1. Create a class list from the problem description on the next page.

Step 1: Select all nouns/noun phrase.

Project
Product backlog
Release
Product backlog features
Particular release
Project manager
Sprints
Release features / Feature
Due date
Developer
Required days (required to complete the feature)
Remaining work / days
The amount of work completed / The amount of work remaining

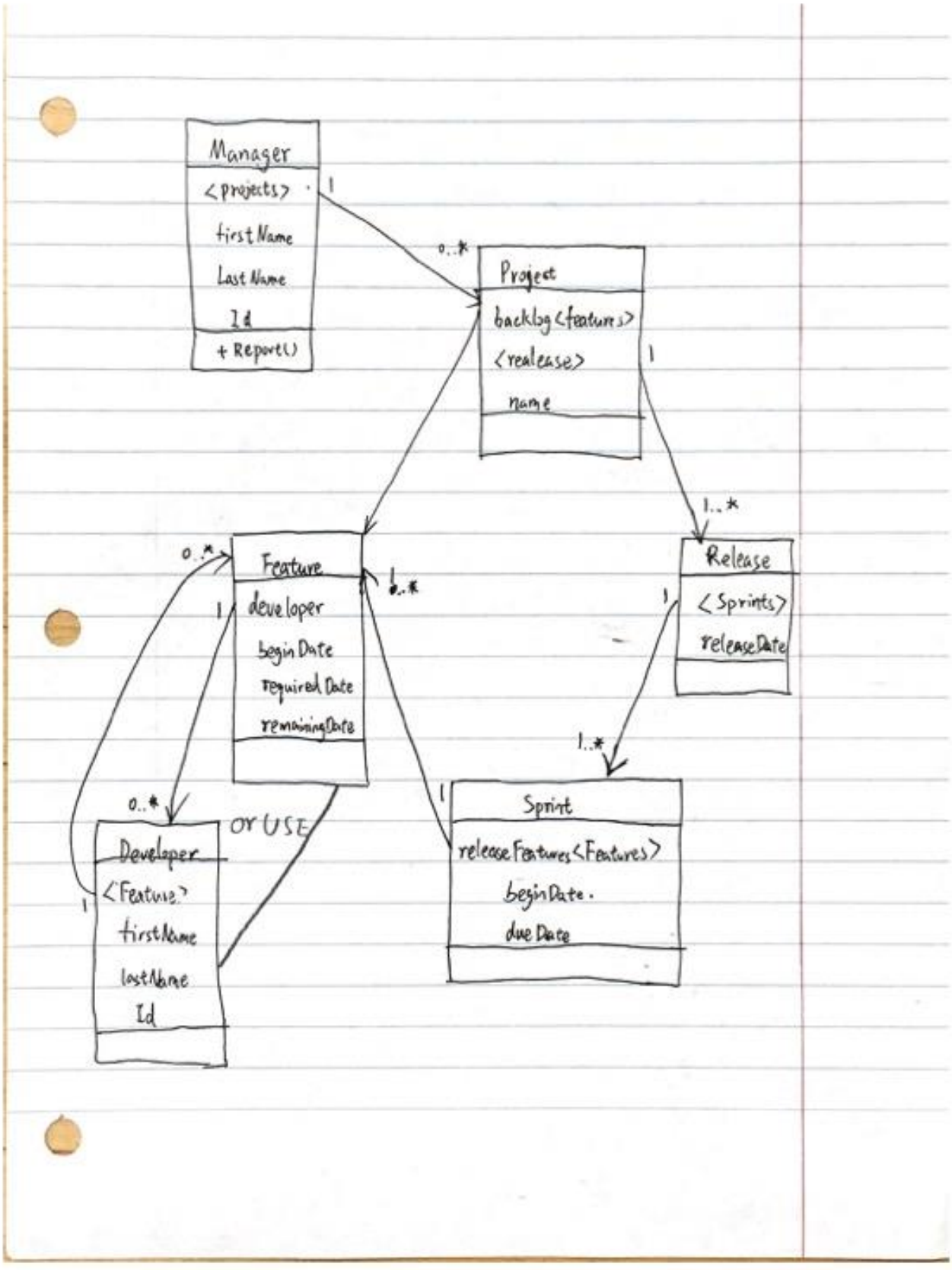
Step 2: Refining the Candidate Class List

Project manager (*attributes: <projects>; methods: reports()*)
Project (*attributes: backlog<features>; <releases>*)
Release (*attributes: <sprints>; releaseDate*)
Sprint (*attributes: releaseFeatures<features>; beginDate; dueDate*)
Feature (*attributes: developer; beginDate; requiredDays; remainingDays*)
Developer (*attributes: <features>; methods: estimate()*)

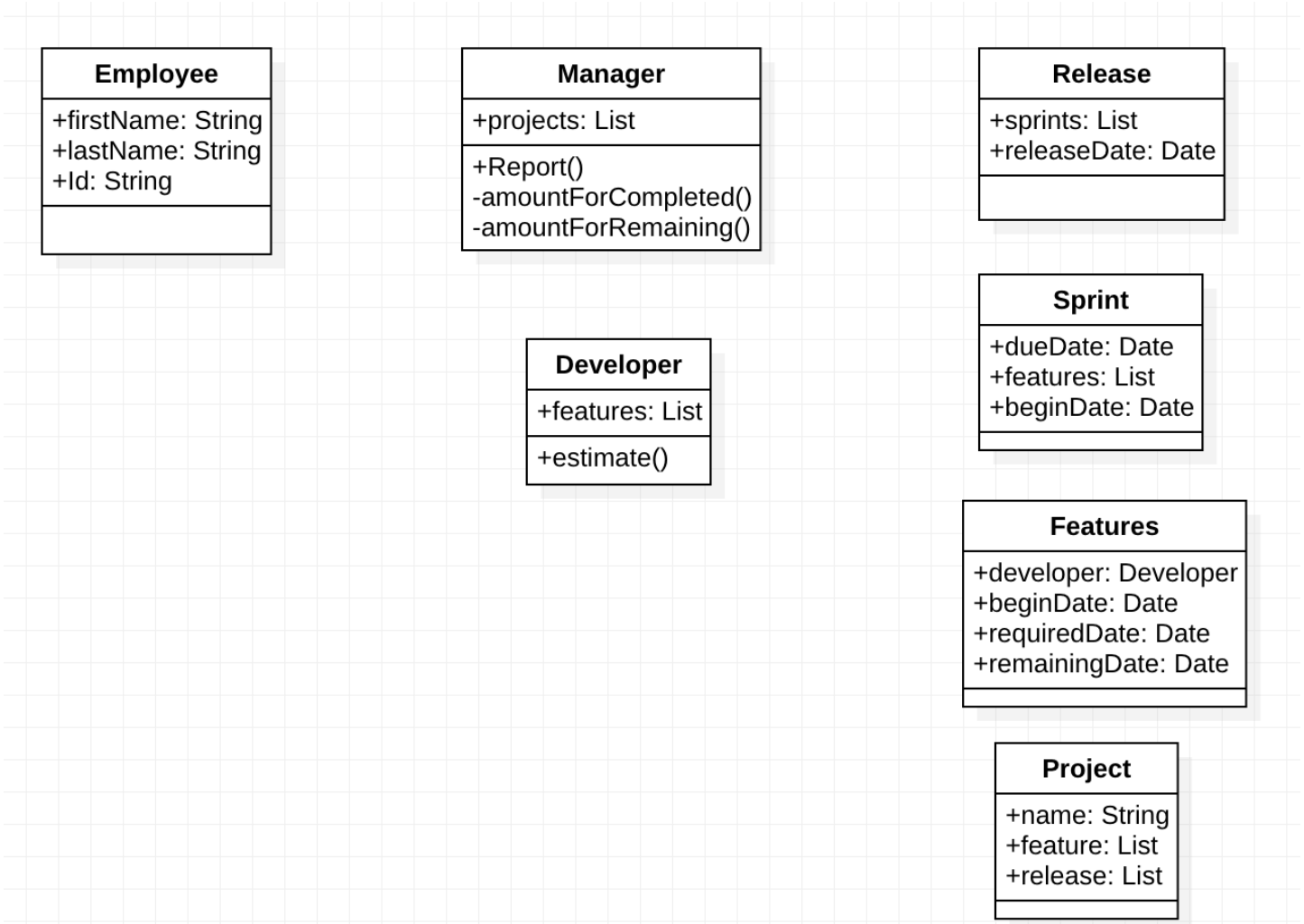
Name<ABCs> which means a list of Class ABC named Name.

Class	Attributes	Methods
Manager	<Projects>; firstName; lastName; Id	+reports();
Developer	<Features>; firstName; lastName; Id	+estimate();
Project	backlog<features>; <releases>; name	
Release	<Sprints>; releaseDate	
Sprint	releaseFeatures<features>; beginDate; dueDate	
Feature	developer; beginDate; requiredDays; remainingDays	

2. You should submit hand-drawn UML classes with attributes, for each class you discover (or you can use a UML tool if you want).



By tool


Employee
+firstName: String
+lastName: String
+Id: String
Manager
+projects: List
+Report()
-amountForCompleted()
-amountForRemaining()
Release
+sprints: List
+releaseDate: Date
Developer
+features: List
+estimate()
Sprint
+dueDate: Date
+features: List
+beginDate: Date
Features
+developer: Developer
+beginDate: Date
+requiredDate: Date
+remainingDate: Date
Project
+name: String
+feature: List
+release: List