

HW01PROJECT-TEAM 4

NAME TEAM: WorBotsTeam.

LIDER TEAM: Andy Josue Calderon Merchan.

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TEAM TOPIC: Inventory Control in a Tire Store.

Time Object

Attributes:

-day: int

-month: int

-year: int

Operations:

+buy(): void

+sell():void

+stock():void

Purchase Object

Attributes:

-quantity: int

-price: float

-code: int

Operations:

+time():void

+sale():void

Sale Object

Attributes:

-price:float

-name: String

-quantity:int

Operations:

+buy(stock): boolean

+time(): void

Products Object

Attributes:

-code: int

-name: String

-price: float

Operations:

-viewInStock():void

+sell (quantity): void
+buy(provider): boolean

Stock Object

Attributes:

-code: int
-name: String

Operations:

+checkQuantity():void
+kindOfProduct():void

Price Object

Attributes:

-price: float
-code : int

Operations:

+sell():void
+buy():void
+kindOfProduct():void

Average Object

Attributes:

-sale: float
-purchase: float
-price: float

Operations:

+gain():void
+lost():void
+average():void

Company Object

Attributes:

-name: String
-telephone: int
-mail: String
-address: String

Operations:

+data(): void
+sell():void
+promoteTheProduct():void
+products():void

Seller Object

Attributes:

-name: String
-telephone: int
-id : int
-email: String
-stand: String
Operations:
+sell(): void
+buy(): void
+organice():void
+checkOfProduct(): void
+informerTheProduct():void

Provider Object

Attributes:

-name: String
-telephone: int
-email: String
-address: String
-id: int

-gender: String

Operations:

+sell(quantity):void
+kindOfProduct(): void
+priceOfProducts():void