**CRC Cards**

**Use Case: Register**

|  |  |  |  |
| --- | --- | --- | --- |
| ClientController | | | |
| completeRegistration() | | Client | |
|  | | Vehicle | |
|  | |  | |
|  |  |  |  |
| Client | | | |
| createClient(ClSurname,ClInitials,ClIdNo,ContactNo) | |  | |
| createLoginDetails(Username,Password) | |  | |
|  | |  | |
|  |  |  |  |
| Vehicle | | | |
| createVehicle(RegNo,Make,Model,Colour,Year,ClCode) | |  | |
|  | |  | |
|  | |  | |

**Use Case: Make Booking**

|  |  |  |  |
| --- | --- | --- | --- |
| ClientController | | | |
| completeBooking() | | Booking | |
|  | |  | |
|  | |  | |
|  |  |  |  |
| Booking | | | |
| searchVehicle(RegNo) | | Vehicle | |
| findEmployee(EmpNo) | | Employee | |
| createBooking(Date,Time,SCode,RegNo,EmpNo)  getBooking(JobCardNo) | |  | |
|  |  |  |  |
| Vehicle | | | |
| getVehicle(RegNo) | |  | |
|  | |  | |
|  | |  | |
|  |  |  |  |
| Employee | | | |
| getEmployee(EmpNo) | |  | |
|  | |  | |
|  | |  | |
|  |  |  |  |
| Jobcard | | | |
| createJobcard(JobCardNo,Scode) | | Booking | |
|  | |  | |

**Use Case: Check Vehicle**

|  |  |  |  |
| --- | --- | --- | --- |
| EmployeeController | | | |
| checkVehicle() | | Jobcard | |
|  | |  | |
|  | |  | |
|  |  |  |  |
| Jobcard | | | |
| searchBooking(JobCardNo) | | Booking | |
| updateJobcard(JobCardNo,Damage,DamageType) | |  | |
|  | |  | |
|  |  |  |  |
|  |  |  |  |
| Booking | | | |
| getBooking(JobCardNo) | |  | |
|  | |  | |
|  | |  | |

**Use Case: Make Invoice**

|  |  |  |  |
| --- | --- | --- | --- |
| EmployeeController | | | |
| makeInvoice() | | Invoice | |
|  | |  | |
|  | |  | |
|  |  |  |  |
| Invoice | | | |
| searchBooking(JobCardNo) | | Booking | |
| createInvoice(IDate,IAmount) | |  | |
|  | |  | |
|  |  |  |  |
| Booking | | | |
| getBooking(JobCardNo) | |  | |
| updateBooking(JobCardNo,INo) | | Invoice | |
|  | |  | |

**Use Case: Assign Job**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ManagerController | | | | |
| assignJob() | | | Booking | |
| findEmployee(EmpNo) | | | Employee | |
|  | | |  | |
|  |  | |  |  |
| Booking | | | | |
| getBooking(JobCardNo) | | |  | |
| updateBooking(JobCardNo,EmpNo) | | |  | |
|  | | |  | |
| Employee | | | | |
| getEmployee(EmpNo) | |  | | |
|  | |  | | |
|  | |  | | |

**Use Case: Add employee**

|  |  |  |  |
| --- | --- | --- | --- |
| ManagerController | | | |
| addEmployee(empSurname,empInitials,empIdNo,ContactNo) | | Manager | |
|  | |  | |
|  | |  | |
|  |  |  |  |
|  |  |  |  |
| Employee | | | |
| getEmployee(empNo) | |  | |
|  | |  | |
|  | |  | |

**Use Case: Update Booking**

|  |  |  |  |
| --- | --- | --- | --- |
| BookingController | | | |
| searchClient | | client | |
| searchBooking() | | booking | |
| confirmBooking() | |  | |
|  |  |  |  |
| Booking | | | |
| getBooking() | |  | |
| Updatebooking() | | client | |
|  | |  | |
|  |  |  |  |
| Client | | | |
| getClient() | |  | |
|  | |  | |
|  | |  | |
|  |  |  |  |
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**Use Case: Add vehicle**

|  |  |  |  |
| --- | --- | --- | --- |
| VehicleController | | | |
| addVehicle(RegNo,make,model,colour,year) | | vehicle | |
| confirmAddedVehicle() | |  | |
|  | |  | |
|  |  |  |  |
| Client | | | |
| getClient() | |  | |
|  | |  | |
|  | |  | |
|  |  |  |  |
|  |  |  |  |
| Vehicle | | | |
| getVehicle() | |  | |
|  | |  | |
|  | |  | |

**Use Case: Make comment**

|  |  |  |  |
| --- | --- | --- | --- |
| ClientController | | | |
| searchClient() | | client | |
| makecomment | | comment | |
|  | |  | |
|  |  |  |  |
| Client | | | |
| getClient | |  | |
|  | |  | |
|  | |  | |
|  |  |  |  |
| Comment | | | |
| getComment | | client | |
|  | |  | |
|  | |  | |

**Use Case: View available jobs**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| EmployeeController | | | | |
| viewJobs() | |  | | |
| searchVehicle(RegNo) | | Vehicle | | |
| findEmployee(empNo)  findBooking() | | Employee  Booking | | |
|  |  |  | |  |
| Booking | | | | |
| getBooking(JobCardNo) | |  | | |
| updateBooking(status) | | employee | | |
|  | |  | | |
| Vehicle | | | | |
| getVehicle(RegNo) | | |  | |
|  | | |  | |
|  | | |  | |

|  |  |
| --- | --- |
| Employee | |
| getEmployee(empNo) |  |
|  |  |
|  |  |

**Use Case: View employee**

|  |  |  |  |
| --- | --- | --- | --- |
| ManagerController | | | |
| searchEmployee() | | Employee | |
| searchVehicle() | | Vehicle | |
|  | |  | |
|  |  |  |  |
| Employee | | | |
| getEmployee(ClSurname,ClInitials,ClIdNo,ContactNo) | |  | |
|  | |  | |
|  | |  | |
|  |  |  |  |
| Vehicle | | | |
| viewVehicle(RegNo,Make,Model,Colour,Year,ClCode) | |  | |
|  | |  | |
|  | |  | |

**Use Case: view comment**

|  |  |  |  |
| --- | --- | --- | --- |
| ManagerController | | | |
| searchClient()  searchComment() | | Client | |
|  | | Comment | |
|  | |  | |
|  |  |  |  |
| Client | | | |
| getClient(ClSurname,ClInitials,ClIdNo,ContactNo) | |  | |
|  | |  | |
|  | |  | |
|  |  |  |  |
| Comment | | | |
| viewComment() | |  | |
|  | |  | |
|  | |  | |

**Use Case: Add Service**

|  |  |  |  |
| --- | --- | --- | --- |
| ManagerController | | | |
| searchService() | | Service | |
|  | |  | |
|  | |  | |
|  |  |  |  |
| Service | | | |
| addedService(SCode,SDesc,SPrice) | |  | |
|  | |  | |
|  | |  | |
|  |  |  |  |

**Use Case: Update Service**

|  |  |  |  |
| --- | --- | --- | --- |
| ManagerController | | | |
| searchService() | | Service | |
|  | |  | |
|  | |  | |
|  |  |  |  |
| Service | | | |
| confirmUpdateService(SCode,SDesc,SPrice) | |  | |
|  | |  | |
|  | |  | |
|  |  |  |  |

**Use Case: view report**

|  |  |  |  |
| --- | --- | --- | --- |
| managerController | | | |
| searchReport()  searchClient() | | Client | |
|  | | Comment | |
|  | |  | |
|  |  |  |  |
| Client | | | |
| getClient(ClSurname,ClInitials,ClIdNo,ContactNo) | |  | |
|  | |  | |
|  | |  | |
|  |  |  |  |
| Report | | | |
| viewReport() | |  | |
|  | |  | |
|  | |  | |