Source	Implementation Smell	Package Name	File Name	Class Name	Method Name	Cause of Smell	Resolved	Remarks
	Implementation officer	Tuchinge Thinne	The Hume	Citio Hume	Detrou Tume		ACCOUNTED	
code quality integration report in								
CI/CD pipelines	Complex Method	account/views/github	config.py	GitHubConfigurationView	get	Function `get` has a Cognitive Complexity of 15 (exceeds 5 allowed).	TRUE	The Function was refactored and modularized to reduce the complexity.
code quality integration report in	complex method	accounty views/ginius	comg.py	Ottrubeomigarationview	Sec	Tunction get has a cognitive complexity of an execution and real.	INCL	The Function was related to und institutional to reduce the complexity.
CI/CD pipelines	Complex Method	account/views/github	config.py	GitHubConfigurationView	post	Function `post` has a Cognitive Complexity of 15 (exceeds 5 allowed).	TRUE	The Function was refactored and modularized to reduce the complexity.
co, co popular						and the same and t		
code quality integration report in						Function `get_pull_requests_status` has a Cognitive Complexity of 24 (exceeds 5		
CI/CD pipelines	Complex Method	account/proxies	dashboard fetch.pv	DashBoardFetch	get pull requests status	allowed).	TRUE	The Function was refactored and modularized to reduce the complexity.
, , , , , , , , , , , , , , , , , , , ,		7.						
code quality integration report in						Function 'refactor change code' has a Cognitive Complexity of 7 (exceeds 5		
CI/CD pipelines	Complex Method	service/models/github	refactor.pv	GithubRefactorService	refactor change code	allowed).	FALSE	The Cognitive complexity of 7 is manageable. Hence not refactored.
code quality integration report in						Function 'configure target branches' has a Cognitive Complexity of 6 (exceeds		
CI/CD pipelines	Complex Method	account/views/github	config.py	GitHubConfigurationView	configure target branches	5 allowed).	FALSE	The Cognitive complexity of 6 is manageable. Hence not refactored.
	•							
code quality integration report in								All the parameters are required for the function and cannot be simplified further. 8
CI/CD pipelines	Long Parameter List	core/utils/	requests.py		fetch	Function 'fetch' has 8 arguments (exceeds 4 allowed)	FALSE	parameters is manageable.
code quality integration report in								
CI/CD pipelines	Complex Method	core/utils/	requests.py		fetch	Function `fetch` has a Cognitive Complexity of 13 (exceeds 5 allowed).	FALSE	The function is not very complex. Hence not refactored
	_							
code quality integration report in						Function `process_target_branches` has a Cognitive Complexity of 6 (exceeds 5		
CI/CD pipelines	Complex Method	account/views/github	config.py	GitHubConfigurationView	process_target_branches	allowed).	FALSE	The Cognitive complexity of 6 is manageable. Hence not refactored.
code quality integration report in						Function 'validate_configurations' has a Cognitive Complexity of 10 (exceeds 5		
CI/CD pipelines	Complex Method	service/models/github	bot.py	GithubBot	validate_configurations	allowed).	FALSE	The function is not very complex. Hence not refactored
						'Second Repository' and 'https://github.com/username/repo2' are used in		
Sonarqube code analysis	Duplicate Code	service/test	test bot.py	BotTestCase		multiple places.	TRUE	A variable is declared to hold these values. Code refactored.
			_					
Sonarqube code analysis	Unnecessary	account/views/github	config.py	GitHubConfigurationView	get	repo instance variable is declared but not used.	TRUE	The varialbe is removed. Code refactored.
	Complex Conditional		-	GitHubConfigurationView	validate configuration	if not max lines > 0 has unnecessary operations its complex.	TRUE	Converted to if max_lines <= o and if commit_interval <= o repectively. Code refactored.
Sonarqube code analysis	Complex Conditional	account/views/github	config.py	GitHubConfigurationView	validate configuration	if not max lines > 0 has unnecessary operatiors, its complex.	TRUE	refactored.
Sonarqube code analysis	Duplicate Code	account/test	test authorization.pv	GitHubAccountTest		"test@test.com" and "Test Co" are used in multiple places.	TRUE	Variables are declared to hold these values. Code refactored.
Sonarquibe code analysis	Duplicate Code	account/test	test_autnorization.py	GitHubAccountTest		test@test.com and Test Co are used in multiple places.	IRUE	variables are deciared to noid these values. Code refactored.
Sonarqube code analysis	Unnecessary	account/test	test branch.pv	BranchTestCase	test cleanup	Variables branch1 and branch2 are declared but not used.	TRUE	The unused variables are removed. Code refactored.
Sonarquibe code analysis	Unnecessary	account/test	test branch.py	Branch LestCase	test cleanup	variables branchi and branch2 are declared but not used.	IRUE	The unused variables are removed, code relactored.
						Variables user conf,source config1,source config2 and target config are		
Sonarqube code analysis	Unnecessary	account/test	test config.pv	GitHubConfigurationViewTestCase		declared but not used.	TRUE	The unused variables are removed. Code refactored.
contrigute code analysis	Officeessary	account/test	teat conng.py	GittubComigurationviewrestCase	_	decimed but not used.	INUE	The unused variables are removed, code relacioned.
						"Test Pull Request", "Commit message", "2023-01-01T00:00:00Z", and		
Sonarqube code analysis	Duplicate Code	account/test	test dashboard fetch.p	Dash Roard Fetch Tests		"test user/test repo" are used in multiple places.	TRUE	Variables are declared to hold these values. Code refactored.
	Duplicate Code	uccount, test	teor dubinboard leten.p	T DIBITION OF CICH & COLO			IKUE	
Sonarqube code analysis	Duplicate Code	account/test	test pull details.pv	PullDetailsTestCase		"Sample Pull Request" is used in multiple places.	TRUE	A variable is declared to hold these values. Code refactored.
and the concumulation	- aparente couc		pun ucumopy	- IIII IIII I COCCUOC	+	and the second s	111013	
Sonarqube code analysis	Adaptability issue	account/migrations	0001 initial py			Define a constant instead of duplicating this literal 'account user account' 7 times.	FALSE	This file is auto generated. So its a false positive code smell. Hence not refactored

Smells	Explanation		
Complex Method	This smell arises when an inheritance hierarchy is "too" wide indicating that intermed types may be missing.		
Long Parameter List	This smell arises when an abstraction has more than one responsibility assigned to it.		
Duplicate Code	This smell occurs when same code structure is duplicated to multiple places within a software system.		
Unnecessary	This smell occurs when a variable is declared but not used anywhere.		