security Logging and Monitoring Failures OWASP Top 10 2017 Category A3 - Sensitive Data Exposure CERT, ERR02-J. - Prevent exceptions while logging data	CODE_SMELL	MAJOR	3
Sections of code should not be commented out	Why is this an issue?Programmers should not comment out code as it bloats programs and reduces readability. Unused code should be deleted and can be retrieved from source control history if required.	CODE_SMELL	MAJOR	2
Constructors should not be used to instantiate "String", "BigInteger", "BigDecimal" and primitive-wrapper classes	Why is this an issue?Constructors for String, BigInteger, BigDecimal and the objects used to wrap primitives should never beused. Doing so is less clear and uses more memory than simply using the desired value in the case of strings, and using valueOf foreverything else. Noncompliant code exampleString empty = new String(// Noncompliant; yields essentially "", so just use that. String nonempty = new String("Hello world"); // NoncompliantDouble myDouble = new Double(1.1); // Noncompliant; use valueOfInteger integer = new Integer(1); // NoncompliantBoolean bool = new Boolean(true); // NoncompliantBigInteger bigInteger1 = new BigInteger("3"); // NoncompliantBigInteger bigInteger2 = new BigInteger("92233720368547758O7"); // NoncompliantBigInteger bigInteger3 = new BigInteger("111222333444555666777888999"); // Compliant, greater than Long.MAX_VALUECompliant solutionString empty = "";String nonempty = "Hello	CODE_SMELL	MAJOR	2

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	world";Double myDouble = Double.valueOf(1.1);Integer integer = Integer.valueOf(1);Boolean bool = Boolean.valueOf(true);BigInteger bigInteger1 = BigInteger.valueOf(3);BigInteger bigInteger2 = BigInteger.valueOf(92233720368547758O7L);BigInteger bigInteger3 = new BigInteger("111222333444555666777888999");Exceptions BigDecimal constructor with double argument is ignored as using valueOf instead might change resulting value. See S2111 .			
"Preconditions" and logging arguments should not require evaluation	Why is this an issue? Passing message arguments that require further evaluation into a Guava com.google.common.base.Preconditions check can result in a performance penalty. That's because whether or not they're needed, each argument must be resolved before the method is actually called. Similarly, passing concatenated strings into a logging method can also incur a needless performance hit because the concatenation will be performed every time the method is called, whether or not the log level is low enough to show the message. Instead, you should structure your code to pass static or pre-computed values into Preconditions conditions check and logging calls. Specifically, the built-in string formatting should be used instead of string concatenation, and if the message is the result of a method call, then Preconditions should be skipped altogether, and the relevant exception should be conditionally thrown instead. Noncompliant code example logger.log(Level.DEBUG, "Something went wrong: " + message); // Noncompliant; string concatenation performed even when log level too high to show DEBUG messages logger.fine("An exception occurred with message: " + message); // Noncompliant LOG.error("Unable to open file " + csvPath, e); // Noncompliant Preconditions.checkState(a > 0, "Arg must be positive, but got " + a); // Noncompliant. String concatenation performed even when a > 0 Preconditions.checkState(condition, formatMessage()); // Noncompliant. formatMessage() invoked regardless of condition Preconditions.checkState(condition, "message: %s", formatMessage()); // Noncompliant Compliant solution logger.log(Level.SEVERE, "Something went wrong: {0} ", message); // String formatting only applied if needed logger.fine("An exception occurred with message: {}", message); // SLF4J, Log4j logger.log(Level.SEVERE, () -> "Something went wrong: " + message); // since Java 8, we can use Supplier , which will be evaluated lazily LOG.error("Unable to open file {0}", csvPath, e); if (LOG.isDebugEnabled()) {	CODE_SMELL	MAJOR	5

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	LOG.debug("Unable to open file " + csvPath, e); // this is compliant, because it will not evaluate if log level is above debug.}Preconditions.checkState(arg > 0, "Ar must be positive, but got %d", a); // String formatting only applied if neededif (!condition) { throw new IllegalStateException(formatMessage()); // formatMessage() only invoked conditionally}if (!condition) { throw new IllegalStateException("message: " + formatMessage());} Exceptionscatch blocks are ignored, because the performance penalty is unimportant on exceptional paths (catch block should not be a part ofstandard program flow). Getters are ignored as well as methods called on annotations which can be considered as getters. This rule accounts forexplicit test-level testing with SLF4J methods isXXXEnabled and ignores the bodies of such if statements.			
Printf-style format strings should be used correctly	Why is this an issue?Because printf-style format strings are interpreted at runtime, rather than validated by the compiler, they can contain errors thatresult in the wrong strings being created. This rule statically validates the correlation of printf-style format strings to their arguments when calling the format(...) methods of java.util.Formatter, java.lang.String,java.io.PrintStream, MessageFormat, and java.io.PrintWriter classes and the printf(...) methods ofjava.io.PrintStream or java.io.PrintWriter classes.Noncompliant code example String.format("First {0} and then {1}", "foo", "bar"); //Noncompliant. Looks like there is a confusion with the use of {{java.text.MessageFormat}}, parameters "foo" and "bar" will be simply ignored here String.format("Display %3$d and then %d", 1, 2, 3); //Noncompliant; the second argument '2' is unused String.format("Too many arguments %d and %d", 1, 2, 3); //Noncompliant; the third argument '3' is unused String.format("First Line\n"); //Noncompliant; %n should be used in place of \n to produce the platform-specific line separatorString.format("Is myObject null ? %b", myObject); //Noncompliant; when a non-boolean argument is formatted with %b, it prints true for any nonnull value, and false for null. Even if intended, this is misleading. It's better to directly inject the boolean value (myObject == null in this case)String.format("value is " + value); // NoncompliantString s = String.format("string without arguments"); // Noncompliant MessageFormat.format("Result '{0}'.", value); // Noncompliant; String contains no format specifiers. (quote are discarding format specifiers) MessageFormat.format("Result {0}.", value, value); //	CODE_SMELL	MAJOR	5

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	Noncompliant; 2nd argument is not used □MessageFormat.format("Result {0}.", myObject.toString()); // Noncompliant; no need to call toString() on objects□□java.util.Logger logger; □logger.log(java.util.logging.Level.SEVERE, "Result {0}.", myObject.toString()); // Noncompliant; no need to call toString() on objects □logger.log(java.util.logging.Level.SEVERE, "Result.", new Exception()); // compliant, parameter is an exception □logger.log(java.util.logging.Level.SEVERE, "Result '{0}'", 14); // Noncompliant - String contains no format specifiers.□logger.log(java.util.logging.Level.SEVERE, "Result " + param, exception); // Noncompliant; Lambda should be used to differ string concatenation. □org.slf4j.Logger slf4jLog;□org.slf4j.Marker marker; □slf4jLog.debug(marker, "message {}"); □slf4jLog.debug(marker, "message", 1); // Noncompliant - String contains no format specifiers. □org.apache.logging.log4j.Logger log4jLog; □log4jLog.debug("message", 1); // Noncompliant - String contains no format specifiers.□□Compliant solution □String.format("First %s and then %s", "foo", "bar"); □String.format("Display %2$d and then %d", 1, 3); □String.format("Too many arguments %d %d", 1, 2); □String.format("First Line%n");□String.format("Is myObject null ? %b", myObject == null);□String.format("value is %d", value);□String s = "string without arguments"; □MessageFormat.format("Result {0}.", value); □MessageFormat.format("Result '{0}' = {0}", value); □MessageFormat.format("Result {0}.", myObject); □java.util.Logger logger; □logger.log(java.util.logging.Level.SEVERE, "Result {0}.", myObject);□logger.log(java.util.logging.Level.SEVERE, "Result {0}'", 14); □logger.log(java.util.logging.Level.SEVERE, exception, () -> "Result " + param);□□org.slf4j.Logger slf4jLog; □org.slf4j.Marker marker;□□slf4jLog.debug(marker, "message {}");□slf4jLog.debug(marker, "message {}", 1); □org.apache.logging.log4j.Logger log4jLog; □log4jLog.debug("message {}", 1);□□Resources□□ CERT, FI C. - Use valid format strings			
"@Deprecated" code marked for removal should never be used	Why is this an issue?□Java 9 introduced a flag for the @Deprecated annotation, which allows to explicitly say if the deprecated code is planned to be□removed at some point or not. This is done using forRemoval=true as annotation parameter. The javadoc of the annotation explicitly□mention the following:□□ If true, it means that tl API element is earmarked for removal in a future release. If false, the API element is deprecated, but there is	CODE_SMELL	MAJOR	2

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	currently no intention to remove it in a future release. ▯While usually deprecated classes, interfaces, and their deprecated members should be avoided rather than used, inherited or extended, those already▯marked for removal are much more sensitive to causing trouble in your code soon. Consequently, any usage of such deprecated code should be avoided or▯removed. ▯Noncompliant code example▯▯/**▯ * @deprecated As of release 1.3, replaced by {@link #Fee}. Will be dropped with release 1.4.▯ */▯@Deprecated(forRemoval=true) ▯public class Foo { ... }▯▯public class Bar {▯ /**▯ * @deprecated As of release 1.7, replaced by {@link #doTheThingBetter()}▯ */ @Deprecated(forRemoval=true)▯ public void doTheThing() { ... }▯▯ public void doTheThingBetter() { ... } /**▯ * @deprecated As of release 1.14 due to poor performances.▯ */▯ @Deprecated(forRemoval=false) public void doTheOtherThing() { ... }▯}▯▯public class Qix extends Bar {▯ @Override▯ public void doTheThing() { ... } // Noncompliant; don't override a deprecated method marked for removal▯}▯▯public class Bar extends Foo { // Noncompliant; Foo is deprecated and will be removed public void myMethod() {▯ Bar bar = new Bar(); // okay; the class isn't deprecated▯ bar.doTheThing(); // Noncompliant; doTheThing method is deprecated and will be removed▯▯ bar.doTheOtherThing(); // Okay; deprecated, but not marked for removal▯ }▯}▯▯Resources MITRE, CWE-477 - Use of Obsolete Functions ▯ CERT, MET02-J. - Do not use deprecated or obsolete classes or methods ▯ RSPEC-1874 for standard deprecation use			
Composed "@RequestMapping" variants should be preferred	Why is this an issue?▯Spring framework 4.3 introduced variants of the @RequestMapping annotation to better represent the semantics of the annotated methods.▯The use of @GetMapping, @PostMapping, @PutMapping, @PatchMapping and @DeleteMapping▯should be preferred to the use of the raw @RequestMapping(method = RequestMethod.XYZ). ▯Noncompliant code example▯▯@RequestMapping(path = "/greeting", method = RequestMethod.GET) // Noncompliant▯public Greeting greeting(@RequestParam(value = "name", defaultValue = "World") String name) {▯...▯}▯▯Compliant solution ▯@GetMapping(path = "/greeting") // Compliant▯public Greeting greeting(@RequestParam(value = "name", defaultValue = "World") String name) {▯...▯}	CODE_SMELL	MINOR	4
Persistent entities should not be used as arguments of	Why is this an issue?▯On one side, Spring MVC automatically bind request parameters to beans declared as arguments of methods annotated with	VULNERABILITY	CRITICAL	2

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"@RequestMapping" methods	@RequestMapping. Because of this automatic binding feature, it’s possible to feed some unexpected fields on the arguments of the@RequestMapping annotated methods.On the other end, persistent objects (@Entity or @Document) are linked to the underlying database and updatedautomatically by a persistence framework, such as Hibernate, JPA or Spring Data MongoDB.These two facts combined together can lead to malicious attack: if a persistent object is used as an argument of a method annotated with@RequestMapping, it’s possible from a specially crafted user input, to change the content of unexpected fields into the database.For this reason, using @Entity or @Document objects as arguments of methods annotated with @RequestMapping should be avoided.In addition to @RequestMapping, this rule also considers the annotations introduced in Spring Framework 4.3: @GetMapping,@PostMapping, @PutMapping, @DeleteMapping, @PatchMapping. Noncompliant code exampleimport javax.persistence.Entity;@Entitypublic cla s W { Lo productId; Long quantity; Client client;} Entity pu class Client { String clientId; String nam Stri password;}import org.springframework.stereotyp .contro r;import org.springframework.web.bin .anno .RequestMapp ing;@Controllerpublic class WishListC ntroller { @PostMapping(path = "/saveForLa er", public String saveForLater(Wish wi , session.save(wish); } @RequestMapping(ath = veForLater", method = RequestMetho POST) pu lic String saveForLater(Wish wish) { se ion.sa (wish); }}Compliant solutionp class Wi hDTO Lo g productId; Long quantity; Long clien Id;} po org.sp gfra ework.stereotype.Controller;import org.s ing. mework.web.bind.annotation.RequestMapp ing;@ Cont oller public class PurchaseOrderController { @ ostMapping(path = "/saveForLater") public String saveForLater(WishDTO wish) { Wish persistentWish = n w Wish(); // do the mapping between "wish" and "persistentWish" [...] session.save(persistentWish); @RequestMapping(path = "/saveForLater", method = RequestMethod.POST) public String saveForLater(WishDTO wish) { Wish persistentWish = new Wish(); // do the mapping between "wish" and "persistentWish" [...] session.save(persistentWish); Exceptions No issue is reported when the parameter is annotated with @PathVariable from Spring Framework, since the lookup will be done via id,the object cannot be forged on client side.Resources OWASP Top 10 2021 Category A8 - Software and Data Integrity Failures OWASP Top 10 2017 Category A5 - Broken Access

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Control MITRE, CWE-915 - Improperly Controlled Modification of Dynamically-Determined Object Attributes Two Security Vulnerabilities in the Spring Framework's MVC by Ryan Berg and Dinis Cruz

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SECURITY HOTSPOTS

SECURITY HOTSPOTS COUNT BY CATEGORY AND PRIORITY

Category / Priority	LOW	MEDIUM	HIGH
LDAP Injection	0	0	0
Object Injection	0	0	0
Server-Side Request Forgery (SSRF)	0	0	0
XML External Entity (XXE)	0	0	0
Insecure Configuration	0	0	0
XPath Injection	0	0	0
Authentication	0	0	0
Weak Cryptography	0	0	0
Denial of Service (DoS)	0	0	0
Log Injection	0	0	0
Cross-Site Request Forgery (CSRF)	0	0	2
Open Redirect	0	0	0
Permission	0	0	0
SQL Injection	0	0	0
Encryption of Sensitive Data	0	0	0
Traceability	0	0	0
Buffer Overflow	0	0	0
File Manipulation	0	0	0
Code Injection (RCE)	0	0	0

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Cross-Site Scripting (XSS)	0	0	0
Command Injection	0	0	0
Path Traversal Injection	0	0	0
HTTP Response Splitting	0	0	0
Others	17	0	0

SECURITY HOTSPOTS LIST

Category	Name	Priority	Severity	Count
Others	Authorizing an opened window to access back to the originating window is security-sensitive	LOW	MINOR	17
Cross-Site Request Forgery (CSRF)	Allowing both safe and unsafe HTTP methods is security-sensitive	HIGH	MINOR	2