

Implementation

Application: Votify



Date:30/03/2020

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2. Traceability Matrix

Requirements	RegisteredUser.addProject	RegisteredUser.addGroup	RegisteredUser.banUser	RegisteredUser.unbanUser	RegisteredUser.leaveCreatedGroup	RegisteredUser.acceptRegistration	RegisteredUser.rejectRegistration	RegisteredUser.update	RegisteredUser.getNotificationSelected	RegisteredUser.getNotificationsMessages	Project.adminAcceptProject	Project.adminRejectProject	Project.getState	Project.getActualVotes	Project.notifyObservers
2.1.1.1 . Fill in the registration form															
2.1.2.1 . Logout/login.															
2.1.2.2 . Query groups or projects.															
2.1.2.3 . Subscribe to groups.															
2.1.2.3 . See notifications.								x	x	x					
2.1.2.4 . Vote for a project.															
2.1.2.5 . Unsubscribe from a group.				x											
2.1.2.6 . Create a group		x													
2.1.2.7 . Create a project	x														
2.1.2.8 . Create subgroups of a group.															
2.1.2.9 . Seeing the popularity report.													x		
2.1.2.10 . Show affinity report															
2.1.2.11 . Send the project to an external entity for funding.															
2.1.2.12 . View the state of a project.													x		
2.1.3.1 . Authorize or decline a registration.					x	x									
2.1.3.2 . Ban or unban registered users.			x	x											
2.1.3.3 . Approves or not a new group															
2.1.3.4 . Approves or not a project proposed.										x	x				
2.1.3.5 . Sets the quantity of votes for a project.															
2.1.3.6 . An administrator does everything a registered user can. *	x	x	x	x	x	x		x		x					
2.1.4.1 . The system assigns an id for each project															
2.1.4.2 . The system checks the expired projects															
2.1.4.3 . The system notifies users							x		x						x
2.1.4.3 . The system removes rejected projects															

Requirements	Project.setMinimumVotes	Project.hasVotedInGroup	Project.vote	Group.createAffinityReport	Group.createSubgroup	Group.acceptGroup	Group.rejectGroup	Group.addUser	Group.deleteUser	Group.isUserInGroup	Application.addUser	Application.addGroup	Application.addProject	Application.login	Application.logout	Application.searchGroup
2.1.1.1 . Fill in the registration form										x						
2.1.2.1 . Logout/login.												x	x			
2.1.2.2 . Query groups or projects.								x	x							x
2.1.2.3 . Subscribe to groups.																
2.1.2.3 . See notifications.																
2.1.2.4 . Vote for a project.		x	x													
2.1.2.5 . Unsubscribe from a group.								x								
2.1.2.6 . Create a group											x					
2.1.2.7 . Create a project												x				
2.1.2.8 . Create subgroups of a group.				x												
2.1.2.9 . Seeing the popularity report.																
2.1.2.10 . Show affinity report			x													
2.1.2.11 . Send the project to an external entity for funding.																
2.1.2.12 . View the state of a project.																
2.1.3.1 . Authorize or decline a registration.																
2.1.3.2 . Ban or unban registered users.																
2.1.3.3 . Approves or not a new group					x	x										
2.1.3.4 . Approves or not a project proposed.																
2.1.3.5 . Sets the quantity of votes for a project.	x															
2.1.3.6 . An administrator does everything a registered user can. *																
2.1.4.1 . The system assigns an id for each project												x				
2.1.4.2 . The system checks the expired projects																
2.1.4.3 . The system notifies users																
2.1.4.3 . The system removes rejected projects																

Requirements	Application.searchProject	Application.removeProject	Application.checkExpiredProjects	Application.getBannedUsers	Application.getPendingAcceptanceProjects	Application.getPendingAcceptanceGroups	Application.getRegisteredUsers	Application.getRegisteredUserGroups	Application.getRegisteredUserVotes	Application.getUser	Application.queryProjects	GovernmentGateway.sendProject	GovernmentGateway.checkProject
2.1.1.1 . Fill in the registration form													
2.1.2.1 . Logout/login.													
2.1.2.2 . Query groups or projects.	x					x			x	x			
2.1.2.3 . Subscribe to groups.													
2.1.2.3 . See notifications.								x					
2.1.2.4 . Vote for a project.						x							
2.1.2.5 . Unsubscribe from a group.													
2.1.2.6 . Create a group													
2.1.2.7 . Create a project													
2.1.2.8 . Create subgroups of a group.													
2.1.2.9 . Seeing the popularity report.													
2.1.2.10 .Show affinity report													
2.1.2.11. Send the project to an external entity for funding.											x		
2.1.2.12. View the state of a project.												x	
2.1.3.1 . Authorize or decline a registration.					x								
2.1.3.2 . Ban or unban registered users.			x				x						
2.1.3.3 . Approves or not a new group				x									
2.1.3.4 . Approves or not a project proposed.				x									
2.1.3.5 . Sets the quantity of votes for a project.													
2.1.3.6 . An administrator does everything a registered user can. *													
2.1.4.1 . The system assigns an id for each project													
2.1.4.2 . The system checks the expired projects			x										
2.1.4.3 . The system notifies users													
2.1.4.3 . The system removes rejected projects		x											