sonar

HappyTrip
1.0.0-BUILD-SNAPSHOT

Sonar way
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1. HappyTrip

This chapter presents an overview of the project measures. This dashboard shows the most important measures related to project quality, and it provides a good starting point for identifying problems in source code.

1.1. Report Overview

Static Analysis

Lines of code	**Comments**	**Complexity**
6,392 ⬇	3.2% ⬇	1.4
17 packages	211 comment lines	6.1 /class
121 classes		743 decision points
518 methods		
3.1% duplicated lines		

Dynamic Analysis

Code Coverage	**Test Success**
0.0%	N/A
0 tests	N/A failures
	N/A errors

Coding Rules Violations

Rules Compliance	**Violations**
85.1% ⬇	463 ⬇

1.2. Violations Analysis

Most violated rules	
Security - Array is stored directly	1
Close Resource	105
Avoid Throwing Raw Exception Types	54
Preserve Stack Trace	53
Avoid Print Stack Trace	17

Most violated files

JdbcFlightRouteDao	102
JdbcReportDao	48
JdbcUserDao	31
JdbcGenericDao	24
JdbcRouteDao	23

Most complex files

JdbcFlightRouteDao	36
JdbcReportDao	35
AdminServiceImpl	34
JdbcLookupDao	30
AdminController	28

Most duplicated files

JdbcFlightRouteDao	94
JdbcUserDao	62
JdbcFlightDao	35
AirlineDto	22
AirlineReport	22

1.3. Violations Details

Rule	Security - Array is stored directly
File	**Line**
Backup	36

Rule	Close Resource
File	**Line**
ConnectionHelper	33
JdbcAirlineDao	24, 49, 51, 90, 91, 92
JdbcBackupDao	23
JdbcBookingDao	28, 29, 30
JdbcCityDao	29, 54, 55, 61, 83, 84, 89, 120, 121

Rule	Avoid Throwing Raw Exception Types	
File		Line
JdbcAirlineDao		39, 81, 112
JdbcBackupDao		37
JdbcBookingDao		45
JdbcCityDao		43, 75, 112, 131
JdbcFlightBookingDao		57
JdbcFlightClassDao		37
JdbcFlightDao		63, 92, 121, 150, 181
JdbcFlightRouteDao		59, 89, 355, 425

Rule	Preserve Stack Trace	
File		Line
JdbcAirlineDao		39, 81, 112
JdbcBackupDao		37
JdbcBookingDao		45
JdbcCityDao		43, 75, 112, 131
JdbcFlightBookingDao		57
JdbcFlightClassDao		37
JdbcFlightDao		63, 92, 121, 150, 181
JdbcFlightRouteDao		59, 89, 355, 425

Rule	Avoid Print Stack Trace	
File		Line
AdminController		148, 202, 203
ContentController		26
HomeController		81
ProfileController		114
StartupController		82
JdbcFlightBookingDao		54
JdbcFlightRouteDao		484
JdbcUserDao		63, 121, 154, 184
BeanFactory		43, 46, 49, 52

Rule	System PrintIn	
File		Line
AdminController		132

JdbcFlightRouteDao	36, 54, 67, 300, 345, 441
JdbcUserDao	59
BeanFactory	26, 41, 60, 61

Rule	If Stmts Must Use Braces
File	Line
AirlineBackup	23, 24
FlightBookingBackup	23, 24
RouteBackup	23, 24
ScheduledFlightBackup	23, 24
UserBackup	29, 30

Rule	Avoid Duplicate Literals
File	Line
AdminController	135, 136
ReportController	44
JdbcFlightRouteDao	120, 138, 151
JdbcGenericDao	73

Rule	Unused local variable
File	Line
AdminController	138
ProfileController	124
FlightConfirmationController	121
JdbcBookingDao	36
StringUtil	45, 67

Rule	Unused Private Field
File	Line
StartupController	53, 54
FlightRouteDto	12
Booking	13
FlightBookingServiceImpl	36