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MATRIZ DE TRAZABILIDAD
Cop16

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Requerimiento Funcional	Nombre de la Clase	Nombre del método
RF1: Registrar voluntario en el sistema	cop16Construction	registerVolunteer(): void
	cop16Controller	registerVolunteer(name: String, id: String): String
	volunteer	volunteer(name: String, id: String)
RF2: Registrar caminata (recorrido) a sitio biodiverso	cop16Construction	showMessageSelectRoutes(): void messageMeteorological(): void calculateBuses(): void
	cop16Controller	showMessageSelectRoutes(routeName): String messageMeteorological(temperature: int, humidityRelative : int): String calculateBuses(quantityParticipants : int, quantityGuides : int) : String
	hike	hike(routeName : String, quantityParticipants : int, quantityGuides : int, temperature : int, humidityRelative : int)
RF3: Registrar Lugar Biodiverso	cop16Construction	registerPlaceBiodiverse(): void
	cop16Controller	registerPlaceBiodiverse(placeName : String, departmentName : String, quantityKilometers : int, photoPlace : image, openingDate : Date,
		communityCaring : String, resourcesCare : int) : String

	placeWithDiversity	PlaceWithDiversity(placeName : String, departmentName : String, quantityKilometers : int, photoPlace : image, openingDate : date, communityCaring : String, resourcesCare : int)
RF4: Registrar especie	cop16Construction	registerSpecie() : void
	cop16Controller	registerSpecie(specieName : String, classificationSpecie : String, photoSpecie : image, quantityExemplars : int) : String
	specie	specie(specieName : String, classificationSpecie : String, photoSpecie : image, quantityExemplars : int)
RF5: Registrar comunidad	cop16Construction	registerCommunity() : void
	cop16Controller	registerCommunity(community Name : String, typeCommunity : String, representativeName : String, cellphoneRepresentative : String, quantityInhabitants : int, biggestProblems : String) : String
	community	community(communityName : String, typeCommunity : String, representativeName : String, cellphoneRepresentative : String, quantityInhabitants : int, biggestProblems : String)

RF6: Modificar datos de la especie del lugar	specie	setSpecieName(speciesName : String) : void
		setClassificationSpecie(classificationSpecies : String) : void
		setPhotoSpecie(photoSpecies : image) : void
		setQuantityExemplars(quantityExemplars : int) : void
	placeWithDiversity	getPlaceName() : String
	cop16Controller	registerSpecie(specieName : String, classificationSpecie : String, photoSpecie : image, quantityExemplars : int) : String
RF7: Consultar lista ordenada por área de los lugares biodiversos	cop16Construction	showOrderedPlaces() : void
	cop16Controller	showOrderedPlaces()
	placeWithDiversity	PlaceWithDiversity(placeName : String, departmentName : String, quantityKilometers : int, photoPlace : image, openingDate : date, communityCaring : String, resourcesCare : int)
RF8: Consultar departamento con más lugares biodiversos	Clase cop16Construction	showDepartmentWithMorePlaces() : void
	Clase cop16Controller	showDepartmentWithMorePlaces() : String
	placeWithDiversity	PlaceWithDiversity(placeName : String, departmentName : String, quantityKilometers : int, photoPlace : image,

		openingDate : date, communityCaring : String, resourcesCare : int)
RF9: Consultar comunidades que enfrentan problemas de hospital o escuela	Clase cop16Construction	consultBiggestProblems() : void
	Clase cop16Controller	consultBiggestProblems(Biggest Problems : String) : String
	community	community(communityName : String, typeCommunity : String, representativeName : String, cellphoneRepresentative : String, quantityInhabitants : int, biggestProblems : String)
RF10: Consultar Lugar Biodiverso con el mayor número de especies	Clase cop16Construction	consultPlaceWithLargerQuantit ySpecies() : void
	Clase cop16Controller	consultPlaceWithLargerQuantit ySpecies() : String
	specie	specie(speciesName : String, classificationSpecies : String, photoSpecies : image, quantityExemplars : int)