Redmine - Defect #32558

Distinct can be removed

2019-12-06 04:07 - jwjw yy

Status:	New	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:			
Resolution:		**Affected version:**	

Description

In apps/redmine/app/models/project.rb, there is `User.active.joins(:members).where("#{Member.table_name}.project_id = ?", id).distinct`. which will be translated to `SELECT DISTINCT users.* FROM users INNER JOIN members ON members.user_id = users.id WHERE users.status = 1 AND (members.project_id = ?);`

Actually DISTINCT is not necessary due to the uniqueness constraint in member.rb: `validate: user_id, uniqueness: {:scope => project_id}`, which indicates that for member1(member_id1, user_id, project_id) , and member2(member_id2, user_id, project_id), there is member_id1 = member_id2. Or else the uniqueness constraint will be violated. As a result the join result will not return duplicate users.