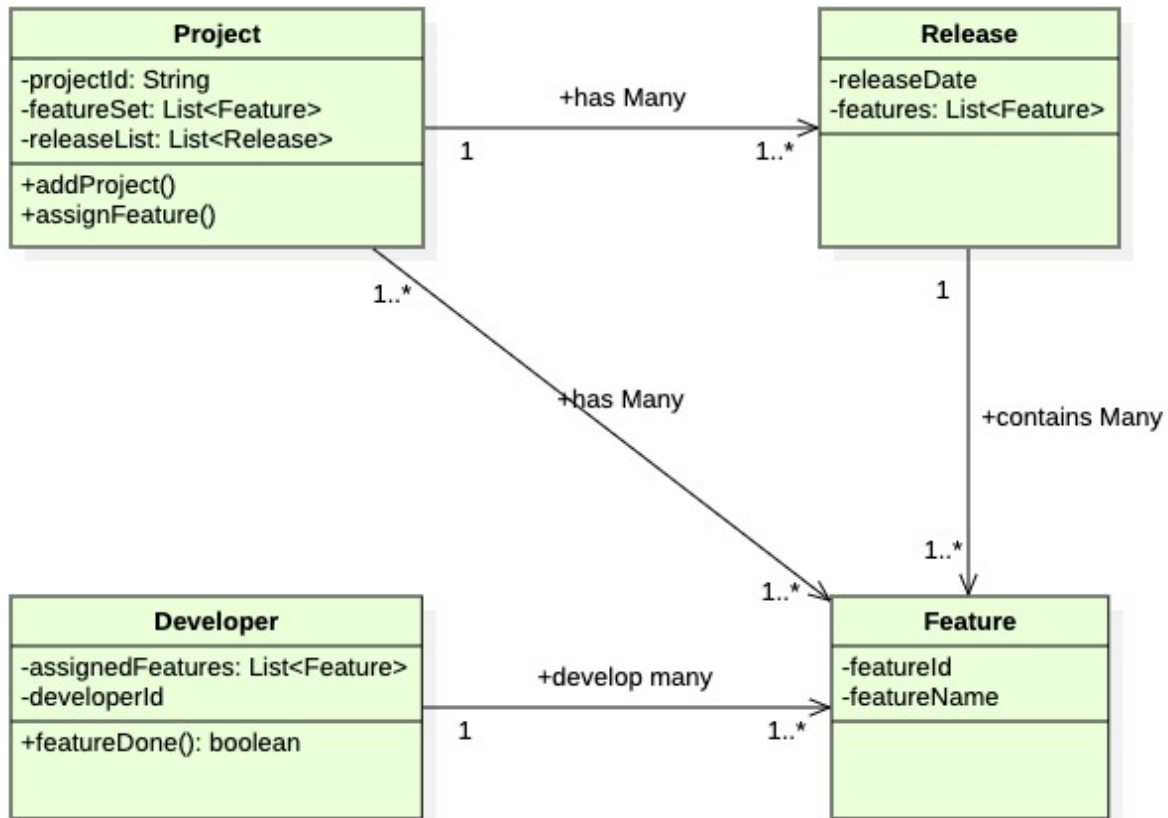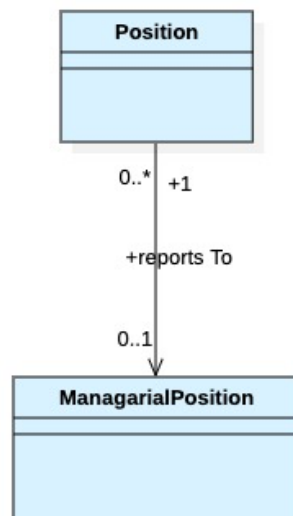**Problem 1:** Class diagram of Project management system with associations, dependencies, names (optionally, roles), and multiplicities.

Project
-projectId: String -featureSet: List<Feature> -releaseList: List<Release>
+addProject() +assignFeature()

+has Many

1   1..*

Release
-releaseDate -features: List<Feature>

1..*   1

+has Many   +contains Many

Developer
-assignedFeatures: List<Feature> -developerId
+featureDone(): boolean

1   +develop many   1..*

1..*   1..*

Feature
-featureId -featureName

Problem 3(A): Position Hierarchy

Position

0..*   +1

+reports To

0..1

ManagarialPosition

Problem 3(B): Course Prerequisites