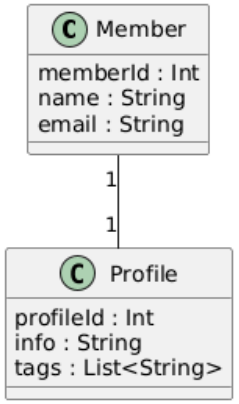
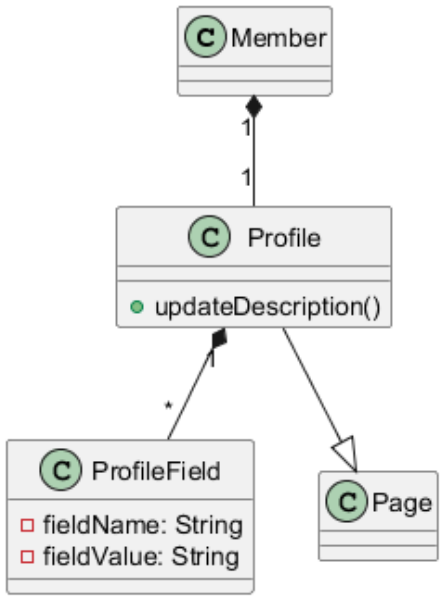
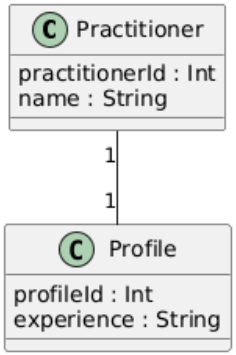
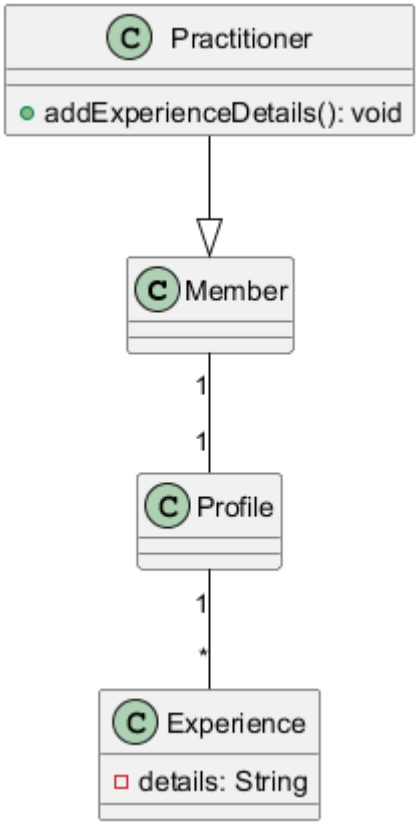
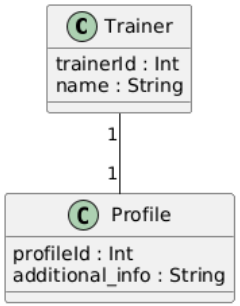
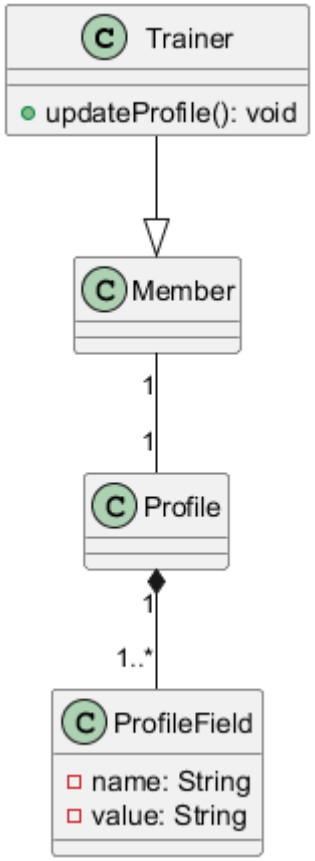
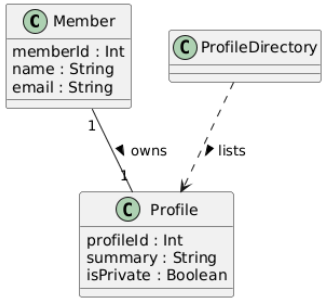
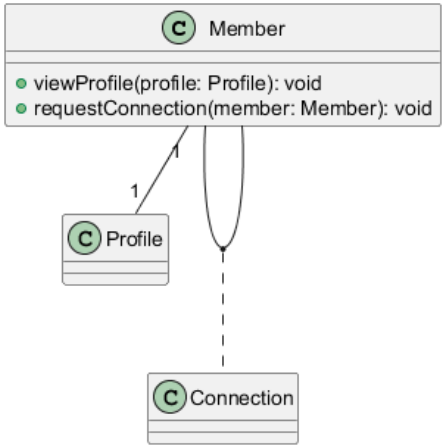
DIAGRAMAS DE REFERENCIA Y DIAGRAMAS GENERADOS

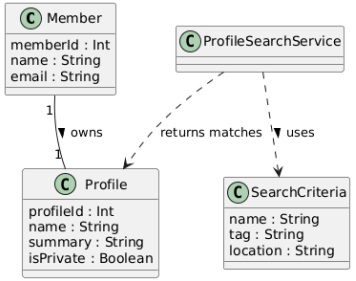
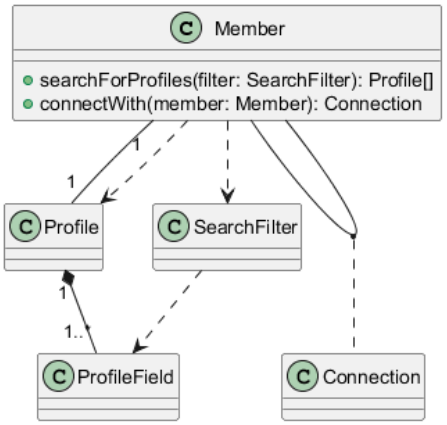
ID	Diagramas de Referencia (Humano)		Diagramas Generados (Herramienta)	
	Código en PlantUML	Diagrama en PlantUML	Código en PlantUML	Diagrama en PlantUML

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
			@startuml
			class Member {
			}
			
			class Profile {
			  + updateDescription()
			}
			
			class ProfileField {
			  - fieldName: String
			  - fieldValue: String
			}
			
			class Page {
			}
			
			Member "1" *-- "1" Profile
			Profile "1" *-- "*" ProfileField
			Profile --|> Page
			@enduml
				

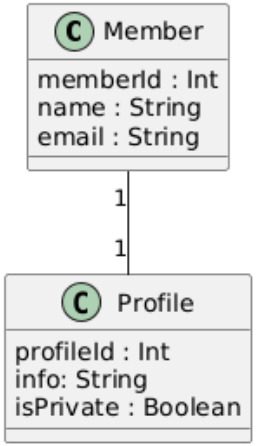
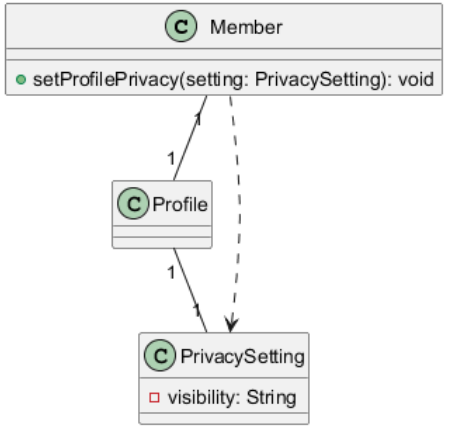
HU-CL02	@startuml
	class Practitioner {
	  practitionerId : Int
	  name : String
	}
	
	class Profile {
	  profileId : Int
	  experience : String
	}
	
	Practitioner "1" -- "1" Profile
	@enduml
			@startuml
			class Member {
			}
			
			class Practitioner {
			  + addExperienceDetails(): void
			}
			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

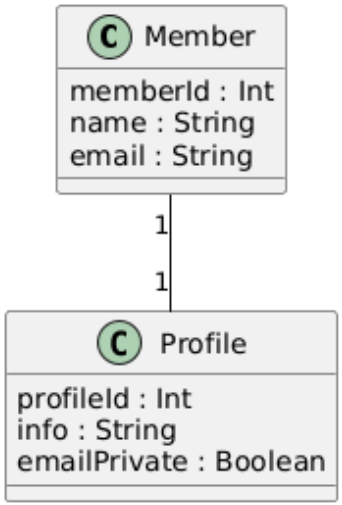
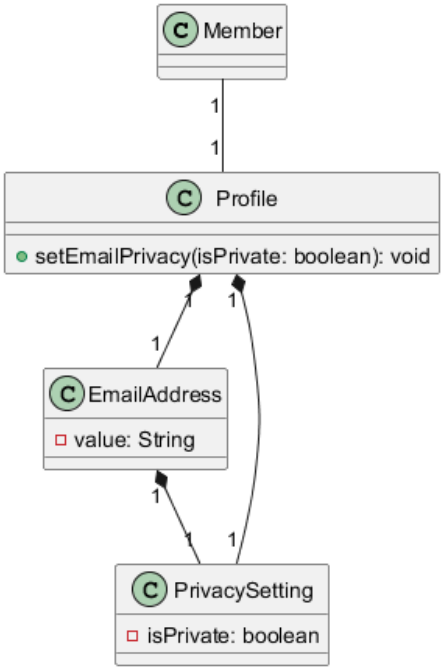
HU-CL03	@startuml
	class Trainer{
	  trainerId : Int
	  name : String
	}
	
	class Profile {
	  profileId : Int
	  additional_info : String
	}
	
	Practitioner "1" -- "1" Profile
	@enduml
			@startuml
			class Trainer {
			  + updateProfile(): void
			}
			
			class Member {
			}
			
			class Profile {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

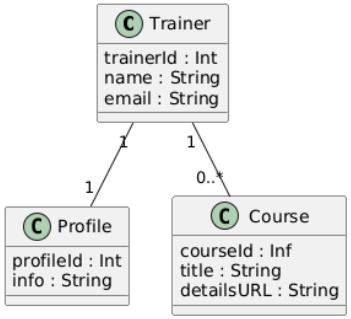
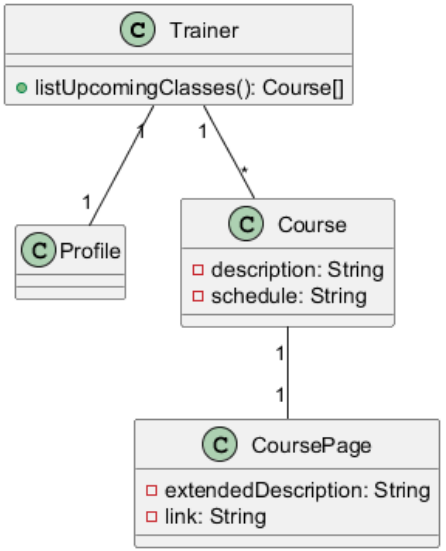
HU-CL04	@startuml
	class Member {
	memberId : Int
	name : String
	email : String
	}
	
	class Profile {
	profileId : Int
	summary : String
	isPrivate : Boolean
	}
	
	class ProfileDirectory
	
	Member "1" -- "1" Profile : owns
	>
	ProfileDirectory ..> Profile : lists
	>
	@enduml
			@startuml
			class Member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

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
			@startuml
			class Member {
			+ searchForProfiles(filter: SearchFilter):
			Profile[]
			+ connectWith(member: Member):
			Connection
			}
			
			class Profile {
			}
			
			class ProfileField {
			}
			
			class SearchFilter {
			}
			
			class Connection {
			}
			
			Member "1" -- "1" Profile
			Profile "1" *-- "1..*" ProfileField
			Member ..> SearchFilter
				

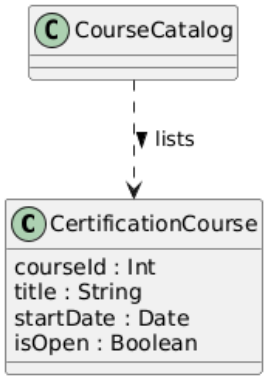
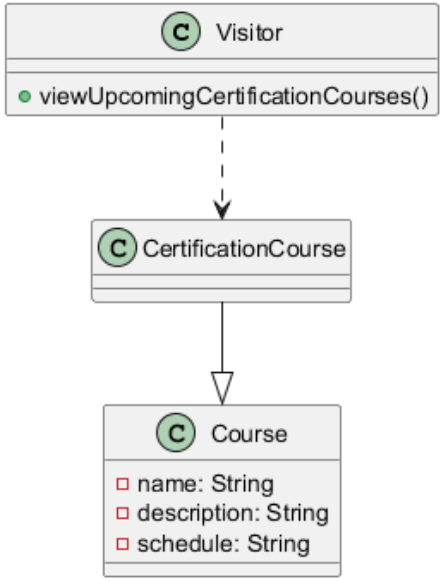
	>\nProfileSearchService ..>\nSearchCriteria : uses >\nProfileSearchService ..> Profile\n: returns matches\n@enduml		Member ..> Profile\nSearchFilter ..> ProfileField\n(Member, Member) .. Connection\n@enduml	

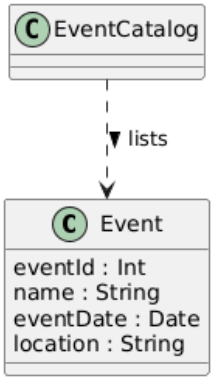
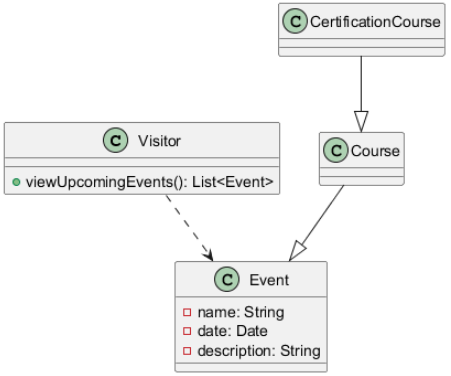
HU-CL06	@startuml
	class Member {
	memberId : Int
	name : String
	email : String
	}
	
	class Profile {
	profileId : Int
	info: String
	isPrivate : Boolean
	
	}
	Member "1" -- "1" Profile
	@enduml
			@startuml
			class Member {
			+ setProfilePrivacy(setting:
			PrivacySetting): void
			}
			
			class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

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 {
			}
			
			class Profile {
			+ setEmailPrivacy(isPrivate: boolean): void
			}
			
			class EmailAddress {
			- value: String
			}
			
			class PrivacySetting {
			- isPrivate: boolean
			}
			
			Member "1" -- "1" Profile
			Profile "1" *-- "1" EmailAddress
			Profile "1" *-- "1" PrivacySetting
			EmailAddress "1" *-- "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
			@startuml
			class Trainer {
			+ listUpcomingClasses(): Course[]
			}
			
			class Profile {
			}
			
			class Course {
			- description: String
			- schedule: String
			}
			
			class CoursePage {
			- extendedDescription: String
			- link: String
			}
			
			Trainer "1" -- "1" Profile
			Trainer "1" -- "*" Course
			Course "1" -- "1" CoursePage
				

			@enduml	

HU-CL09	@startuml
	class CertificationCourse {
	courseId : Int
	title : String
	startDate : Date
	isOpen : Boolean
	}
	
	class CourseCatalog
	
	CourseCatalog ..>
	CertificationCourse : lists >
	@enduml
			@startuml
			class Visitor {
			+ viewUpcomingCertificationCourses()
			}
			
			class Course {
			- name: String
			- description: String
			- schedule: String
			}
			
			class CertificationCourse {
			}
			
			CertificationCourse --|> Course
			Visitor ..> CertificationCourse
			@enduml
				

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

			@enduml	