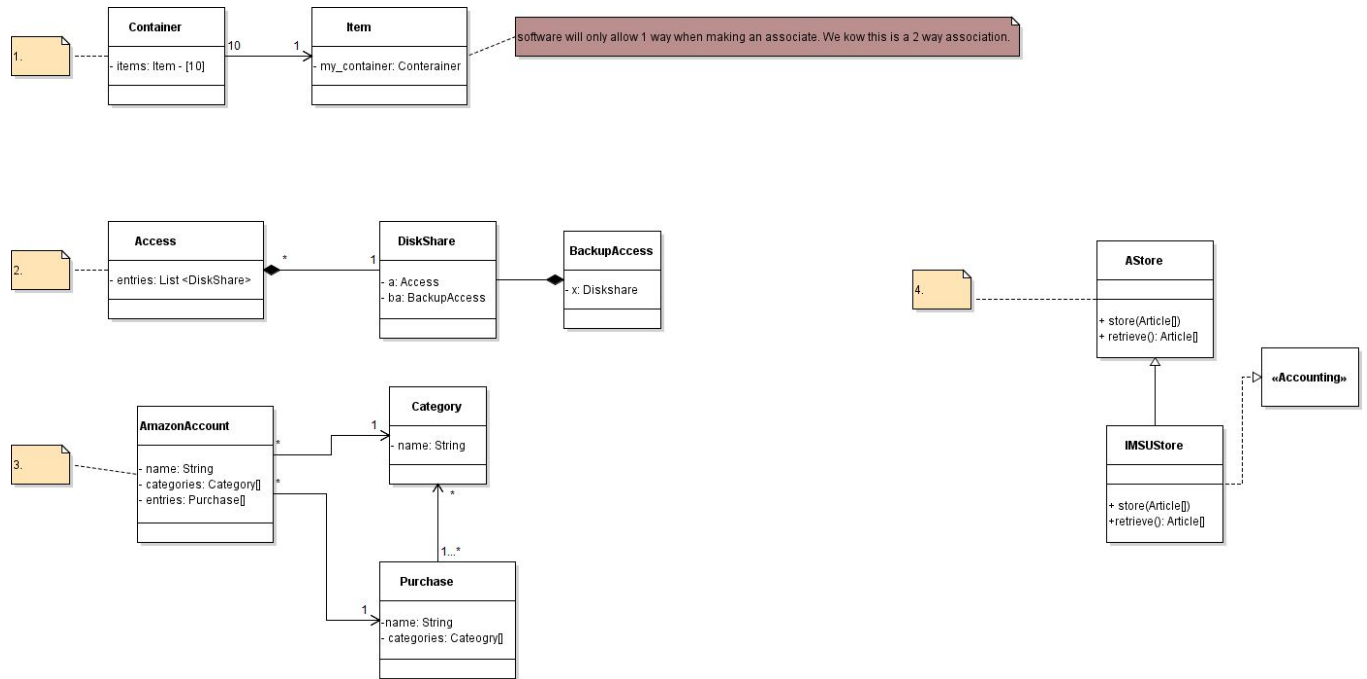


ESOF 322 HW1

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Exercise B

```
Public interface Rentable{  
    Public void rent();  
}
```

```
Public abstract class Person{  
    Public Abstract String name;  
    Public Abstract String email;  
    Public Address address;  
}
```

```
Public Abstract class Service{  
    Public Customer customer;  
}
```

```
Public Abstract class Vehicle implements Rentable{  
    Public abstract void rent();  
}
```

```
Public class BankAccount{  
    Public UnlimitedNatural number;  
    Public String Depositor;  
    Public String string;  
}
```

```
Public class Customer extends Person{  
    Public BankAccount bankAccount;  
}
```

```
Public class Employee extends Person{  
}
```

```
Public class Subcontractor extends Customer, Employee{  
}
```

```
Public class VehivleRentalService extends Service{  
    Public Vehicle vehicle;  
    Public void offerCar(){  
    }  
    Public void offerMoterbike(){  
    }  
    Public void offerTruck(){
```

```
    }  
}
```

```
Public class Truck extends Vehicle{  
    Public UnlimitedNatural weight;  
    Public UnlimitedNatural power;  
    Public String manufacturer;  
    Public string regNo;  
}
```

```
Public class Car extends Vehicle{  
    Public CarKind kind;  
    Public UnlimitedNatural noSeats;  
    Public UnlimitedNatural power;  
    Public String manufacturer;  
    Public string regNo;  
}
```

```
Public class Motorbike extends Vehicle{  
    Public MbKind kind;  
    Public UnlimitedNatural cylinderCap;  
    Public Unlimited Natural power;  
    Public String manufacturer;  
    Public String regNo;  
}
```

```
Public class Company{  
    Public String name;  
    Public Address headquarters;  
    Public Employee employee;  
    Public Customer customer;  
    Public Truck truck;  
    Public Car car;  
    Public Motorbike motorbike;  
    Public VehicleRentalService service;  
}
```