

Bugger Schema

Bug (BugID, Description, ProjectID, ReporterID, EngineerID, QAID, Status, FoundInVersion, FixedInVersion, Component, CreatedOn, LastModified, Priority)

Foreign Key: ProjectID references Project

Foreign Key: ReporterID references User

Foreign Key: EngineerID references User

Foreign Key: QAID references User

Foreign Key: FoundInVersion references ProjectVersions

Foreign Key: FixedInVersion references ProjectVersions

Foreign Key: Component references ProjectComponets

BugComments (BugID, Comment)

Foreign Key: BugID references Bug

Project (ProjectID, ProjectName)

ProjectVersions (ProjectID, ProjectVersion)

Foreign Key: ProjectID references Project

ProjectComponets (ProjectID, ProjectCompnent)

Foreign Key: ProjectID references Project

ProjectPermissions (ProjectID, PermissionID)

Foreign Key: ProjectID references Project

Foreign Key: PermissionID references Permissions

User (UserID, Username, Email, Password, Alias, FirstName, LastName)

UserPermissions (UserID, PermissionID)

Foreign Key: UserID references User

Permissions (PermissionID, PermissionName)

There are 4 objects being represented in the tables here (Projects, Bugs, Users, and Permissions). I've done the best I can to normalize the tables (thus why there are so many).