**API DOCUMENTATION**

**CAR MODULE:**

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| **API DESCRIPTION** | **URL** | **METHOD** | **SAMPLE REQUEST** | **SAMPLE RESPONSE** |
| **Create new car entry** | /car | POST | {  "name" : "Ford Figo",  "registrationNumber" : "MH-14GH-9011”  } | {  "id": 1,  "name": “Ford Aspire", "registrationNumber": “MH-12-FG-1092“  } |
| **Update car entry** | /car/<id> | PUT | {  "name" : "Ford Figo",  "registrationNumber" : "MH-14GH-9011”  } | {  "id": 1,  "name": “Ford Aspire", "registrationNumber": “MH-12-FG-1092"}  } |
| **Get car by id** | /car/<id> | GET | NA | {  "id": 1,  "name": “Ford Aspire", "registrationNumber": “MH-12-FG-1092"}  } |
| **Delete car by id** | /car/<id> | DELETE | NA | NA |
| **Get All Cars** | /car | GET | NA | [  {  "id": 1,  "name": “Ford Aspire", "registrationNumber": “MH-12-FG-1092"}  }  ] |

**DRIVER MODULE:**

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| **API DESCRIPTION** | **URL** | **METHOD** | **SAMPLE REQUEST** | **SAMPLE RESPONSE** |
| **Create new driver entry** | /driver | POST | {  "firstName" : "John",  "lastName" : "Smith",  "userName" : "jsmith@test.com",  "carId" : 1  } | {  "id": 2,  "firstName": " John ",  "lastName": " Smith ",  "userName": " jsmith@test.com ",  "car": {  "id": 1,  "name": " Ford Aspire ",  "registrationNumber": “MH-12-FG-1092“  }  } |
| **Update driver entry** | /driver/<id> | PUT | {  "firstName" : "John",  "lastName" : "Hales",  "userName" : "jsmith@test.com",  "carId" : 1  } | {  "id": 2,  "firstName": " John ",  "lastName": " Hales ",  "userName": " jsmith@test.com ",  "car": {  "id": 1,  "name": " Ford Aspire ",  "registrationNumber": “MH-12-FG-1092“  }  } |
| **Get driver by id** | /driver/<id> | GET | NA | {  "id": 2,  "firstName": " John ",  "lastName": " Hales ",  "userName": " jsmith@test.com ",  "car": {  "id": 1,  "name": " Ford Aspire ",  "registrationNumber": “MH-12-FG-1092“  }  } |
| **Delete driver by id** | /driver/<id> | DELETE | NA | NA |
| **Assign car to driver** | /driver/assign-car | PATCH | {  “carId” : 2  } | {  “success” : true  } |

**BOOKING MODULE:**

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| **API DESCRIPTION** | **URL** | **METHOD** | **SAMPLE REQUEST** | **SAMPLE RESPONSE** |
| **Create new booking** | /booking | POST | {  "driverId" : 2,  "date" : "12-AUG-2019",  "startTime" : "14:30:00",  "endTime" : "15:00:00"  } | {  “success” : true  } |
| **Get all bookings** | /booking | GET |  | [  {  "id": 5,  "driverId": 2,  "carId": 1,  "startTime": "2019-08-12T14:30:00.000+0000",  "endTime": "2019-08-12T15:00:00.000+0000",  "status": "CONFIRMED"  }  ] |
| **Get bookings by status** | /booking/by-status/<status> | GET | NA | [  {  "id": 5,  "driverId": 2,  "carId": 1,  "startTime": "2019-08-12T14:30:00.000+0000",  "endTime": "2019-08-12T15:00:00.000+0000",  "status": "CONFIRMED"  }  ] |
| **Update booking status** | /booking/update-status/<id> | PATCH | {  “status” : “CONFIRMED”  } | [  {  "id": 5,  "driverId": 2,  "carId": 1,  "startTime": "2019-08-12T14:30:00.000+0000",  "endTime": "2019-08-12T15:00:00.000+0000",  "status": "CONFIRMED"  }  ] |