



**My project  
fineract-provider**

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## 1. My project

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

**225,055**

N/A packages

2,871 classes

16,512 methods

9.1% duplicated lines

##### Comments

**4.1%**

9,552 comment lines

##### Complexity

**2.1**

11.9 /class

34,210 decision points

#### Dynamic Analysis

##### Code Coverage

**N/A**

N/A tests

##### Test Success

**N/A**

N/A failures

N/A errors

#### Coding Rules Issues

##### Technical Debt

**284d**

##### Issues

**18,200**

### 1.2. Issues Analysis

Most violated rules	
Throwable and Error should not be caught	7
"equals(Object obj)" and "hashCode()" should be overridden in pairs	5
Throwable.printStackTrace(...) should not be called	21
"equals(Object obj)" should be overridden along with the "compareTo(T obj)" method	6

Thread.run() and Runnable.run() should not be called directly	1
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Most violated files	
ClientLoanIntegrationTest.java	876
RecurringDepositTest.java	465
FixedDepositTest.java	400
Loan.java	287
AccountingScenarioIntegrationTest.java	275

Most complex files	
Loan.java	1,385
SavingsAccount.java	606
LoanWritePlatformServiceJpaRepositoryImpl.java	460
AbstractLoanScheduleGenerator.java	453
LoanProductDataValidator.java	379

Most duplicated files	
ClientLoanIntegrationTest.java	2,802
RecurringDepositTest.java	2,422
FixedDepositTest.java	1,956
ClientSavingsIntegrationTest.java	1,495
ShareAccountIntegrationTests.java	688

### 1.3. Issues Details

Rule	Throwable and Error should not be caught	
File	Line	
BatchApiServiceImpl.java	155	
CommandHandlerProvider.java	92	
AbandonedConnectionCleanupShutdownListener.java	65, 53	
JobRegisterServiceImpl.java	175, 271	
ReportingProcessServiceProvider.java	78	

Rule	"equals(Object obj)" and "hashCode()" should be overridden in pairs	
File	Line	
LoanProductProvisioningEntry.java	120	
LoanDisbursementDetails.java	70	
LoanProductBorrowerCycleVariations.java	84	
SavingsAccountCharge.java	694	
ShareAccountCharge.java	419	

Rule	Throwable.printStackTrace(...) should not be called	
File	Line	
AccountingScenarioIntegrationTest.java	795, 707, 1071, 591	
ClientLoanIntegrationTest.java	2679, 2480, 2882	
ClientSavingsIntegrationTest.java	1982	
LoanDisbursementDetailsIntegrationTest.java	474	
ProvisioningIntegrationTest.java	245	
Utils.java	126	
ImageData.java	203	
FineractEntityAccessWriteServiceImpl.java	170	
XBRLResultServiceImpl.java	182	
CalendarUtils.java	120, 217	
TemplateMergeService.java	177	
Utils.java	111	
XBRLBuilderTest.java	85, 88	

Rule	"equals(Object obj)" should be overridden along with the "compareTo(T obj)" method	
File	Line	
Money.java	245	
ProvisioningCriteriaData.java	88	
ProvisioningCriteriaDefinitionData.java	101	
LoanChargeCommand.java	53	
DisbursementData.java	70	
LoanTermVariationsData.java	107	

Rule	Thread.run() and Runnable.run() should not be called directly	
File	Line	
SchedulerStopListener.java	75	

Rule	The Array.equals(Object obj) method should not be used	
File	Line	
OfficeDomain.java	147	

Rule	"object == null" should be used instead of "object.equals(null)"	
File	Line	
ResponseCorsFilter.java	45	

Rule	Statements should be on separate lines	
File	Line	
ClientLoanIntegrationTest.java	4323	
LoanRepaymentRescheduleAtDisbursementTest.java	195	
LoanReschedulingWithinCenterTest.java	335	
CenterDomain.java	127, 220, 151, 223, 152, 130, 129, 225, 128, 221, 227, 236, 234, 226, 240, 219, 217	

Rule	Standard outputs should not be used directly to log anything	
File	Line	
AccountNumberPreferencesTest.java	430, 197, 388, 193, 480, 410, 437, 395, 157, 483, 249, 201, 228, 154, 401, 256, 454, 427, 185, 214	

Rule	Local variable and method parameter names should comply with a naming convention	
File	Line	
AccountNumberPreferencesTest.java	321, 290	
AccountingScenarioIntegrationTest.java	981, 982, 744, 1005, 841, 839, 991, 445, 613, 359, 715, 164, 712, 581, 931, 767, 838, 176	