**Submitters:  
-** Yarden Kuperberg 311149082  
-Shlomo Amor 803254

Types Names:

* Ex03.ConsoleUI:
  + program: class, Gateway for the program
  + GarageInputManager: class, Implementation of garage methods
  + eMenuResults: enum, describing menu options
* Ex03.GarageLogic:
  + Garage: class, stores all vehicle data and manages vehicles.
  + Vehicle: class, initiates vehicle object, base for all garage vehicls.
  + Cars: class inherited from vehicle, initiating car object.
  + Motorcycle: class inherited from vehicle, initiating motorcycle object.
  + Truck: class inherited from vehicle, initiating truck object.
  + Wheel: class, describing wheel object.
  + Engine: class, base for inherited engine classes
  + ElectricEngine: class inherited from Engine, initiating electric engine object.
  + FuelEngine: class inherited from Engine, initiating fuel engine object.
  + eCarColours: enum, describing car colours.
  + eCarNumberOfDoors: enum, describing car number of doors.
  + eFuelEngineType: enum, describing fuel types.
  + eTypeOfVehicle: enum, describing type of vehicles.
  + eVehicleStatus: enum, describing vehicle status.
  + eLicenseType: enum, describing different license

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| **Vehicle** |
| - r\_OwnerPhoneNumber  - r\_LicenseNumber  - r\_OwnerName  - r\_ModelName  -m\_MaxAirPressure  -m\_Engine  -m\_Prperties  - m\_WheelsList  -m\_VehicleStatus  -m\_TypeOfVehicle  -m\_WheelManufactureName  -m\_PropertiesDetails |
| + properties for each one of the fields  + AddWheels  +SetProperties |

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| **Motorcycle** |
| - k\_NumberOfWheels  - m\_LicenseType  - m\_EngineVolume |
| + properties for each one of the fields |

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| **Car** |
| - k\_NumberOfWheels  - m\_CarColour  - m\_CarNumberOfDoors |
| + properties for each one of the fields |

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| **Truck** |
| - k\_NumberOfWheels  - m\_IsDangerous  - m\_VolumeOfCargo |
| + properties for each one of the fields  +SetProperties |

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| **Engine** |
| -m\_RemainingCapacity  -m\_maxEnergyCapacity |
| + properties for each one of the fields |

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| **FueldEngine** |
| - m\_FuelEngineType |
| + properties for each one of the fields |

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| **ElectricEngine** |
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