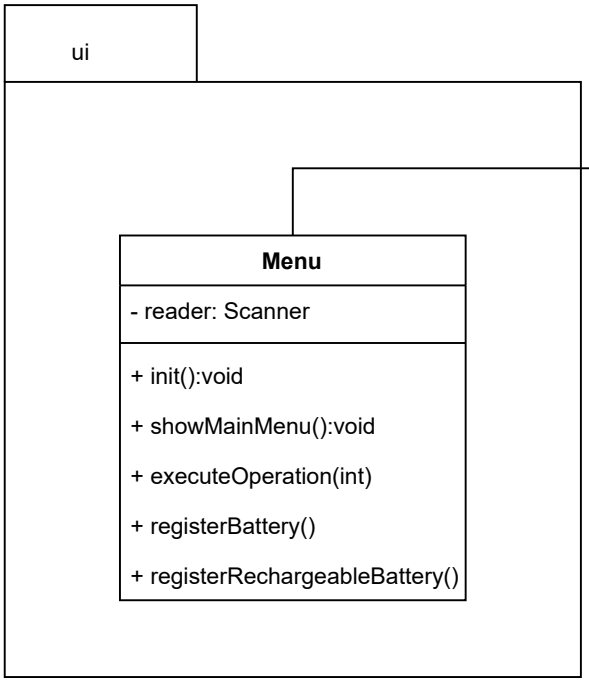
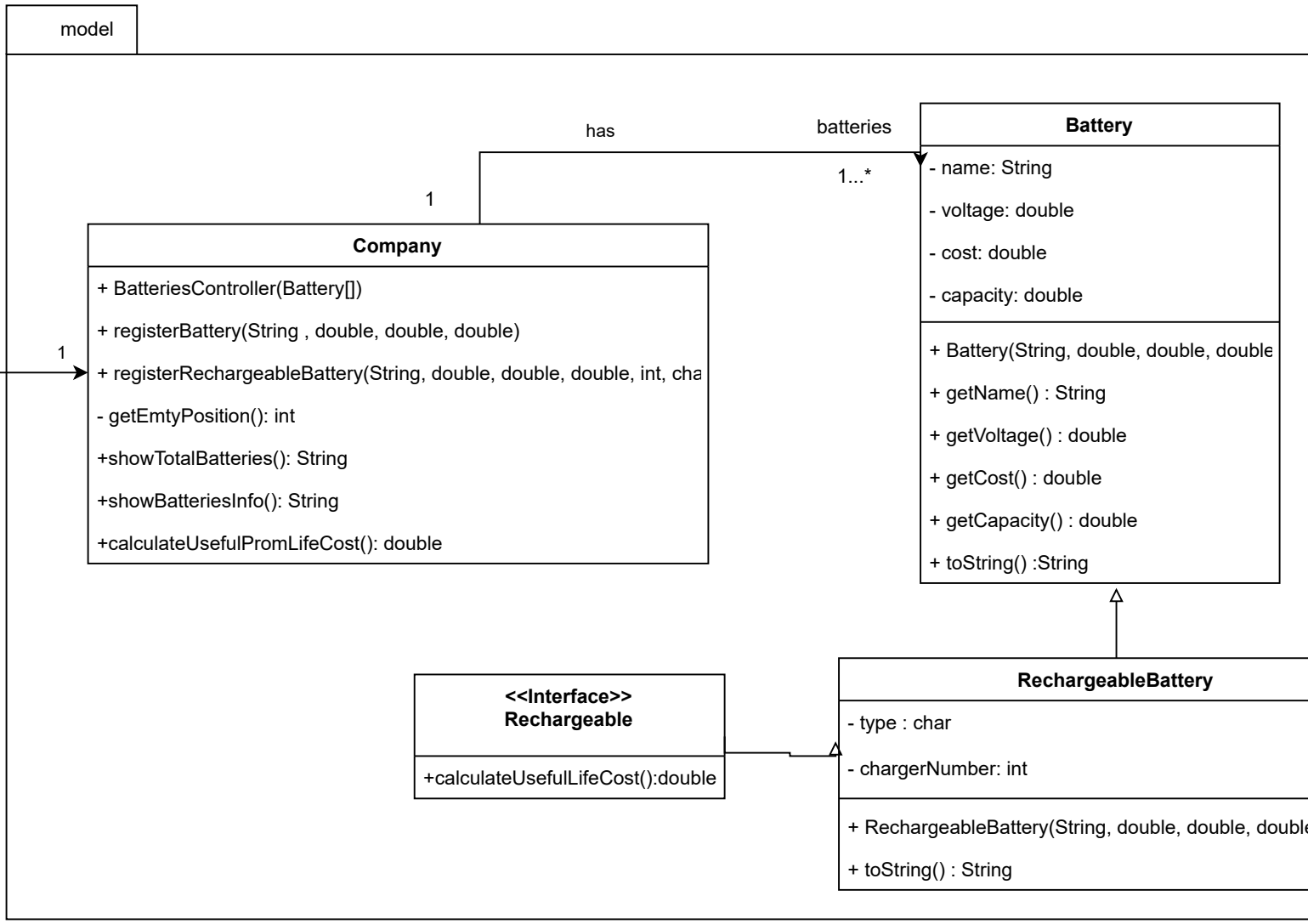

ui
Menu
- reader: Scanner
+ init():void
+ showMainMenu():void
+ executeOperation(int)
+ registerBattery()
+ registerRechargeableBattery()


model
has
batteries
1
1...*
Company
+ BatteriesController(Battery[])
+ registerBattery(String , double, double, double)
+ registerRechargeableBattery(String, double, double, double, int, cha
- getEmtyPosition(): int
+showTotalBatteries(): String
+showBatteriesInfo(): String
+calculateUsefulPromLifeCost(): double
Battery
- name: String
- voltage: double
- cost: double
- capacity: double
+ Battery(String, double, double, double
+ getName() : String
+ getVoltage() : double
+ getCost() : double
+ getCapacity() : double
+ toString() :String
<<Interface>>
Rechargeable
+calculateUsefulLifeCost():double
RechargeableBattery
- type : char
- chargerNumber: int
+ RechargeableBattery(String, double, double, double
+ toString() : String

Código en la clase
RechargeableBattery

```
public final static char BATTERY_LITIO
public final static char BATTERY_NIQUE
public final static double FACTOR_LITI
public final static double FACTOR_NIQU
```

e, int, cha

```
 = 'l';
L_CADIO = 'n';
0   = 0.92;
EL_CADIO = 0.80;
```