Class Diagram

Motor
- warna:String
- merek:String
- kecepatan:int
+ getWarna():String
+ setWarna(warna:String):void
+ getMerek():String
+ setMerek(merek:String):void
+ getKecepatan():int
+ setKecepatan(kecepatan:int):void
+ nyalakanMesin():boolean
+ matikanMesin():boolean
+ tambahKecepatan(increase:int):int
+ kurangiKecepatan(decrease:int):int

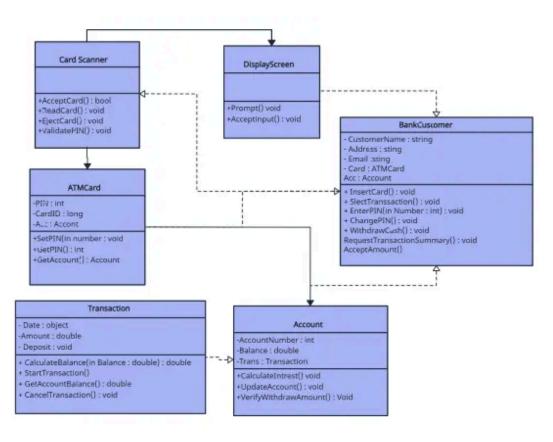| Lampu |
| --- |
| - warnaCahaya:String |
| - watt:int |
| - tipeLampu:String |
| + getWarnaCahaya():String |
| + setWarnaCahaya(warnaCahaya:String):void |
| + getTipeLampu():String |
| + setTipeLampu(tipeLampu:String):void |
| + getWatt():String |
| + setWatt(watt:int):void |
| + nyalakanLampu():boolean |
| + matikanLampu():boolean |
| + aturIntensitasCahaya(cahaya:int):int |

Radio

- merek:String
- volume:int
- frekuensi:int

+ getMerek():String

+ setMerek(merek:String):String

+ getVolume():int

+ setVolume(volume:int):int

+ getFrekuensi():int

+ setFrekuensi(frekuensi:int):int

+ nyalakanRadio():boolean

+ matikanRadio():boolean

+ ubahFrekuensi(frekuensi:int):int

+ naikkanVolume(increase:int):int

+ turunkanVolume(decrease:int):int

Pintu

- material:String
- warna:String
- tinggi:int

+ getMaterial():String

+ setMaterial(material:String):void

+ getWarna():String

+ setWarna(warna:String):void

+ getTinggi():String

+ setTinggi(tinggi:int):void

+ buka():boolean

+ tutup():boolean

+ kunci():boolean

+ bukaKunci():boolean

Kamera
- merek:String
- jenisLensa:String
- resolusi:int
+ getMerek():String
+ setMerek(merek:String):void
+ getJenisLensa():String
+ setJenisLensa(jenisLensa:String):void
+ getResolusi():int
+ setResolusi(resolusi:int):void
+ ambilFoto():void
+ rekamVidio():void
+ zoomIn(increase:float):float
+ zoomOut(decrease:float):float

Card Scanner

+AcceptCard() : bool
+ReadCard() : void
+EjectCard() : void
+ValidatePIN() : void

DisplayScreen

+Prompt() void
+Acceptinput() : void

BankCustomer

- CustomerName : string
- Address : sting
- Email :sting
- Card : ATMCard
Acc : Account

+ InsertCard() : void
+ SlectTranssaction() : void
+ EnterPIN(in Number : int) : void
+ ChangePIN() : void
+ WithdrawCash() : void
RequestTransactionSummary() : void
AcceptAmount()

ATMCard

-PIN : int
-CardID : long
-Acc : Accont

+SetPIN(in number : void
+GetPIN() : int
+GetAccount() : Account

Transaction

- Date : object
-Amount : double
- Deposit : void

+ CalculateBalance(in Balance : double) : double
+ StartTransaction()
+ GetAccountBalance() : double
+ CancelTransaction() : void

Account

-AccountNumber : int
-Balance : double
-Trans : Transaction

+CalculateIntrest() void
+UpdateAccount() : void
+VerifyWithdrawAmount() : Void

(https://creately.com/static/assets/landing/templates/class-diagram-for-bank-atm-system-jkw

hovag1-thumb.webp)