

# Implementation

*Application: Votify*



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## 2. Traceability Matrix

Requirements	RegisteredUser.addProject	RegisteredUser.addGroup	RegisteredUser.banUser	RegisteredUser.unbanUser	RegisteredUser.leaveCreatedGroup	RegisteredUser.acceptRegistration	RegisteredUser.rejectRegistration	RegisteredUser.update	Project.adminAcceptProject	Project.adminRejectProject
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			
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.										
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.										
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			
2.1.4.3 . The system removes rejected projects										

Requirements	Project.getState	Project.getActualVotes	Project.notifyObservers	Project.setMinimumVotes	Project.vote	Group.createAffinityReport	Group.createSubgroup	Group.acceptGroup	Group.rejectGroup	Group.addUser	Group.deleteUser
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.									x		
2.1.2.3 . See notifications.											
2.1.2.4 . Vote for a project.				x							
2.1.2.5 . Unsubscribe from a group.										x	
2.1.2.6 . Create a group											
2.1.2.7 . Create a project											
2.1.2.8 . Create subgroups of a group.						x					
2.1.2.9 . Seeing the popularity report.		x									
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.	x										
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											
2.1.4.2 . The system checks the expired projects											
2.1.4.3 . The system notifies users			x								
2.1.4.3 . The system removes rejected projects											

Requirements	Application.addUser	Application.addGroup	Application.addProject	Application.login	Application.logout	Application.searchGroup	Application.searchProject	Application.removeProject	Application.checkExpiredProject	GovernmentGateway.sendProject	GovernmentGateway.checkProject
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					
2.1.2.3 . Subscribe to groups.											
2.1.2.3 . See notifications.											
2.1.2.4 . Vote for a project.											
2.1.2.5 . Unsuscribe from a group.											
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.											
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.											
2.1.3.2 . Ban or unban registered users.											
2.1.3.3 . Approves or not a new group											
2.1.3.4 . Approves or not a project proposed.											
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			x								
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				