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| **NAME** | Registration |
| **ACTORS** | Guest |
| **ENTRY CONDITIONS** |  |
| **FLOW OF EVENTS** | The guest:   1. connects to the system |
| **EXIT CONDITIONS** | The guest access to the compilation form or he can exit the system |
| **EXCEPTIONS** |  |

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| **NAME** | Login |
| **ACTORS** | Guest |
| **ENTRY CONDITIONS** |  |
| **FLOW OF EVENTS** | The guest:   1. connects to the system 2. inserts his username and the password received after the registration in a form 3. sends the form |
| **EXIT CONDITIONS** | The guest receives a notification for the success of the operation and he enters the system as user |
| **EXCEPTIONS** | If the username or the password are incorrect the system notifies the error to the guest |

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| **NAME** | Visualize available vehicles |
| **ACTORS** | User |
| **ENTRY CONDITIONS** |  |
| **FLOW OF EVENTS** | 1. The user selects a position 2. The system shows to the user all the available car near his position |
| **EXIT CONDITIONS** | The user can selects an available vehicle shown by the system or exit the system |
| **EXCEPTIONS** |  |

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| **NAME** | Reserve available vehicle |
| **ACTORS** | User |
| **ENTRY CONDITIONS** | The user must have selected an available vehicle |
| **FLOW OF EVENTS** | 1. The system shows to the user the position and the level of charge of the selected vehicle |
| **EXIT CONDITIONS** | Either the user confirms the reservation , the system changes the state of the selected vehicle to unavailable and notifies the user for the success of the operation or the user can exit the system |
| **EXCEPTIONS** | If the user is in the black list, the system notifies him that he can’t reserve a vehicle |

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| **NAME** | Use reserved vehicle |
| **ACTORS** | User |
| **ENTRY CONDITIONS** | The user must have reserved a vehicle |
| **FLOW OF EVENTS** | The user:   1. arrives at the reserved vehicle 2. unlocks the vehicle through the system 3. ignites and uses the vehicle 4. parks the vehicle 5. turns off and exits the vehicle |
| **EXIT CONDITIONS** | The system calculates the cost of the ride, charges the user and changes the state of the used vehicle to available |
| **EXCEPTIONS** | When the system charges the user, if he hasn’t enough money, it puts him in the blacklist |

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| **NAME** | Fill the form |
| **ACTORS** | Guest |
| **ENTRY CONDITIONS** | The guest must have started a registration procedure |
| **FLOW OF EVENTS** | The guest:   1. inserts the personal data: name, surname, birth date, birth place and tax code 2. inserts his driving license 3. inserts the payment informations 4. sends the form to the system |
| **EXIT CONDITIONS** | The guest receives an acknowledgement and a password to access the system |
| **EXCEPTIONS** | If the guest doesn’t compile all the fields of the form or some fields are incorrect, he will receive a notification for the errors and will not receive the password |

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| **NAME** | Visualize all the vehicles |
| **ACTORS** | Technician |
| **ENTRY CONDITIONS** |  |
| **FLOW OF EVENTS** | 1. The technician connects to the system 2. The system shows to the tehnician all the car |
| **EXIT CONDITIONS** | The technician can select a vehicle shown by the system or exit the system |
| **EXCEPTIONS** |  |

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| **NAME** | Check the state of a vehicle |
| **ACTORS** | Technician |
| **ENTRY CONDITIONS** | The technician must have selected a vehicle |
| **FLOW OF EVENTS** | 1. The system shows to the technician the position, the state, the level of charge of the selected vehicle |
| **EXIT CONDITIONS** | The technician can decide to change the state of the car or exit the system |
| **EXCEPTIONS** |  |

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| **NAME** | Change the state of a vehicle |
| **ACTORS** | Technician |
| **ENTRY CONDITIONS** | The technician must have checked the state of a vehicle |
| **FLOW OF EVENTS** | 1. The system shows to the technician some options to change the state of the selected vehicle 2. The technician chooses the state in which the vehicle will change |
| **EXIT CONDITIONS** | The system changes the state of the vehicle in that chosen by the technician and confirms the success of the operation |
| **EXCEPTIONS** |  |

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| **NAME** | Check the current charges |
| **ACTORS** | User |
| **ENTRY CONDITIONS** | The user is using a vehicle |
| **FLOW OF EVENTS** | 1. The user can look at the screen of the vehicle to retrieve information about the amount of the charging |
| **EXIT CONDITIONS** |  |
| **EXCEPTIONS** |  |

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| **NAME** | Select a position |
| **ACTORS** | User |
| **ENTRY CONDITIONS** | The user is using a vehicle |
| **FLOW OF EVENTS** | 1. The user inserts his position through an address or a GPS system |
| **EXIT CONDITIONS** | If the user inserts the address, he has to confirm the choice, otherwise the system takes the position automatically |
| **EXCEPTIONS** |  |