DataGuardian Pro

GDPR Compliance Certification Report

Repository: java-design-patterns

Full Path: https://github.com/iluwatar/java-design-patterns

Scan Date:	2025-05-20 22:12:23 UTC
Scan ID:	repo_c94618f7
Branch:	main
Report Generated:	2025-05-20 22:12:23

Executive Summary

This report presents the results of a GDPR compliance scan conducted on the repository. The scan analyzed 400 files out of a total of 449 files in the repository. The scan identified 36 instances of potential personal data or compliance issues:

- **14** high-risk findings
- **18** medium-risk findings
- **4** low-risk findings

Overall GDPR Compliance Score

0

out of 100

Files Scanned	PII Instances	High Risk Findings
400	36	14

Requires Immediate Action

Detailed Findings

High Risk Findings

Type	Location	Description
API_KEY	.../java/ValidationConverter.java (Line 18)	API key or credential detected. This may pose a security risk u
API_KEY	.../java/FormatterNotification.java (Line 22)	API key or credential detected. This may pose a security risk u
API_KEY	.../java/FormatterNotification.java (Line 33)	API key or credential detected. This may pose a security risk u
API_KEY	.../java/FormatterNotification.java (Line 55)	API key or credential detected. This may pose a security risk u
API_KEY	.../resources/ConverterViewManager.java (Line 155)	API key or credential detected. This may pose a security risk u
JWT_TOKEN	.../components/RequestCustomer.java (Line 9)	JWT token detected in code. Tokens should not be hardcoded
JWT_TOKEN	.../components/RequestCustomer.java (Line 54)	JWT token detected in code. Tokens should not be hardcoded

Medium Risk Findings

Type	Location	Description
EMAIL	src/services/Email.java (Line 63)	Email address pattern detected, which constitutes personal da
EMAIL	src/services/Email.java (Line 53)	Email address pattern detected, which constitutes personal da
ADDRESS	utils/Session.java (Line 179)	Physical address detected, which constitutes personal data un
EMAIL	lib/OrderStorageResponse.java (Line 40)	Email address pattern detected, which constitutes personal da
EMAIL	lib/OrderStorageResponse.java (Line 37)	Email address pattern detected, which constitutes personal da
ADDRESS	.../components/ExceptionView.java (Line 18)	Physical address detected, which constitutes personal data un
PHONE_NUMBER	app/models/Api.sql (Line 23)	Phone number detected, which constitutes personal data unde
PHONE_NUMBER	app/models/Api.sql (Line 46)	Phone number detected, which constitutes personal data unde
PHONE_NUMBER	app/models/Api.sql (Line 11)	Phone number detected, which constitutes personal data unde

Low Risk Findings

Type	Location	Description
LOG_SETTINGS	.../views/StorageExceptionRequest.css (Line 148)	Logging configuration detected, which should be adjusted to m
LOG_SETTINGS	.../views/StorageExceptionRequest.css (Line 170)	Logging configuration detected, which should be adjusted to m

GDPR Principles Analysis

GDPR Principle	Article	Status	Description
Lawfulness, Fairness and Transparency	Art. 5(1)(a)	✓ Compliant	Personal data must be processed lawfully, fairly and in a transpar...
Purpose Limitation	Art. 5(1)(b)	✓ Compliant	Personal data must be collected for specified, explicit and legitima...
Data Minimization	Art. 5(1)(c)	■ Affected	Personal data must be adequate, relevant and limited to what is r...
Accuracy	Art. 5(1)(d)	✓ Compliant	Personal data must be accurate and kept up to date.
Storage Limitation	Art. 5(1)(e)	✓ Compliant	Personal data must be kept in a form which permits identification...
Integrity and Confidentiality	Art. 5(1)(f)	■ Affected	Personal data must be processed in a secure manner.
Accountability	Art. 5(2)	✓ Compliant	The controller shall be responsible for, and be able to demonstrat...

Recommendations for Compliance

• Review and document the legal basis for all personal data processing activities.

• Use secure storage and transmission methods for all personal data.

• Add proper consent mechanisms before processing personal data.

• Implement proper data minimization techniques to ensure only necessary personal data is processed.

• Implement data retention policies to ensure data is not stored longer than necessary.

Dutch GDPR (UAVG) Specific Compliance

✓ **No Netherlands-specific GDPR compliance issues detected.**

Dutch GDPR (UAVG) Requirements

Requirement	Description	Legal Basis
BSN Processing	Dutch Citizen Service Number (BSN) may only be processed when explicitly authorized by law.	UAVG Article 46
Medical Data	Medical data requires explicit consent and additional safeguards.	UAVG Article 30
Minors Consent	Parental consent required for children under 16 years (higher than some EU countries).	UAVG Article 5
Data Breach	The Dutch DPA (AP) requires notification within 72 hours for significant breaches.	GDPR Article 33