functional requirements

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| Name | #1 Entry clients information |
| Description | Entry clients information and then is assigned to an employee |
| Input | Client name, last name, id, telephone, and the number of the list of employee to assign it |
| Output | Information of client is saved |

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| Name | #2 Entry employees information |
| Description | Entry employees information and then are saved |
| Entry | Employee name, last name, id. |
| Output | Employees information are saved |

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| Name | #3 Add a vehicle |
| Description | Receives the information of vehicles and then is saved |
| Input | For all vehicles:  Base price, model, brand, cylinder, mileage, if is used or no, a plque (in case if is new the plaque is null) i fis used requieres the soat and mechanical technician information with prices, year, gas levels and a mount of accidents cover price.  Motorcycles:  Type: standar, sport, scooter or cross, gas capacity  Cars:  Type if sedan or van doors numbers, polarized or not and if is a gasoline, electric or hybrid car.  If gasoline:  Tank capacity, gas type extra, normal or diesel.  If electric:  Charger type normal or fast, and battery life  If hybrid:  Same inputs of gasoline and electric car |
| Output | The vehicle is added |

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| Name | #4 Calculate gas consume |
| Description | Is the tank capacity multiply by cylinder and divides between a number depend of vehicle type. |
| Input | Tank capacity and cylinder |
| Output | The consume of gas is calculated |

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| Name | #5 Calculate the battery consume |
| Description | The battery life plus a number depend of type of charger and then multiply by the division pf the cylinder between a hundred |
| Input | Battery life, cylinder, charger type |
| Output | The consume of battery is calculated |

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| Name | #6 Add vehicles to a favorite list |
| Description | A client can add vehicles to his own favorite list |
| Input | Select the vehicle on the list |
| Output | Vehicle is saved to favorite list |

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| Name | #7 Show information of client favorite list |
| Description | Shows the vehicles information on the favorite list of client |
| Input |  |
| Output | Deploy the list |

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| Name | #8 Calculate total price |
| Description | Calculates the total Price to sell depend of the vehicle type and if is used or new |
| Input | Vehicle base Price, condition of use and vehicle type |
| Output | Calculates the total Price and is saved |

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| Name | #9 Update information at selling |
| Description | Update the vehicles information when one of them is sold |
| Input |  |
| Output | Information is up of date |

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| Name | #10 Show vehicle catalog |
| Description | Shows the vehicles catalog and theirs all information |
| Input |  |
| Output | Deploy catalog |

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| Name | #11 Organize parking lot |
| Description | Organize the cars depend of the models: 2014 first column, 2013 second one, third one 2012, fourth one 2011, and the last one model backward of 2011. |
| Input |  |
| Output | Organize and save the cars that accomplish the models |

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| Name | #12 Show cars on the parking lot |
| Description | Show the cars in the parking lot |
| Input | Model car year |
| Output | Shows the cars with the same model |