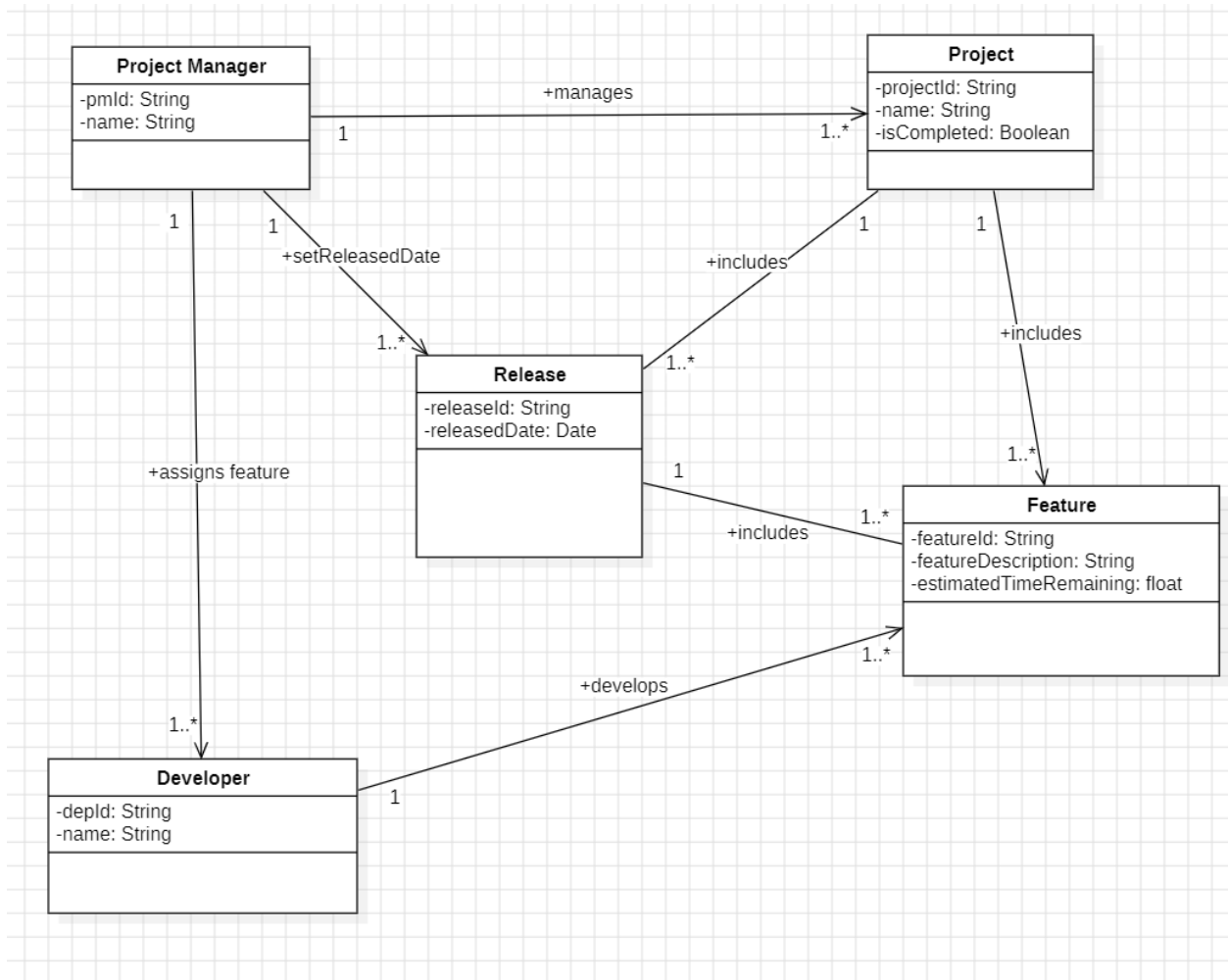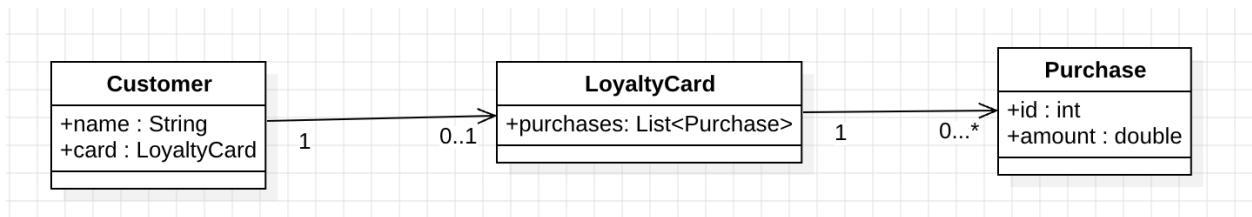# Lab 2

1.

2. Implementation are in the Lab2_codes → src folder. /Prob2A, Prob2B/

3. Customer ←→ Loyalty card

- Customer can have a loyalty card to get discount on purchase.

- There is exactly one customer for each loyalty card.

- Loyalty card may be populated but it's not possible to add second loyalty card to one customer.

- It is not possible to create loyalty card without customer.

Customer		LoyaltyCard		Purchase
+name : String +card : LoyaltyCard		+purchases: List<Purchase>		+id : int +amount : double

1   0..1   1   0...*

Implementation are in the Lab2_codes → src folder. /Prob3/