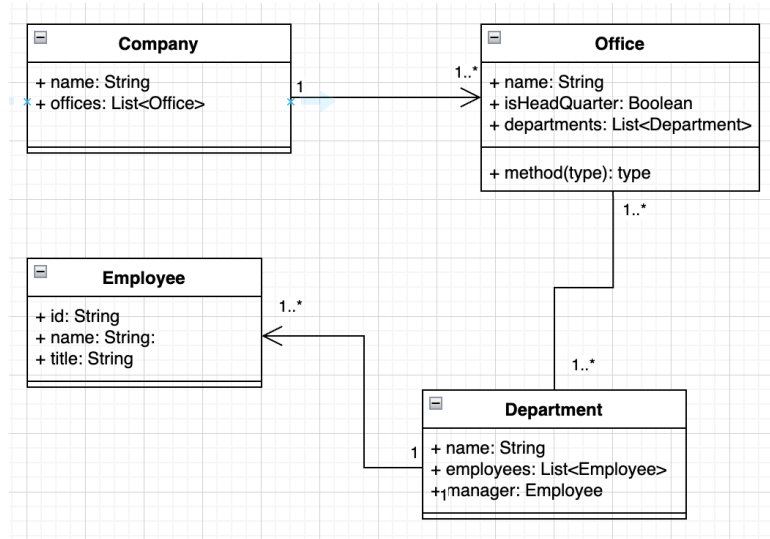


## Quiz 1

### Ngoc Thinh Le - 618078

Q1) A company consists of departments. Departments are located in one or more offices, each with one or more departments. One office acts as headquarter. Each department has a set of employees and a manager recruited from this set of employees. Your task is to create a class diagram based on the above description.



Q2) Complete the following code which has two classes having 1-1 bidirectional relationship between customer and account classes.

```

public class Customer {
    private String name;
    private Account account;

    public Customer(String name, String accountId ) {
        this.account = new Account(accountId, this);
        this.name = name
    }
}

public class Account {
    private String accountId;
    private Customer customer;

    Account( String accountId, Customer customer ) {
        this.accountId = accountId
    }
}

```