

ems_db_master_Group8_Demo 1.0

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ems_db_master_Gr oup8_Demo



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1. ems_db_master_Group8_Demo

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
368	5.4%	1.0
N/A packages	21 comment lines	3.0 /class
9 classes		27 decision points
28 methods		
0.0% duplicated lines		

Dynamic Analysis

Code Coverage	Test Success
68.9%	N/A
N/A tests	N/A failures
	N/A errors

Coding Rules Issues

Technical Debt	Issues
2d 2h	51

1.2. Issues Analysis

Most violated rules		
Avoid commented-out lines of code	10	
Package names should comply with a naming convention	9	
Generic exceptions Error, RuntimeException, Throwable and Exception should never be thrown	6	
System.out and System.err should not be used as loggers	3	
Insufficient branch coverage by unit tests	2	



Most violated files		
CustomerDaoImplTest.java	15	
CustomerServiceImplTest.java	14	
CustomerControllerTest.java	12	
CustomerController.java	3	
CustomerDAOImpl.java	3	

Most complex files		
CustomerController.java	6	
CustomerDAOImpl.java	6	
CustomerControllerTest.java	4	
CustomerServiceImplTest.java	4	
CustomerServiceImpl.java	3	

Most duplicated files	
No duplications	

1.3. Issues Details

Rule Avoid commented-out lines of code		
File	Line	
CustomerControllerTest.java	102, 93, 65, 61, 59	
CustomerDaoImplTest.java	53, 69, 76, 78, 50	

Rule	Package names should comply with a naming convention	
File Line		
CustomerController.java 1		1
Custom	erDAOImpl.java	1
CustomerDAO.java		1
Customer.java		1
CustomerServiceImpl.java		1
CustomerService.java		1
CustomerControllerTest.java		1
CustomerDaoImplTest.java 1		1
CustomerServiceImplTest.java 1		1



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Rule	Rule Generic exceptions Error, RuntimeException, Throwable and Exception should never be thrown	
File Line		Line
CustomerControllerTest.java 75		75
CustomerDaoImplTest.java 46		46
CustomerServiceImplTest.java 38, 55, 43, 31		38, 55, 43, 31

Rule System.out and System.err should not be used as loggers		
File Line		
CustomerControllerTest.java	88	
CustomerDaoImplTest.java 82		
CustomerServiceImplTest.java 66		

Rule Insufficient branch coverage by unit tests	
File	Line
CustomerController.java	N/A
Customer DAO Impl.java	N/A

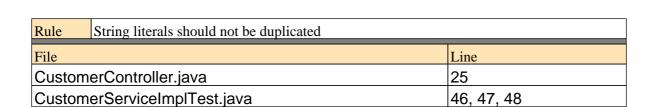
Rule	Methods should not be empty	
File		Line
Custome	erServiceImplTest.java	38

Rule Useless imports should be removed	
File	Line
CustomerControllerTest.java	20, 14, 13
CustomerDaoImplTest.java	28, 11, 27, 20, 24, 17
CustomerServiceImplTest.java	12, 14, 11

Tabulation characters should not be used	
File	Line
CustomerDAOImpl.java	N/A
CustomerControllerTest.java	N/A
CustomerDaoImplTest.java	N/A
CustomerServiceImplTest.java	N/A



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