**CRC Cards**

**Use Case: Register**

|  |  |  |  |
| --- | --- | --- | --- |
| RegiterController | | | |
| registerUser() | | Register | |
| registerClient() | | Register | |
|  | |  | |
|  |  |  |  |
| Register | | | |
| registerClient(ClSurname,ClInitials,ClIdno,ContactNo, EmailAddress, Username, RegNo, Make, Model, Colour, Year) | |  | |
| registerUser(Username, Password) | |  | |
|  | |  | |

**Use Case: Make Booking**

|  |  |  |  |
| --- | --- | --- | --- |
| ClientController | | | |
| addBooking() | | Client | |
|  | |  | |
|  | |  | |
|  |  |  |  |
| Client | | | |
| addBookings(Date, RegNo,Time,SCode) | |  | |
|  | |  | |
|  | |  | |

**Use Case: Check Vehicle**

|  |  |  |  |
| --- | --- | --- | --- |
| EmployeeController | | | |
| checkVehicle() | | Employee | |
|  | |  | |
|  | |  | |
|  |  |  |  |
| Employee | | | |
| checkVehicle(damage,damagetype,jobcardno) | |  | |
| allBooking(EmpNo) | |  | |
|  | |  | |

**Use Case: Make Invoice**

|  |  |  |  |
| --- | --- | --- | --- |
| EmployeeController | | | |
| makeInvoice() | | Employee | |
|  | |  | |
|  | |  | |
|  |  |  |  |
| Employee | | | |
| addInvoice(idate,jobcardno) | |  | |
|  | |  | |
|  | |  | |
|  |  |  |  |
| Booking | | | |
| JobAll() | |  | |
|  | |  | |
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**Use Case: Assign Job**

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| --- | --- | --- | --- | --- | --- |
| ManagerController | | | | | |
| assignJob() | | | Booking | | |
| findEmployee(EmpNo) | | | Employee | | |
|  | | |  | | |
|  |  | |  | |  |
| AllEmpBooking | | | | | |
| All() | | |  | | |
|  | | |  | | |
|  | | |  | | |
| Employee | | | | | |
| All() | |  | | | |
|  | |  | | | |
|  | |  | | | |
| Manager | | | | | |
| assignJob(jobcardno,EmpNo) | | | |  | |
|  | | | |  | |
|  | | | |  | |

**Use Case: Add employee**

|  |  |  |  |
| --- | --- | --- | --- |
| ManagerController | | | |
| addEmployee() | | Manager | |
|  | |  | |
|  | |  | |
|  |  |  |  |
|  |  |  |  |
| Manager | | | |
| addEmployee(surname,initials,firstname,idno,dateAppointed,jobDesc,username,password) | |  | |
|  | |  | |
|  | |  | |

**Use Case: Update Booking**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ClientController | | | | | | |
| updateBooking() | | | | client | | |
|  | | | |  | | |
|  | | | |  | | |
|  |  | | |  | |  |
|  | |  |  | |
| Client | | | | | | |
| allBooking()  updateBooking(jobcardNo,date,time,scode) | | | |  | | |
|  | | | |  | | |
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**Use Case: Add vehicle**

|  |  |  |  |
| --- | --- | --- | --- |
| ClientController | | | |
| addVehicle() | | client | |
|  | |  | |
|  | |  | |
|  |  |  |  |
| Client | | | |
| addVehicle(regno,make,model,color,year) | |  | |
|  | |  | |
|  | |  | |
|  |  |  |  |
|  |  |  |  |
| Vehicle | | | |
| insertVehicle()  getVehicle() | |  | |
|  | |  | |
|  | |  | |

**Use Case: Make comment**

|  |  |  |  |
| --- | --- | --- | --- |
| ClientController | | | |
| addComment() | | Comment | |
|  | |  | |
|  | |  | |
|  |  |  |  |
|  |  |  |  |
| Client | | | |
| addComment(description,regno) | |  | |
|  | |  | |
|  | |  | |

**Use Case: View available jobs**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| EmployeeController | | | | |
| viewJobs() | | Employee | | |
| searchVehicle(RegNo) | | Vehicle | | |
| findBooking() | | 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() | |  | |
|  | |  | |
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**Use Case: Add Service**

|  |  |  |  |
| --- | --- | --- | --- |
| ManagerController | | | |
| searchService() | | Service | |
|  | |  | |
|  | |  | |
|  |  |  |  |
| Service | | | |
| addedService(SCode,SDesc,SPrice) | |  | |
|  | |  | |
|  | |  | |
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**Use Case: Update Service**

|  |  |  |  |
| --- | --- | --- | --- |
| ManagerController | | | |
| searchService() | | Service | |
|  | |  | |
|  | |  | |
|  |  |  |  |
| Service | | | |
| confirmUpdateService(SCode,SDesc,SPrice) | |  | |
|  | |  | |
|  | |  | |
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**Use Case: view report**

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