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| PetrolStationSimulator |
| - pump : pump  - ticks : int  - vehicleProbability : Random  - vehicleArrival : boolean  - totalProfit : double  - lostProfit : double |
| Methods |

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| SmallCar |
| - gallons : int  - queueSpace : double  - shopProbability : boolean  - SEED : int |
| Methods |

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| <<Interface>>  Vehicles |
| Methods |

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| --- |
| petrolStationGUI |
|  |
| Methods |

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| Truck |
| - gallons : int  - queueSpace : double  - shopProbability : boolean  - Happiness : boolean  - SEED : int |
| Methods |

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| FamilySedan |
| - gallons : int  - queueSpace : double  - shopProbability : boolean  - SEED : int |
| Methods |

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| --- |
| Motorbike |
| - gallons : int  - queueSpace : double  - shopProbability : boolean  - SEED : int |
| Methods |

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| --- |
| Shop |
| - till : till  - payingTime : int  - totalProfit : double  - lostProfit : double |
| Methods |