

	fsca(f)	ftang(f)
PHC-Healthwatcher	0.111	0.151
standalone-Healthwatcher	0.150	0.267

PHC-Healthwatcher																
Features/Architectural Elements	complaintmgr	concurrency	concurrency_connvp	datatypes	distribution	distribution_connvp	exceptionhandling	exceptionhandling_connvp	infrastructuremgt	infrastructure_supportservices	persistence	persistence_connvp	rmiconnector	supportservicesmgr	userinterface	sca(f)
PublicHealthComplaint	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14
Persistence	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	2
Database	1	0	0	1	0	0	0	0	1	0	0	0	0	1	0	3
Mysql	1	0	0	1	0	0	0	0	1	0	0	0	0	1	0	3
Computer Infrastructure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1
Hardware	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1
2.0GHz, 1GB RAM, netCard 3com	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1
software	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1
ubuntu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1
Usability	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1
User interface	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1
java servlets	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1
Distribution	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	3
Java RMI	0	0	0	1	1	1	0	0	0	0	0	0	1	0	1	4
Compatibility	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1
Standards	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1
Performance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1
response time	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1
security	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	3
encryption	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	3
availability	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	2
exception handling	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	2
complaint management	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2
complaint specification	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2
food complaint	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2
animal complaint	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2
special complaint	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2
support services for users	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	2
query information	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
infrastructure management	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	2
register tables	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1
upate employee	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	2
login	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	2
logout	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	2
change logged employee	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	2
register new employee	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	2
update health unit	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	2
concurrency	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	2
tang(f)	7	1	1	24	4	4	2	2	9	1	1	1	4	4	21	

PHC-Healthwatcher	
# modules	15
# features	38
sum sca(f)	63
fscaf(f)	0.111
sum tang(f)	86
ftang(f)	0.151

Features/Architectural Elements	client.distribution	business	concurrency	datalayer	gui	hwtimestamp	server.distribution	sca(f)
PublicHealthComplaint	1	1	1	1	1	1	1	6
Persistence	0	0	0	1	0	0	0	0
Database	0	0	0	1	0	0	0	0
Mysql	0	0	0	1	0	0	0	0
Computer Infrastructure	0	0	0	0	0	0	0	-1
Hardware	0	0	0	0	0	0	0	-1
2.0GHz, 1GB RAM, netCard 3com	0	0	0	0	0	0	0	-1
software	0	0	0	0	0	0	0	-1
ubuntu	0	0	0	0	0	0	0	-1
Usability	0	0	0	0	1	0	0	0
User interface	0	0	0	1	1	0	0	1
java servlets	0	0	0	1	1	0	0	1
Distribution	1	1	0	1	1	0	1	4
Java RMI	1	1	0	1	0	0	1	3
Compatibility	0	0	0	0	0	0	0	-1
Standards	0	0	0	0	0	0	0	-1
Performance	0	0	0	0	0	0	0	-1
response time	0	0	0	0	0	0	0	-1
security	1	0	0	0	0	0	1	1
encryption	1	0	0	0	0	0	1	1
availability	0	0	0	1	1	0	0	1
exception handling	0	0	0	1	1	0	0	1
complaint management	0	1	0	1	1	0	0	2
complaint specification	0	1	0	1	1	0	0	2
food complaint	0	1	0	1	1	0	0	2
animal complaint	0	1	0	1	1	0	0	2
special complaint	0	1	0	1	1	0	0	2
support services for users	0	1	0	1	1	0	0	2
query information	0	1	0	1	1	0	0	2
infrastructure management	0	1	0	1	1	0	0	2
register tables	0	1	0	1	1	0	0	2
upate employee	0	1	0	1	1	0	0	2
login	0	1	0	1	1	0	0	2
logout	0	1	0	1	1	0	0	2
change logged employee	0	1	0	1	1	0	0	2

SOC								
register new employee	0	1	0	1	1	0	0	2
update health unit	0	1	0	1	1	0	0	2
concurrency	0		1	0	0	0	0	0
tang(f)	4	17	1	24	21	0	4	

standalone-Healthwatcher	
# modules	7
# features	38
sum sca(f)	40
fscaf(f)	0.150
sum tang(f)	71
ftang(f)	0.267