

Design Smell	Package Name	File Name	Class Name	Cause of Smell	Resolved	Description
Wide Hierarchy	account/models	configuration.py	UserConfiguration	class UserConfiguration(models.Model): The model is extending Model and not our implementation BaseModel.	TRUE	refactored and made UserConfiguration extend BaseModel. class UserConfiguration(BaseModel):
Multifaceted Abstraction	account/proxies	github_account.py	GitHubAccount	The Function "fetch_configurations" is inside the class GitHubAccount. It should be moved to class "UserConfiguration" in configuration.py	TRUE	Moved to UserConfiguration class. Code Refactored.
Multifaceted Abstraction	account/proxies	github_account.py	GitHubAccount	The Function "fetch_repositories" is inside the class "GitHubAccount". It should be moved to class "Repository" in repository.py	TRUE	Moved to Repository class. Code Refactored.
	account	urls.py		urlpatterns = [path("github/", include(github_urlpatterns)), path("session/", GithubAuthorizationView.as_view()), path("logout/", GithubAuthorizationView.as_view()), path("dashboard/home/", GithubDashboardView.as_view()),] GithubAuthorizationView is specific for GitHub and hence should not be used with "session/" and "logout/". "session/" and "logout/" are general items that can either use GitHub or GitLab or Bitbucket.	FALSE	Now we are supporting only GitHub for authorization. So, its not necessary to refactor this design.

Smells	Explanation
Wide Hierarchy	This smell arises when an inheritance hierarchy is "too" wide indicating that intermediate types may be missing.
Multifaceted Abstraction	This smell arises when an abstraction has more than one responsibility assigned to it.