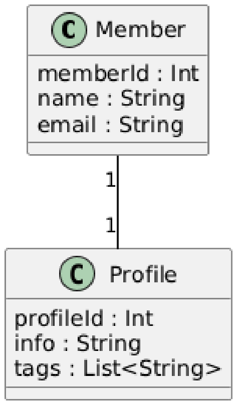
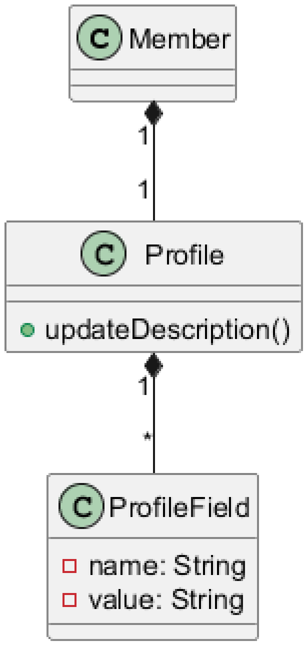
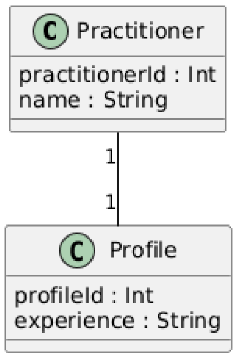
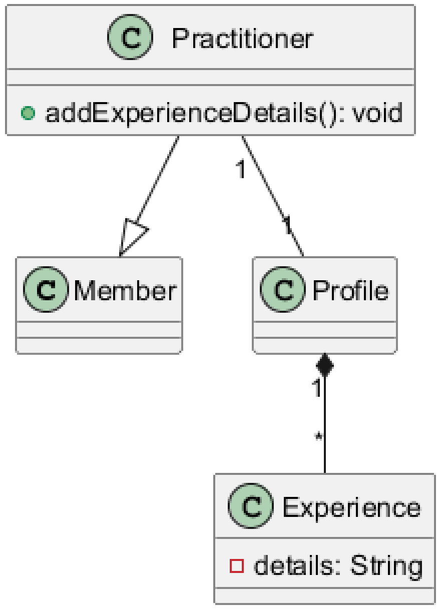
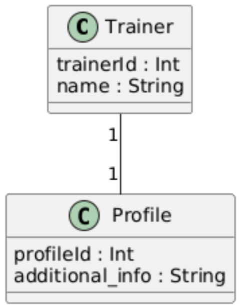
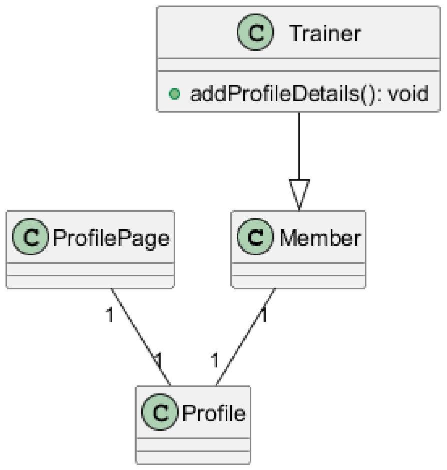
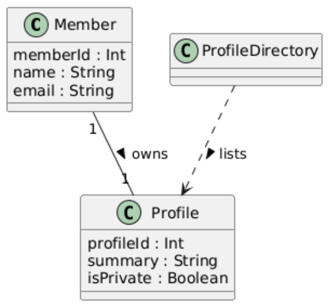
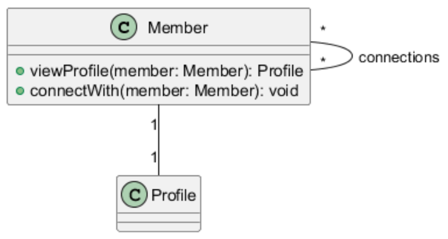
DIAGRAMAS DE REFERENCIA Y DIAGRAMAS GENERADOS

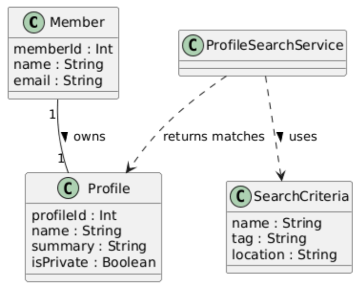
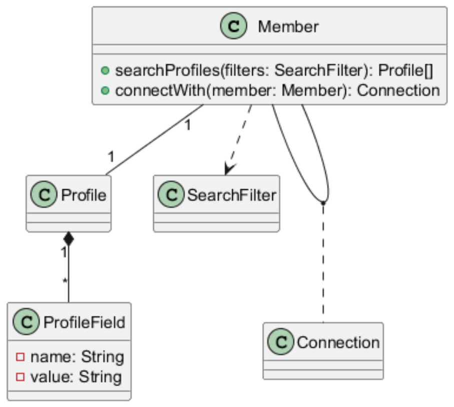
ID	Diagramas de Referencia (Humano)		Diagramas Generados (Herramienta)	
	Código en PlantUML	Diagrama en PlantUML	Código en PlantUML	Diagrama en PlantUML

HU-CL01	@startuml
	class Member {
	  memberId : Int
	  name : String
	  email : String
	}
	
	class Profile {
	  profileId : Int
	  info : String
	  tags : List<String>
	}
	
	Member "1" -- "1" Profile
	@enduml
		 Member
		memberId : Int
		name : String
		email : String
		1
		1
		Profile
		profileId : Int
		info : String
		tags : List<String>
			@startuml
			class Member {
			}
			
			class Profile {
			 + updateDescription()
			}
			
			class ProfileField {
			 - name: String
			 - value: String
			}
			
			Member "1" *-- "1" Profile
			Profile "1" *-- "*" ProfileField
			@enduml
				 Member
				1
				1
				Profile
				updateDescription()
				1
				*
				ProfileField
				name: String
				value: String

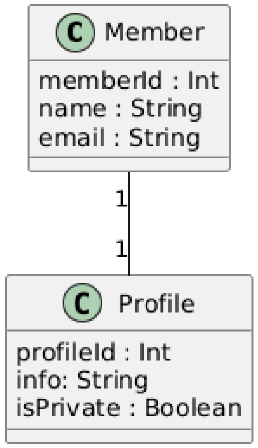
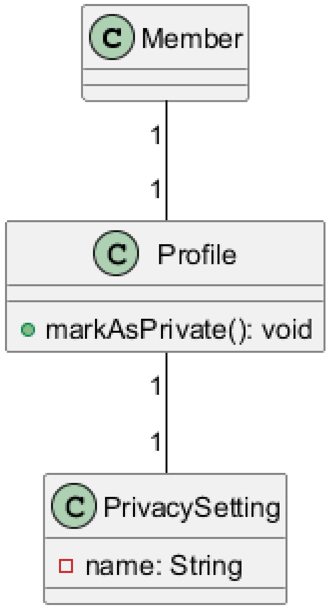
HU-CL02	@startuml
	class Practitioner {
	  practitionerId : Int
	  name : String
	}
	
	class Profile {
	  profileId : Int
	  experience : String
	}
	
	Practitioner "1" -- "1" Profile
	@enduml
		 Practitioner
		practitionerId : Int
		name : String
		1
		1
		Profile
		profileId : Int
		experience : String
			@startuml
			class Member {
			}
			
			class Practitioner {
			  + addExperienceDetails(): void
			}
			
			class Profile {
			}
			
			class Experience {
			  - details: String
			}
			
			Practitioner --|> Member
			Practitioner "1" -- "1" Profile
			Profile "1" *-- "*" Experience
			@enduml
				 Practitioner
				addExperienceDetails(): void
				1
				1
				Member
				Profile
				1
				*
				Experience
				details: String

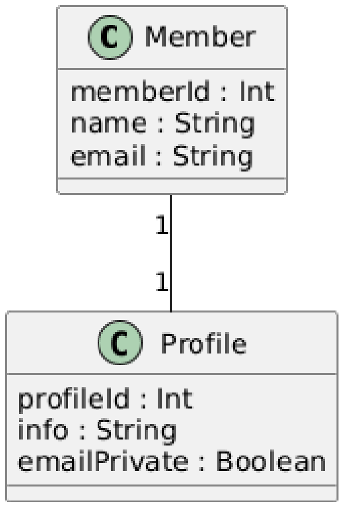
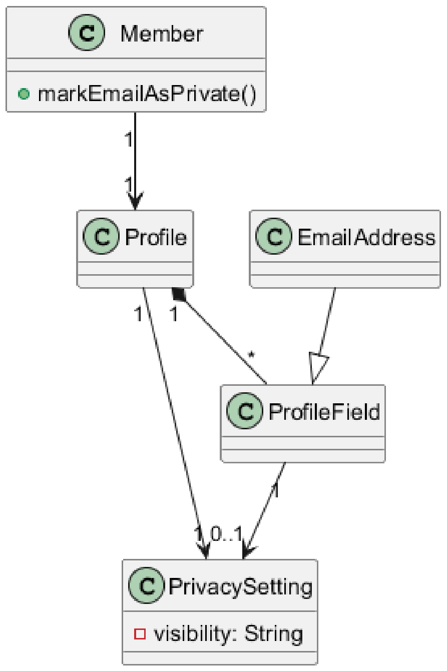
HU-CL03	@startuml
	class Trainer{
	  trainerId : Int
	  name : String
	}
	
	class Profile {
	  profileId : Int
	  additional_info : String
	}
	
	Practitioner "1" -- "1" Profile
	@enduml
		 Trainer
		trainerId : Int
		name : String
		1
		1
		Profile
		profileId : Int
		additional_info : String
			@startuml
			class Member {
			}
			
			class Trainer {
			  + addProfileDetails(): void
			}
			
			class Profile {
			}
			
			class ProfilePage {
			}
			
			Trainer --|> Member
			Member "1" -- "1" Profile
			ProfilePage "1" -- "1" Profile
			@enduml
				 Trainer
				addProfileDetails(): void
				ProfilePage
				Member
				1
				1
				1
				1
				Profile

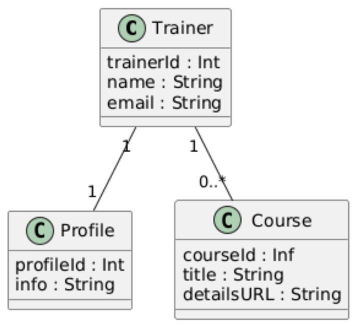
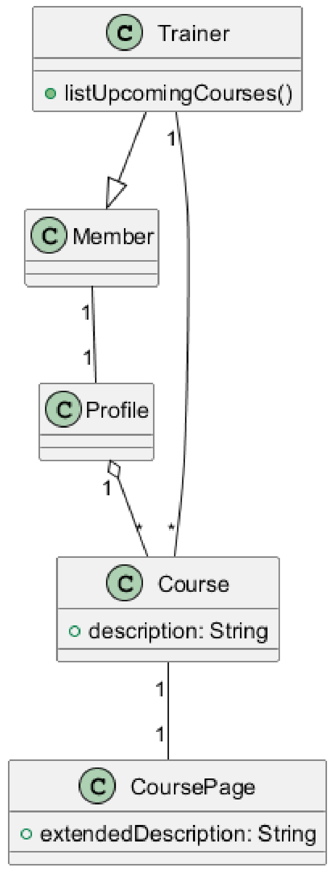
HU-CL04	@startuml
	class Member {
	  memberId : Int
	  name : String
	  email : String
	}
	
	class Profile {
	  profileId : Int
	  summary : String
	  isPrivate : Boolean
	}
	
	class ProfileDirectory
	
	Member "1" -- "1" Profile : owns
	>
	ProfileDirectory ..> Profile : lists
	>
	@enduml
		 Member
		memberId : Int
		name : String
		email : String
		ProfileDirectory
		1
		owns
		1
		lists
		Profile
		profileId : Int
		summary : String
		isPrivate : Boolean
			@startuml
			class Member {
			  + viewProfile(member: Member): Profile
			  + connectWith(member: Member): void
			}
			
			class Profile {
			}
			
			Member "1" -- "1" Profile
			Member "*" -- "*" Member : connections
			@enduml
				 Member
				viewProfile(member: Member): Profile
				connectWith(member: Member): void
				*
				*
				connections
				1
				1
				Profile

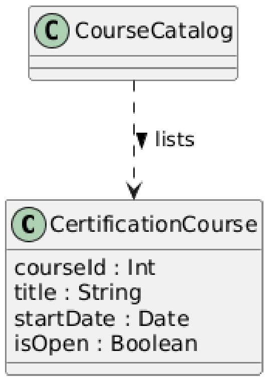
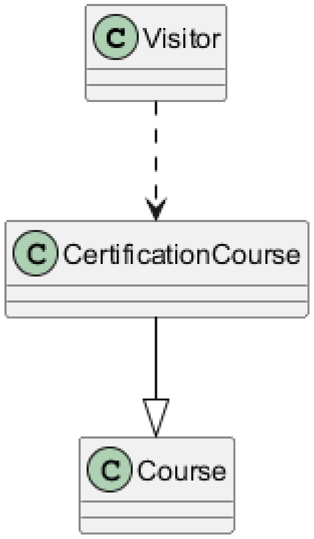
HU-CL05	@startuml
	class Member {
	  memberId : Int
	  name : String
	  email : String
	}
	
	class Profile {
	  profileId : Int
	  name : String
	  summary : String
	  isPrivate : Boolean
	}
	
	class SearchCriteria {
	  name : String
	  tag : String
	  location : String
	}
	
	class ProfileSearchService
	
	Member "1" -- "1" Profile : owns
		 Member
		memberId : Int
		name : String
		email : String
		ProfileSearchService
		1
		owns
		1
		returns matches
		uses
		Profile
		profileId : Int
		name : String
		summary : String
		isPrivate : Boolean
		SearchCriteria
		name : String
		tag : String
		location : String
			@startuml
			class Member {
			  + searchProfiles(filters: SearchFilter):
			Profile[]
			  + connectWith(member: Member):
			Connection
			}
			
			class Profile {
			}
			
			class ProfileField {
			  - name: String
			  - value: String
			}
			
			class SearchFilter {
			}
			
			class Connection {
			}
			
			Member "1" -- "1" Profile
				 Member
				searchProfiles(filters: SearchFilter): Profile[]
				connectWith(member: Member): Connection
				1
				1
				Profile
				SearchFilter
				1
				*
				ProfileField
				name: String
				value: String
				Connection

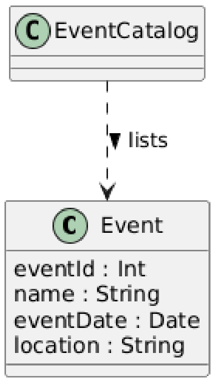
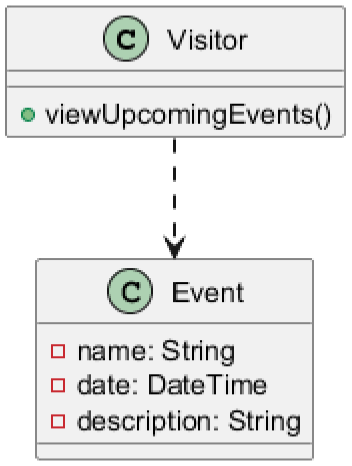
	> ProfileSearchService ..> SearchCriteria : uses > ProfileSearchService ..> Profile : returns matches @enduml		Profile "1" *-- "*" ProfileField (Member, Member) .. Connection Member ..> SearchFilter @enduml	

HU-CL06	@startuml
	class Member {
	  memberId : Int
	  name : String
	  email : String
	}
	
	class Profile {
	  profileId : Int
	  info: String
	  isPrivate : Boolean
	
	}
	Member "1" -- "1" Profile
	@enduml
		 Member
		memberId : Int
		name : String
		email : String
		1
		1
		Profile
		profileId : Int
		info: String
		isPrivate : Boolean
			@startuml
			
			class Member {
			}
			
			class Profile {
			  + markAsPrivate(): void
			}
			
			class PrivacySetting {
			  - name: String
			}
			
			Member "1" -- "1" Profile
			Profile "1" -- "1" PrivacySetting
			
			@enduml
				 Member
				1
				1
				Profile
				markAsPrivate(): void
				1
				1
				PrivacySetting
				name: String

HU-CL07	@startuml
	class Member {
	  memberId : Int
	  name : String
	  email : String
	}
	
	class Profile {
	  profileId : Int
	  info : String
	  emailPrivate : Boolean
	}
	
	Member "1" -- "1" Profile
	@enduml
			@startuml
			class Member {
			  + markEmailAsPrivate()
			}
			
			class Profile {
			}
			
			class PrivacySetting {
			  - visibility: String
			}
			
			class ProfileField {
			}
			
			class EmailAddress {
			}
			
			Member "1" --> "1" Profile
			Profile "1" *-- "*" ProfileField
			EmailAddress --|> ProfileField
			Profile "1" --> "1" PrivacySetting
			ProfileField "1" --> "0..1" PrivacySetting
			@enduml
				

HU-CL08	@startuml
	class Trainer {
	  trainerId : Int
	  name : String
	  email : String
	}
	
	class Profile {
	  profileId : Int
	  info : String
	}
	
	class Course {
	  courseId : Inf
	  title : String
	  detailsURL : String
	}
	
	Trainer "1" -- "1" Profile
	Trainer "1" -- "0..*" Course
	@enduml
		 Trainer
		trainerId : Int
		name : String
		email : String
		1
		1
		1
		0..*
		Profile
		profileId : Int
		info : String
		Course
		courseId : Inf
		title : String
		detailsURL : String
			@startuml
			class Trainer {
			  + listUpcomingCourses()
			}
			
			class Member {
			}
			
			class Profile {
			}
			
			class Course {
			  + description: String
			}
			
			class CoursePage {
			  + extendedDescription: String
			}
			
			Trainer --|> Member
			Member "1" -- "1" Profile
			Trainer "1" -- "*" Course
			Profile "1" o-- "*" Course
			Course "1" -- "1" CoursePage
			@enduml
				 Trainer
				listUpcomingCourses()
				1
				Member
				1
				1
				Profile
				1
				*
				*
				Course
				description: String
				1
				1
				CoursePage
				extendedDescription: String

HU-CL09	@startuml
	class CertificationCourse {
	  courseId : Int
	  title : String
	  startDate : Date
	  isOpen : Boolean
	}
	
	class CourseCatalog
	
	CourseCatalog ..>
	CertificationCourse : lists >
	@enduml
		 CourseCatalog
		lists
		CertificationCourse
		courseId : Int
		title : String
		startDate : Date
		isOpen : Boolean
			@startuml
			class Visitor {
			}
			
			class Course {
			}
			
			class CertificationCourse {
			}
			
			Visitor ..> CertificationCourse
			CertificationCourse --|> Course
			@enduml
				

HU-CL10	@startuml
	class Event {
	  eventId : Int
	  name : String
	  eventDate : Date
	  location : String
	}
	
	class EventCatalog
	
	EventCatalog ..> Event : lists >
	@enduml
		 EventCatalog
		lists
		Event
		eventId : Int
		name : String
		eventDate : Date
		location : String
			@startuml
			class Visitor {
			  + viewUpcomingEvents()
			}
			
			class Event {
			  - name: String
			  - date: DateTime
			  - description: String
			}
			
			Visitor ..> Event
			@enduml
				 Visitor
				viewUpcomingEvents()
				Event
				name: String
				date: DateTime
				description: String