

静态分析报告：

Sonarlint：

Found 59 issues in 5 files

- ▼ DatabaseConnect.java (4 issues)
 - 🔒 (17, 68) Remove this hard-coded password. 14 minutes ago
 - 🔒 (13, 15) 'Pwd' detected in this expression, review this potentially hard-coded credential.
 - 🔒 (5, 13) Add a private constructor to hide the implicit public one.
 - 🔒 (19, 14) Use a logger to log this exception.
- ▼ MessageDao.java (5 issues)
 - ⚠️ (34, 16) A "NullPointerException" could be thrown; "pstmt" is nullable here. [+99 locations]
 - 🔒 (20, 16) Rename this local variable to match the regular expression '^([a-z][a-zA-Z0-9]*)\$'.
 - 🔒 (31, 14) Use a logger to log this exception.
 - 🔒 (36, 18) Use a logger to log this exception.
 - 🔒 (41, 18) Use a logger to log this exception.
- ▼ SendMessageServlet.java (22 issues)
 - ⚠️ (95, 37) Define a constant instead of duplicating this literal "Publish.jsp" 4 times. [+4 locations]
 - ⚠️ (27, 19) Remove this misleading mutable servlet instance field or make it "static" and/or "final"
 - ⚠️ (28, 19) Remove this misleading mutable servlet instance field or make it "static" and/or "final"
 - ⚠️ (29, 15) Remove this misleading mutable servlet instance field or make it "static" and/or "final"
 - ⚠️ (44, 17) Catch Exception instead of Throwable.
 - ⚠️ (55, 19) Use "java.nio.Files#delete" here for better messages on error conditions.
 - ⚠️ (70, 24) Replace this use of System.out or System.err by a logger.
 - ⚠️ (73, 24) Replace this use of System.out or System.err by a logger.
 - ⚠️ (77, 24) Replace this use of System.out or System.err by a logger.
 - ⚠️ (79, 24) Replace this use of System.out or System.err by a logger.
 - ⚠️ (102, 8) Replace this use of System.out or System.err by a logger.
 - ⚠️ (107, 8) Replace this use of System.out or System.err by a logger.
 - 🔒 (12, 0) Remove this unused import 'java.util.ArrayList'.
 - ⚠️ (28, 19) Remove the "information" field and declare it as a local variable in the relevant methods.
 - 🔒 (33, 13) Add a "try/catch" block for "doPost".
 - 🔒 (33, 13) Add a "try/catch" block for "doPost".
 - 🔒 (45, 17) Use a logger to log this exception.
 - 🔒 (55, 12) Do something with the "boolean" value returned by "delete".

🔒 ⬇️ (90, 18) Use a logger to log this exception.

▼ UserDao.java (8 issues)

- ⚠️ (15, 25) Use try-with-resources or close this "Statement" in a "finally" clause.
- ⚠️ (24, 25) Use try-with-resources or close this "Statement" in a "finally" clause.
- ⚠️ (25, 23) Use try-with-resources or close this "ResultSet" in a "finally" clause.
- ⚠️ (44, 25) Use try-with-resources or close this "Statement" in a "finally" clause.
- ⚠️ (45, 23) Use try-with-resources or close this "ResultSet" in a "finally" clause.
- 🔒 ⬆️ (16, 21) Use a variable binding mechanism to construct this query instead of concatenation.
- 🔒 ⬆️ (25, 41) Use a variable binding mechanism to construct this query instead of concatenation.
- 🔒 ⬆️ (45, 41) Use a variable binding mechanism to construct this query instead of concatenation.

▼ UserService.java (20 issues)

- 🔒 ⬆️ (69, 41) Define a constant instead of duplicating this literal "Register.jsp" 4 times. [+4 locations]
- ⚠️ ⬆️ (16, 20) Remove this misleading mutable servlet instance field or make it "static" and/or "final"
- 🔒 ⬆️ (37, 119) Define and throw a dedicated exception instead of using a generic one.
- 🔒 ⬆️ (41, 11) Remove this expression which always evaluates to "false" [+3 locations]
- 🔒 ⬆️ (59, 91) Define and throw a dedicated exception instead of using a generic one.
- 🔒 ⬆️ (62, 8) This block of commented-out lines of code should be removed.
- 🔒 ⬆️ (64, 8) This block of commented-out lines of code should be removed.
- 🔒 ⬆️ (66, 8) This block of commented-out lines of code should be removed.
- 🔒 ⬆️ (67, 11) Remove this expression which always evaluates to "false" [+3 locations]
- 🔒 ⬇️ (12, 0) Remove this unused import 'java.io.PrintWriter'.
- 🔒 ⬇️ (20, 13) Add a "try/catch" block for "doPost".
- 🔒 ⬇️ (20, 13) Add a "try/catch" block for "doPost".
- 🔒 ⬇️ (32, 17) Use a logger to log this exception.
- 🔒 ⬇️ (37, 88) Remove the declaration of thrown exception 'javax.servlet.ServletException' which is a subclass of 'java.lang.Throwable'.
- 🔒 ⬇️ (37, 106) Remove the declaration of thrown exception 'java.io.IOException' which is a subclass of 'java.lang.Throwable'.
- 🔒 ⬇️ (50, 12) Remove this redundant jump.
- 🔒 ⬇️ (55, 12) Remove this redundant jump.
- 🔒 ⬇️ (78, 29) Remove the literal "true" boolean value.
- 🔒 ⬇️ (81, 12) Remove this redundant jump.
- 🔒 ⬇️ (86, 11) Remove this redundant jump.

P3C:

Inspection Results: 'Alibaba Coding Guidelines' Profile on File '...\WebTimeLine1\src\main\java\bean\Message.java [timeline]'

- ▼ **Critical** 6 criticals
 - ▼ **Ali-Check** 6 criticals
 - ▼ Object.equals方法容易抛空指针异常，应使用常量或确定有值的对象来调用equals。 5 criticals
 - ▼ **SendMessageServlet** 3 criticals
 - "addImage" 应该作为方法 "equals()"的调用方，而不是参数
 - "addInformation" 应该作为方法 "equals()"的调用方，而不是参数
 - "" 应该作为方法 "equals()"的调用方，而不是参数
 - ▼ **UserService** 2 criticals
 - "login" 应该作为方法 "equals()"的调用方，而不是参数
 - "register" 应该作为方法 "equals()"的调用方，而不是参数
 - ▼ 方法名、参数名、成员变量、局部变量都统一使用lowerCamelCase，必须遵从驼峰形式 1 critical
 - ▼ **MessageDao** 1 critical
 - 变量名 [user_id] 不符合lowerCamelCase命名风格 (line 20)
 - ▼ **Major** 22 majors
 - ▼ **Ali-Check** 22 majors
 - ▼ 不允许任何魔法值（即未经定义的常量）直接出现在代码中。 8 majors
 - ▼ **SendMessageServlet** 4 majors
 - 魔法值 ["method"] (line 39)
 - 魔法值 ["addImage"] (line 39)
 - 魔法值 ["method"] (line 41)
 - 魔法值 ["addInformation"] (line 41)
 - ▼ **UserService** 4 majors
 - 魔法值 ["method"] (line 26)
 - 魔法值 ["login"] (line 26)
 - 魔法值 ["method"] (line 28)
 - 魔法值 ["register"] (line 28)
 - ▼ 及时清理不再使用的代码段或配置信息。 3 majors
 - ▼ **UserService** 3 majors
 - 及时清理不再使用的代码段或配置信息。 (line 62)
 - 及时清理不再使用的代码段或配置信息。 (line 64)
 - 及时清理不再使用的代码段或配置信息。 (line 66)
 - ▼ 所有的类都必须添加创建者信息。 7 majors



覆盖度报告：

2010 classes, 770 lines covered in all classes in scope			
Element	Class, %	Method, %	Line, %
bean	100% (2/2)	100% (8/8)	100% (16/16)
com			
dao	100% (2/2)	75% (3/4)	85.9% (55/64)
database	100% (1/1)	100% (1/1)	81.8% (9/11)
google			
images			
java			
javax			
jdk			
META-INF			
netscape			
org			
servlet	100% (2/2)	87.5% (7/8)	75.8% (88/116)
sun			
toolbarButto...			