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A00381777

Tabla de Trazabilidad Tarea Integradora 3:

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| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| ReqFunc001  Register Vehicle | Class Gasoline | Gasoline(double basePrice, double salePrice, String brand, int model, double cylinderCapacity, double mileage, String badge, int type, Document soat, Document revision, Document propertyCard, int numDoor, boolean polarized, int type1, double tankCapacity, int typeGasoline) |
| Class Electric | Electric(double basePrice, double salePrice, String brand, int model, double cylinderCapacity, double mileage, String badge, int type, Document soat, Document revision, Document propertyCard, int numDoor, boolean polarized, int type1, double batteryDuration, int typeCharger) |
| Class Hybrid | Hybrid(double basePrice, double salePrice, String brand, int model, double cylinderCapacity, double mileage, String badge, int type, Document soat, Document revision, Document propertyCard, int numDoor, boolean polarized, int type1, double tankCapacity, int typeGasoline, double batteryDuration, int typeCharger) |
| Class Motorcycle | Motorcycle(double basePrice, double salePrice, String brand, int model, double cylinderCapacity, double mileage, String badge, int type, Document soat, Document revision, Document propertyCard, double gasolineCapacity, int type2) |
| Class Document | Document(double price, int year, String code) |
| Class Soat | Soat(double price, int year, String code, double moneyCovering) |
| Class Revision | Revision(double price, int year, String code, double gasLevel) |
|  | Class Control | parking(int model, Vehicle aux) |
|  | Class Control | roundHelper(int col, Vehicle vehicle) |

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| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| ReqFunc002  Calculate Sell Price | Class Control | findBadge(String badge) |
| Class Vehicle | sellPrice(int discount, double extraD) |
| Class Control | calculateSalePrice(String badge, int discount, double extraD) |
| Class Control | hasVehicle() |
| ReqFunc003  Show Vehicles | Class Control | hasVehicle() |
| Class Control | showAutomobiles(int typeA) |
| Class Control | showMotorcycles() |
| Class Control | showGasoline() |
| Class Control | showElectric() |
| Class Control | showNew() |
| Class Control | showUsed() |

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| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| ReqFunc004  Show Document | Class Control | hasVehicle() |
| Class Control | findBadge(String badge) |
| Class Control | showDocs(String badge) |
| ReqFunc005  Show Parking | Class Control | hasVehiclePark() |
| Class Control | showParkingLot() |
| ReqFunc006  Show Parking Vehicles | Class Control | hasVehiclePark() |
| Class Control | showVehicleYear(int year1, int year2) |
| Class Control | showVehicleNew() |
| Class Control | showVehicleOld() |
| Class Control | showParkingPercentage() |