Sostenibilidad Ambiental traceability table

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Traceability table		
Functional requirement	**Class**	**Methods**
RF1 - Register 'Visitor' user	Main	+main(args : String[]) : void +credentialUser() : void
	Controller	+registerUser() : void
	UserCredentialService	+registerVisitor(optUser : int) : void
	User	~User(username : String, password : String)
	Visitor	~Visitor(username : String, password : String)
RF2 - Register 'Data Gatherer' User	Main	+main(args : String[]) : void +credentialUser() : void
	Controller	+registerUser() : void
	UserCredentialService	+registerVisitor(optUser : int) : void
	User	~User(username : String, password : String)
	DataGatherer	~DataGatherer(username : String, password : String, fullName : String, email : String, phone : String)
RF3 - Register 'Researcher' User	Main	+main(args : String[]) : void +credentialUser() : void
	Controller	+registerUser() : void
	UserCredentialService	+registerVisitor(optUser : int) : void
	User	~User(username : String, password : String)
	Researcher	~Researcher(username : String, password : String, fullName : String, email : String, phone : String, universityArea : String, position : String)
RF4 - Link Collectors to a Project	Main	+menuUser(userType : int) : void
	Controller	+linkDataGatherersToProject() : void
	UserCredentialService	+searchDataGatherer(idDataGatherer : String) : model.DataGatherer +searchDataGathererAssociated(associatedDataGatherers : ArrayList<model.DataGatherer>) : boolean
	ProjectManagementService	+linkDataGatherersToProject(idProject : String, idDataGatherer : String) : void
RF5 - Approve 'Review'	Main	+menuUser(userType : int) : void

Type Evidences	Controller	+reviewEvidences() : void
	Project	#reviewReviews() : void
RF6 - Create Comments	Main	+menuUser(userType : int) : void
	Controller	+addCommentToPoint() : void
	MapUniversity	+addCommentToPoint(loggedInID : int) : void
RF7 - Register Projects	Main	+menuUser(userType : int) : void
	Controller	+createProject() : void
	Project	~Project(nameProject : String, description : String, pilar : model.Pilar, initialDate : String, finalDate : String, status : boolean)
	ProjectManagement Service	+createProject() : void
RF8 – Update project	Main	+menuUser(userType : int) : void
	Controller	+createProject() : void
	Project	All attributes setters
	ProjectManagement Service	+updateProject(idProject : String) : void
RF9 – Delete project	Main	+menuUser(userType : int) : void
	Controller	+deleteProject() : void
	ProjectManagement Service	+deleteProject(idProject : String) : void
RF10 – Register of project's evidence	Main	+menuUser(userType : int) : void
	Controller	+createEvidence(userType : int) : void
	Project	#createEvidence(userType : int) : void -createCommonEvidence(nameEvidence : String, registerDate : String) : void
	Evidence	~Evidence(nameEvidence : String, registerDate : String, availability : boolean, typeEvidence : model.CharTypeEvidence, url : String)
	EvidenceProject	~EvidenceProject(nameEvidence : String, registerDate : String, availability : boolean, typeEvidence : model.CharTypeEvidence)
RF11 - Register evidences review's type	Main	+menuUser(userType : int) : void
	Controller	+createEvidence(userType : int) : void
	Project	#createEvidence(userType : int) : void -createReview(nameEvidence : String, registerDate : String, userType : int) : void

	Review	~Review(nameEvidence : String, registerDate : String, availability : boolean, typeEvidence : model.CharTypeEvidence, evidenceStatus : boolean, listUrl : String[])
	EvidenceProject	~EvidenceProject(nameEvidence : String, registerDate : String, availability : boolean, typeEvidence : model.CharTypeEvidence)
RF12 – Modify evidence	Main	+menuUser(userType : int) : void
	Controller	+updateEvidence() : void
	Project	#updateEvidence(idEvidence : String) : void
	Review	All attributes setters
	Evidence	All attributes setters
	EvidenceProject	All attributes setters
RF13 - Deactivate evidence	Main	+menuUser(userType : int) : void
	Controller	+deactivateEvidence() : void
	Project	#ActivateDeactivateEvidence(idEvidence : String) : void
RF14 - Register of interest's points	Main	+menuUser(userType : int) : void
	MapUniversity	#addInterestPoint(point : model.InterestPoint) : void
	InterestPoint	~InterestPoint(namePoint : String, xAxis : int, yAxis : int, codeQr : String) +addEvidence(evidence : model.EvidenceProject) : void
	Project	-linkInterestPoint(evidence : model.EvidenceProject) : void
	ProjectManagement Service	#findEvidenceProject(evidenceProject : model.EvidenceProject) : String
RF15 - Modify interest's points	MapUniversity	#updatePoint(x : int, y : int) : void
	InterestPoint	All attributes setters
	Controller	+updateInterestPoint() : void
	Main	+menuUser(userType : int) : void
RF16 - Delete interest's points	MapUniversity	#deletePoint(x : int, y : int) : void
	Controller	+deleteInterestPoint() : void
	Main	+menuUser(userType : int) : void
RF17 - Map visualization	MapUniversity	#showMap(project : model.Project) : void

	Controller	+visualizeMap() : void -filterByPillar() : void -filterByProject() : void
	Main	+menuUser(userType : int) : void
RF18 - Query project	Main	+menuUser(userType : int) : void
	Controller	+seeProject() : void
	ProjectManagement Service	#searchProject(idProject : String) : model.Project +queryProject(idProject : String) : void
	Project	All attributes getters
RF19 – Query pillar	Main	+menuUser(userType : int) : void
	Controller	+visualizeMap() : void
	ProjectManagement Service	#searchProject(idProject : String) : model.Project +queryProject(idProject : String) : void +showPillarInfo() : void
R20 – Query interest's point	Main	+menuUser(userType : int) : void
	Controller	+visualizeMap() : void
	MapUniversity	#showPoint(x : int, y : int) : void
	InterestPoint	All attributes getters +getAmountComments() : int #showEvidences() : void -searchEvidence(idEvidence : String) : model.EvidenceProject