UNIFIED MODELING LANGUAGE

1. Account

- name:String

- balance: double

+ Account():

+ deposit() : void

+ setName(): void

+ getName():String

+getBalance():double

+withdraw():void

1. PetrolPurchase

- location: String

- petrolType:String

- quantityPurchasePerLitter:int

- pricePerLitter:double

+ setLocation():void

+ getLocation():String

+ setPetrolType: void

+getPetrolType: String

+setQuantityPurchase():void

+ getQuantityPurchase():int

+ setPricePerLitter():void

+ setPercentageDiscount():void

+ getPercentageDiscount():double

+ getPurchaseAmount():double

1. Car

- model: String

- year:String

- price : double

+ Car

+setModel (): void

+getModel (): String

+setYea (): void

+getYear (): String

+setPrice ():void

+getPrice () : double

+ discount () : void

1. Clock

- hour: int

- minutes : int

- seconnd : int

+ Clock ():

+ setHour (): void

+ getHour (): int

+ setMinutes (): void

+ getMinutesr (): int

+ setSecond ():void

+ getSecond() : double

+ displayTime (): String

1. TargetHeartRateCalCulator

- firstName: String

- lastName : String

- month : String

- year : int

- date : int

+ TargetHeartRateCalculator():

+ setFirstName () : void

+ getFirstName (): String

+ setLastName (): void

+ getLastName (): String

+ setMonth (): void

+ getMonth() : String

+ setYear () : void

+ getYear (): int

+ setDate () : void

+ getDate () : int

+ age() : int

+ maximumHeartRate () : int

+ targetHeartRate () : double

1. HealthRecord

- firstName: String

- lastName : String

- month : String

- year : int

- date : int

- height : int

- weight : int

+ HealtRecord():

+ setFirstName () : void

+ getFirstName (): String

+ setLastName (): void

+ getLastName (): String

+ setMonth (): void

+ getMonth() : String

+ setYear () : void

+ getYear (): int

+ setDate () : void

+ getDate () : int

+ age() : int

+ maximumHeartRate () : int

+ targetHeartRate () : double

+ BodyMassIndex () : double