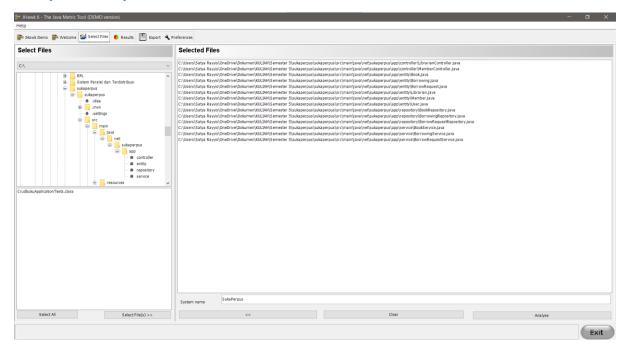
Nama file: SukaPerpus: Library Management System

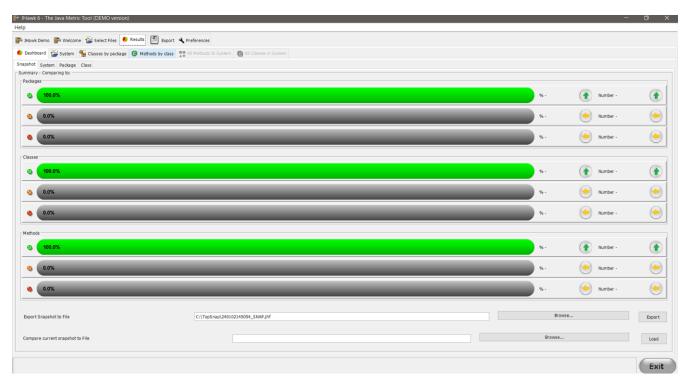
Software yang digunakan : Jhawk 6.1.7 All JHAWK

Total jumlah file java: 14 file

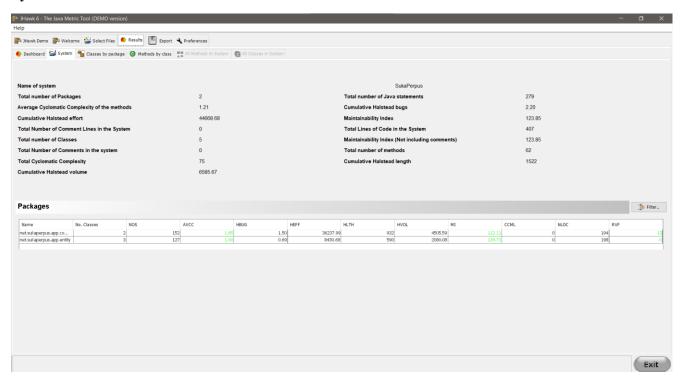


Setelah meng-klik Analyze, maka result yang keluar adalah sebagai berikut:

Dashboard



System



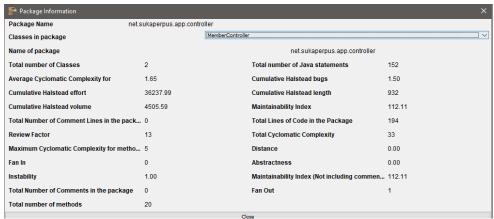
Klik package yang terdapat di bagian Packages, yang dimana terdiri dari dua package, diantaranya :

net.sukaperpus.app.controller
Memiliki dua class didalamnya, diantaranya :

LibrarianController



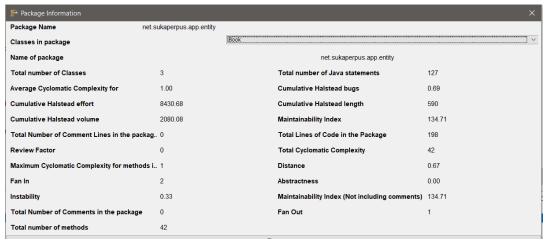
• MemberController



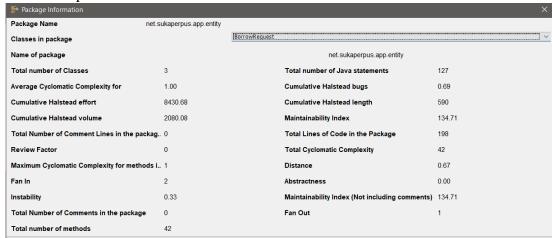
2. net.sukaperpus.app.entity

Memiliki tiga class didalamnya, diantaranya:

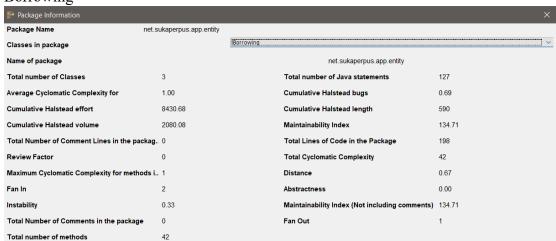
Book



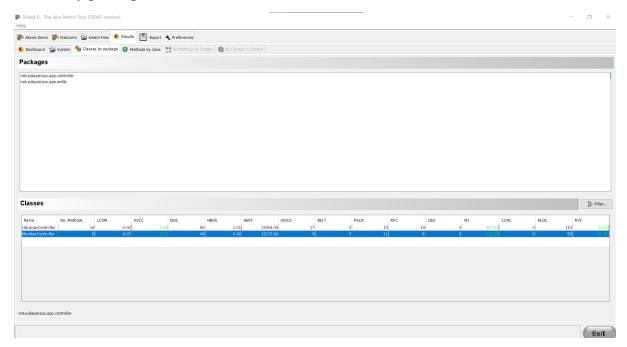
BorrowRequest



Borrowing

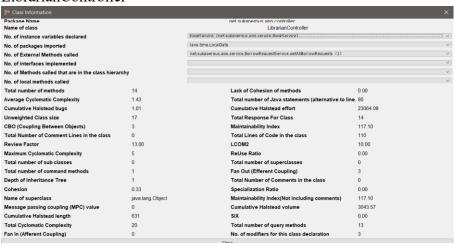


Classes by packages

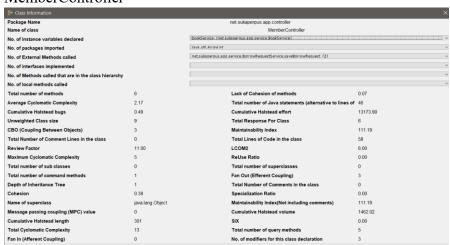


1. net.sukaperpus.app.controller Memiliki dua class didalamnya, diantaranya :

• LibrarianController



MemberController



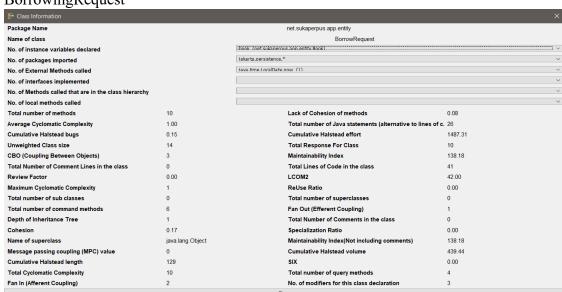
2. net.sukaperpus.app.entity

Memiliki tiga class didalamnya, diantaranya:

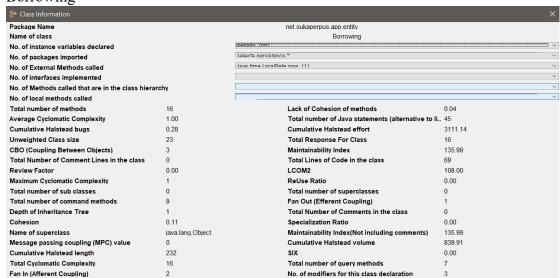
Book

20011			
Class Information			×
Package Name		net.sukaperpus.app.entity	
Name of class		Book	
No. of instance variables declared		SENO, YTAVAJANO, SIMONI	i v
No. of packages imported		lakarta.nersistence.**	V
No. of External Methods called			V
No. of interfaces implemented			v
No. of Methods called that are in the class hierarc	hy		V
No. of local methods called			v
Total number of methods	16	Lack of Cohesion of methods	0.09
Average Cyclomatic Complexity	1.00	Total number of Java statements (alternative to lines o	. 45
Cumulative Halstead bugs	0.27	Cumulative Halstead effort	3832.24
Unweighted Class size	23	Total Response For Class	16
CBO (Coupling Between Objects)	4	Maintainability Index	135.28
Total Number of Comment Lines in the class	0	Total Lines of Code in the class	77
Review Factor	0.00	LCOM2	114.00
Maximum Cyclomatic Complexity	1	ReUse Ratio	0.00
Total number of sub classes	0	Total number of superclasses	0
Total number of command methods	9	Fan Out (Efferent Coupling)	0
Depth of Inheritance Tree	1	Total Number of Comments in the class	0
Cohesion	0.06	Specialization Ratio	0.00
Name of superclass	java.lang.Object	Maintainability Index(Not including comments)	135.28
Message passing coupling (MPC) value	0	Cumulative Halstead volume	800.73
Cumulative Halstead length	229	SIX	0.00
Total Cyclomatic Complexity	16	Total number of query methods	7
Fan In (Afferent Coupling)	4	No. of modifiers for this class declaration	3

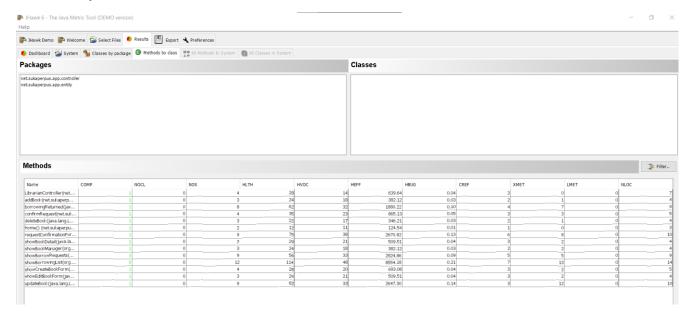
BorrowingRequest



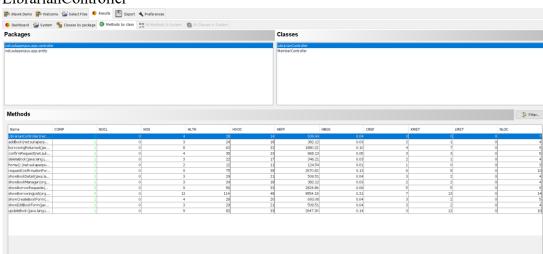
Borrowing



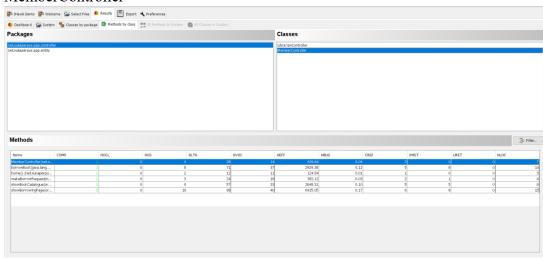
Methods by class



- 1. net.sukaperpus.app.controller Memiliki dua class didalamnya, diantaranya :
 - LibrarianController

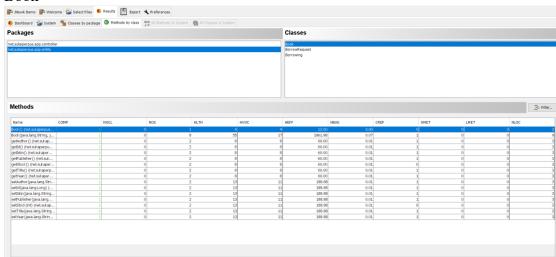


• MemberController

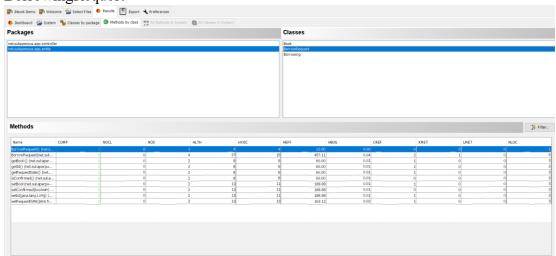


2. net.sukaperpus.app.entity Memiliki tiga class didalamnya, diantaranya :

Book



• BorrowingRequest



Borrowing

