SOFTWARE CODING (METRICS)

1. LOC METRICS FOR THE PROJECT

a) Project LOC Metrics

Package metrics | Module metrics | File type metrics | Project metrics

project	L(Groovy)	L(HTML)	L(J)	L(XML)	LOC	LOCp	LOCt	NCLOC	NCLOCp	NCLOCt
project	61	194,359	719	919	1,557,895	1,522	35	848,861	1,437	24

b) Module LOC Metrics

Package metrics | Module metrics | File type metrics | Project metrics

module	L(Groovy)	L(HTML)	L(J)	L(XML)	LOC	LOCp	LOCt	NCLOC	NCLOCp	NCLOCt
app	40	0	719	919	1,757	1,522	35	1,660	1,437	24
Festeve2	21	194,359	0	0	1,556,138	0	0	847,201	0	0
Total	**61**	**194,359**	**719**	**919**	**1,557,895**	**1,522**	**35**	**848,861**	**1,437**	**24**
Average	30.50	97,179.50	359.50	459.50	778,947.50	761.00	17.50	424,430.50	718.50	12.00

c) File Type LOC Metrics

Package metrics | Module metrics | File type metrics | Pro

file type	LOC	NCLOC
C#	458	458
CSS	1,127	1,127
Groovy	61	60
HTML	194,359	194,125
Java	719	624
JavaScript	1,410	1,410
JSON	63	63
Perl	649,962	649,962
ProGuard Rules Language File	15	15
Properties	30	7
Text	708,680	
XML	919	918
YAML	92	92
Total	**1,557,895**	**848,861**
Average	119,838.08	70,738.42

d) Package LOC Metrics

Package metrics | Module metrics | File type metrics | Project metrics

package	LOC	LOC(rec)	LOCp	LOCp(rec)	LOCt	LOCt(rec)
		1,557		1,522		35
com		719		684		35
com.example		719		684		35
com.example.android		719		684		35
com.example.android.festeve	719	719	684	684	35	35
drawable	9	9	9	9	0	0
drawable-v21	57	57	57	57	0	0
layout	633	633	633	633	0	0
menu	64	64	64	64	0	0
values	61	61	61	61	0	0
values-v21	8	8	8	8	0	0
values-w820dp	6	6	6	6	0	0
Total	**1,557**		**1,522**		**35**	
Average	194.62		190.25		4.38	

2.

2. CYCLOMATIC COMPLEXITY

a) Class Metrics

Method metrics | Class metrics | Package metrics | Module metrics | Project metrics

class	OCavg	WMC
com.example.android.festeve.AddEventsActivity	1.00	1
com.example.android.festeve.Config		0
com.example.android.festeve.create_fest	1.50	3
com.example.android.festeve.createFestclass	1.00	9
com.example.android.festeve.enrollment	1.00	1
com.example.android.festeve.Event_lists	1.00	1
com.example.android.festeve.ExampleInstrumentedTest	1.00	1
com.example.android.festeve.ExampleUnitTest	1.00	1
com.example.android.festeve.fest_feeds	1.00	1
com.example.android.festeve.fest_on_open	1.00	1
com.example.android.festeve.FestCalendarActivity	1.00	1
com.example.android.festeve.FrontActivity	2.67	16
com.example.android.festeve.intrested	1.00	1
com.example.android.festeve.LoginActivity	2.28	41
com.example.android.festeve.LoginActivity.UserLoginTa	1.75	7
com.example.android.festeve.searchresult	1.00	1
com.example.android.festeve.SelectFestActivity	1.33	4
com.example.android.festeve.ViewEnrollmentActivity	1.00	1
Total		**91**
Average	1.72	5.06

b) Method Metrics

Method metrics | Class metrics | Package metrics | Module metrics | Project metrics

method	ev(G)	iv(G)	v(G)
com.example.android.festeve.AddEventsActivity.onCrea	1	1	1
com.example.android.festeve.create_fest.onCreate(Bund	1	2	2
com.example.android.festeve.createFestclass.createFestc	1	1	1
com.example.android.festeve.createFestclass.getCity()	1	1	1
com.example.android.festeve.createFestclass.getCollege	1	1	1
com.example.android.festeve.createFestclass.getDate()	1	1	1
com.example.android.festeve.createFestclass.getFestNar	1	1	1
com.example.android.festeve.createFestclass.setCity(Stri	1	1	1
com.example.android.festeve.createFestclass.setCollege(	1	1	1
com.example.android.festeve.createFestclass.setDate(Str	1	1	1
com.example.android.festeve.createFestclass.setFestNan	1	1	1
com.example.android.festeve.enrollment.onCreate(Bunc	1	1	1
com.example.android.festeve.Event_lists.onCreate(Bund	1	1	1
com.example.android.festeve.ExampleInstrumentedTest	1	1	1
com.example.android.festeve.ExampleUnitTest.addition_	1	1	1
com.example.android.festeve.fest_feeds.onCreate(Bundl	1	1	1
com.example.android.festeve.fest_on_open.onCreate(Bu	1	1	1
com.example.android.festeve.FestCalendarActivity.onCr	1	1	1
com.example.android.festeve.FrontActivity.onBackPress	1	2	2
com.example.android.festeve.FrontActivity.onCreate(Bu	1	1	1
com.example.android.festeve.FrontActivity.onCreateOpt	1	1	1
com.example.android.festeve.FrontActivity.onNavigatio	1	10	10
com.example.android.festeve.FrontActivity.onOptionsIte	1	1	1
com.example.android.festeve.intrested.onCreate(Bundle	1	1	1
com.example.android.festeve.intrested.onCreate(Bundle	1	1	1
com.example.android.festeve.LoginActivity.addEmailsTc	1	1	1
com.example.android.festeve.LoginActivity.attemptLogi	2	6	7
com.example.android.festeve.LoginActivity.isEmailValid(	1	1	1
com.example.android.festeve.LoginActivity.isPasswordV	1	1	1
com.example.android.festeve.LoginActivity.mayRequest	3	2	4
com.example.android.festeve.LoginActivity.onCreate(Bu	2	2	3
com.example.android.festeve.LoginActivity.onCreateLoa	1	1	1
com.example.android.festeve.LoginActivity.onLoaderRe:	1	1	1
com.example.android.festeve.LoginActivity.onLoadFinis	1	2	2
com.example.android.festeve.LoginActivity.onRequestP	1	3	4
com.example.android.festeve.LoginActivity.populateAut	2	1	2
com.example.android.festeve.LoginActivity.setupAction	1	2	2
com.example.android.festeve.LoginActivity.showProgre:	1	2	10
com.example.android.festeve.LoginActivity.UserLoginTa	3	3	4
com.example.android.festeve.LoginActivity.UserLoginTa	1	1	1
com.example.android.festeve.LoginActivity.UserLoginTa	1	2	2
com.example.android.festeve.LoginActivity.UserLoginTa	1	1	1
com.example.android.festeve.searchresult.onCreate(Bun	1	1	1
com.example.android.festeve.SelectFestActivity.onCreat	1	2	2
com.example.android.festeve.ViewEnrollmentActivity.or	1	1	1
Total	**51**	**71**	**86**
Average	1.16	1.61	1.95

c) Module Metrics

Method metrics | Class metrics | Package metri

module	v(G)avg	v(G)tot
app	1.95	86

d) Package Metrics

Method metrics | Class metrics | Package metrics | Module

package	v(G)avg	v(G)tot
com.example.android.festeve	1.95	86

e) Project Metrics

Method metrics | Class metrics | Package metrics | Module metrics | Project metrics

project	v(G)avg	v(G)tot
project	1.95	86

3) NUMBER OF FILES METRICS

a) Filetype Metrics

Metrics Number of files metrics for Project 'Festeve2' from Sun, 20 Nov 2016 04:27:44 IST

Module metrics | File type metrics | Project metrics

file type	FILES
C#	1
CSS	3
Groovy	3
HTML	238
Java	17
JavaScript	2
JSON	1
Perl	1,262
ProGuard Rules Language File	1
Properties	3
Text	2,931
XML	35
YAML	1
Total	**4,498**
Average	346.00

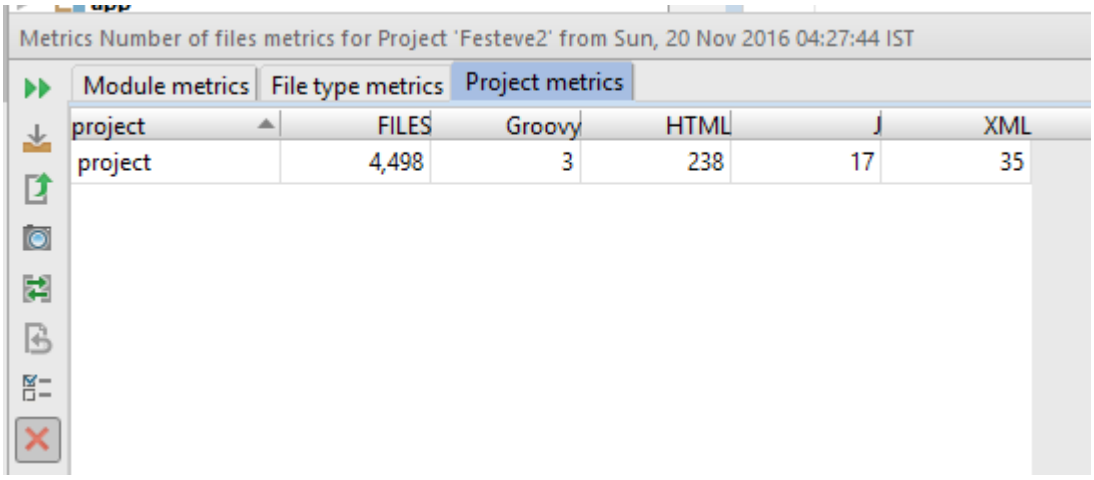
b) Module Metrics

Metrics Number of files metrics for Project 'Festeve2' from Sun, 20 Nov 2016 04:27:44 IST

Module metrics | File type metrics | Project metrics

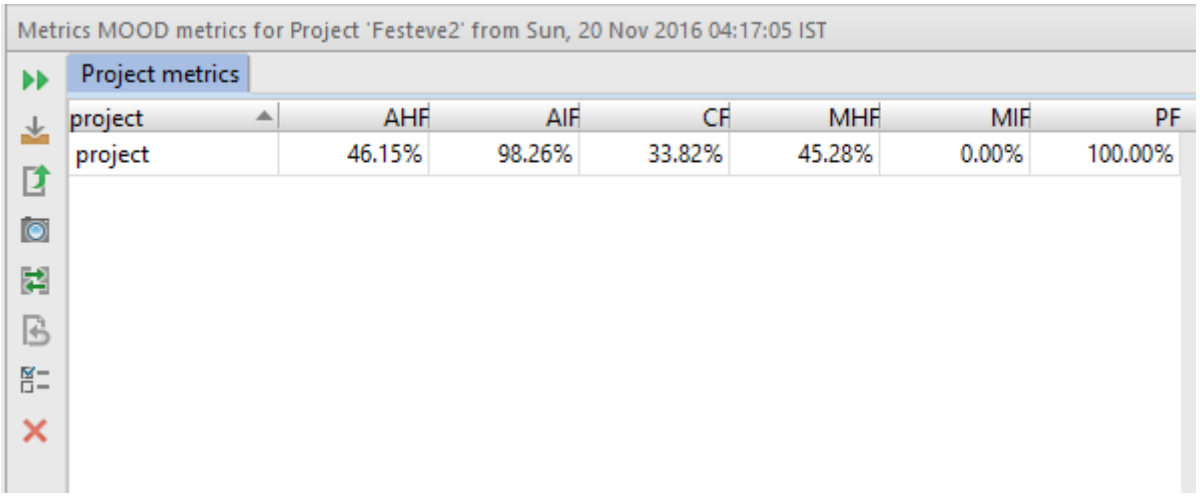
module	FILES	Groovy	HTML	J	XML
app	0	1	0	17	35
Festeve2	0	2	238	0	0
Total	**0**	**3**	**238**	**17**	**35**
Average	0.00	1.50	119.00	8.50	17.50

c) Project Metrics



project	FILES	Groovy	HTML	J	XML
project	4,498	3	238	17	35

4. MOOD METRICS



project	AHF	AIF	CF	MHF	MIF	PF
project	46.15%	98.26%	33.82%	45.28%	0.00%	100.00%