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| Use Case Name | CancelReservation |
| Participating Actors | Initiated by Renter |
| Flow of Events | 1. The Renter activates the “CancelReservation” function of his/her menu. 2. The Renter choose to “SearchByConfirmationNumber” or “SearchByPhoneNumberAndDate” 3. If an error, display the message “no reservation” 4. Else the Renter is asked to “ConfirmCancellation” |
| Entry Condition | * The Renter is signed in |
| Quality Requirements | * The database’s response is within 5 seconds. |

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| Use Case Name | SearchByConfirmationNumber |
| Participating Actors | Initiated by Renter  Communicates with Database |
| Flow of Events | 1. The Renter enters confirmation number on his/her terminal 2. The format is checked    1. if the format is not correct, the Renter enters again 3. Else the database receives this number tries to find a match    1. if a match if found, the match    2. else it returns error |
| Entry Condition | * In “CancelReservation” |
| Quality Requirements | * The database’s response is within 5 seconds. |

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| Use Case Name | SearchByPhoneNumberAndDate |
| Participating Actors | Initiated by Renter  Communicates with Database |
| Flow of Events | 1. The Renter enters phone number and start date on his/her terminal 2. The format of the phone number is checked and the format of the start date is checked    1. if the either is not correct, the Renter enters again 3. Else the database receives both phone number and start date tries to find a match    1. if a match if found, the database returns the match    2. else it returns error |
| Entry Condition | * In “CancelReservation” |
| Quality Requirements | * The database’s response is within 5 seconds. |

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| Use Case Name | ConfirmCancellation |
| Participating Actors | Initiated by Renter  Communicates with Database |
| Flow of Events | 1. The Renter is asked to select “yes/no” to confirm if he/she wants to cancel the reservation. 2. If Renter selects yes 3. Database deletes the entry 4. Else The Renter sees the main menu again. |
| Entry Condition | * In “CancelReservation” * found a valid match |
| Quality Requirements | * The database’s response is within 5 seconds. |

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| Use Case Name | QueryCars |
| Participating Actors | Initiated by Renter  Communicates with Database |
| Flow of Events | 1. The Renter clicks the “QueryCars” function. 2. The database returns a list of cars matching the result:    1. Each row contains car icon, car type, car brand, car capacity, car trunk, car doors, A/C, fuel info, total price, and reserve button    2. They are grouped by total price, car type, and car brand. |
| Entry Condition | * The Renter fills out the form of following five things: pick-up location, return location, pick-up date, and return date, car or truck(choose car) |
| Quality Requirements | * The database’s response is within 10 seconds. |

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| Use Case Name | QueryTrucks |
| Participating Actors | Initiated by Renter  Communicates with Database |
| Flow of Events | 1. The Renter clicks the “QueryTrucks” function. 2. The database returns a list of trucks matching the result:    1. Each row contains truck icon, truck type, truck brand, description of usage, truck dimensions, door dimensions, deck dimensions, EZ-Load Ramp, total price, and reserve button    2. They are grouped by total price, truck type, and truck brand. |
| Entry Condition | * The Renter fills out the form of following five things: pick-up location, return location, pick-up date, and return date, car or truck(choose truck) |
| Quality Requirements | * The database’s response is within 10 seconds. |

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| Use Case Name | FilterCars |
| Participating Actors | Initiated by Renter  Communicates with Database |
| Flow of Events | 1. The Renter can check multiple items in the list, and click “Filter” function 2. The Database returns a list of cars matches the previous “QueryCars” restrictions and the new restrictions checked:    1. Each row contains car icon, car type, car brand, car capacity, car trunk, car doors, A/C, fuel info, total price, and reserve button |
| Entry Condition | * After “QueryCars” function * On the side of the results from “QueryCars”, there are checkboxes for the users to select to filter the results.   + Includes list of Car Type, list of total prices, and list of Specifications. |
| Quality Requirements | * The database’s response is within 10 seconds * The Renter clicks on the next action within 10 minutes. |

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| Use Case Name | FilterTrucks |
| Participating Actors | Initiated by Renter  Communicates with Database |
| Flow of Events | 1. The Renter can check multiple items in the list, and click “Filter” function 2. The Program Logic returns a list of cars matches the previous “QueryTrucks” restrictions and the new restrictions checked:    1. Each row contains truck icon, truck type, truck brand, description of usage, truck dimensions, door dimensions, deck dimensions, EZ-Load Ramp, total price, and reserve button    2. They are grouped by total price, truck type, and truck brand. |
| Entry Condition | * After “QueryTrucks” function * On the side of the results from “QueryTrucks”, there are checkboxes for the users to select to filter the results.   + Includes list of Truck Type, list of total prices, and list of Specifications. |
| Quality Requirements | * The database’s response is within 10 seconds * The Renter clicks on the next action within 10 minutes. |

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| Use Case Name | ApplySuperRent |
| Participating Actors | Initiated by Renter  Communicates with Database |
| Flow of Events | 1. Renter activates “ApplySuperRent” function. 2. Database receives the request and add the renter to the club 3. Renter’s points start at 500. 4. Renter now sees his points being part of his menu. 5. Renter is provided with instructions on how the point system works. |
| Entry Condition | * Renter signed in |
| Quality Requirements | * The Database replies within 5 seconds |