**User Story Elaborations**

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| **Number** | **Priority** | | **Name** | |
| 1 | High | | View all cars | |
|  | **Narrative** | | | |
| **As a/an... (Who)** | **I want to... (What)** | | **So that... (Why)** |
| API User | View all the cars | | I can see all the cars in the database |
| **Acceptance criteria** | | | |
| **Scenario 1 – URI for view all cars entered correctly** | | | |
| **Given** | **When** | | **Then** |
| * The database and server are running | * The user enters the correct HTTP method GET * The user enters the correct URI to view all the cars | | * The user gets all the cars in the database |
| **Scenario 2 – URI entered incorrectly** | | | |
| **Given** | **When** | | **Then** |
| * The user enters the wrong URI or HTTP method | * The user enters the wrong URI or HTTP method | | * The server gives 404 error not found |

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| **Number** | **Priority** | | **Name** | |
| 2 | High | | View one car by id | |
|  | **Narrative** | | | |
| **As a/an... (Who)** | **I want to... (What)** | | **So that... (Why)** |
| API User | View one car in the database | | I can see one car by a particular id |
| **Acceptance criteria** | | | |
| **Scenario 1 – URI for view all cars entered correctly** | | | |
| **Given** | **When** | | **Then** |
| * The database and server are running | * The user enters the correct HTTP method GET * The user enters the correct URI to view one particular cars | | * The user gets the one car in the database |
| **Scenario 2 – URI entered incorrectly** | | | |
| **Given** | **When** | | **Then** |
| * The user enters the wrong URI or HTTP method | * The user enters the wrong URI or HTTP method | | * The server gives 404 error not found |
|  | **Scenario 3 – Record does not exist** | | | |
|  | **Given** | **When** | | **Then** |
|  | * The user enters a record that does not exist in the database | * The user enters that record id | | * The server gives 404 error not found |

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| **Number** | **Priority** | | **Name** | |
| 3 | High | | Adding a new car | |
|  | **Narrative** | | | |
| **As a/an... (Who)** | **I want to... (What)** | | **So that... (Why)** |
| API User | Edit the list of cars by Adding a new car to the list | | So that I can add new car to the inventory |
| **Acceptance criteria** | | | |
| **Scenario 1 – URI for add a car entered correctly** | | | |
| **Given** | **When** | | **Then** |
| * The database and server are running | * The user enters the correct HTTP method PUT | | * The user will have added a new car to the existing list of cars |
| **Scenario 2 – URI entered incorrectly** | | | |
| **Given** | **When** | | **Then** |
| * The user enters the wrong URI or HTTP method | * The user enters the wrong URI or HTTP method | | * The server gives 404 error not found |
|  | |  | | --- | | **Scenario 3– Database is down** | | | | |
|  | * The database is down | * The database is not running | | * The server gives 404 error not found |

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| **Number** | **Priority** | | | **Name** | | |
| 4 | High | | | Update details of a car | | |
|  | **Narrative** | | | | | |
| **As a/an... (Who)** | **I want to... (What)** | | | **So that... (Why)** | |
| API User | Update details of a car | | | So that I can update the price per day of the car | |
| **Acceptance criteria** | | | | | |
| **Scenario 1 – URI for update details of a car entered correctly** | | | | | |
| **Given** | **When** | | | **Then** | |
| * The database and server are running | * The user enters the correct HTTP method GET * The user enters the correct URI to search a car he wants to update * Enters the HTTP method PUT and update the car in the body and Enter the URI again with id’ | | | * The user will get the updated details of the car | |
| **Scenario 2 – URI entered incorrectly** | | | | | |
| **Given** | **When** | | | **Then** | |
| * The user enters the wrong URI or HTTP method | * The user enters the wrong URI or HTTP method | | | * The server gives 404 error not found | |
|  | **Scenario 3 – Record does not exist** | | | | | |
|  | **Given** | | **When** | | | **Then** |
|  | * The user enters a record that does not exist in the database | | The user enters that record id  He wants to update | | | The server gives 404 error not found |

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| **Number** | **Priority** | | | **Name** | | |
| 5 | High | | | Delete a car | | |
|  | **Narrative** | | | | | |
| **As a/an... (Who)** | **I want to... (What)** | | | **So that... (Why)** | |
| API User | Delete a car | | | so that I can delete the car from my list | |
| **Acceptance criteria** | | | | | |
| **Scenario 1 – URI for update details of a car entered correctly** | | | | | |
| **Given** | **When** | | | **Then** | |
| * The database and server are running | * The user enters the correct HTTP method GET * Enters the HTTP method DELETE | | | * The car will be deleted from list | |
| **Scenario 2 – URI entered incorrectly** | | | | | |
| **Given** | **When** | | | **Then** | |
| * The user enters the wrong URI or HTTP method | * The user enters the wrong URI or HTTP method | | | * The server gives 404 error not found | |
|  | **Scenario 3 – Record does not exist** | | | | | |
|  | **Given** | | **When** | | | **Then** |
|  | * The user enters a record that does not exist in the database | | The user enters that record id  that he wants to delete | | | The server gives 404 error not found |

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| **Number** | **Priority** | | **Name** | |
| 6 | High | | Search car by make | |
|  | **Narrative** | | | |
| **As a/an... (Who)** | **I want to... (What)** | | **So that... (Why)** |
| API user | Search a car by its make | | I can search the car I want by its make |
| **Acceptance criteria** | | | |
| **Scenario 1 – URI for search a car by make entered correctly** | | | |
| **Given** | **When** | | **Then** |
| * The database and server are running | * The user enters the correct HTTP method GET * The user enters the correct URI to search a car with make   ’ | | * The user will get the car he wanted to view |
| **Scenario 2 – URI entered incorrectly** | | | |
| **Given** | **When** | | **Then** |
| * The user enters the wrong URI or HTTP method | * The user enters the wrong URI or HTTP method | | * The server gives 404 error not found |

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| **Number** | **Priority** | | **Name** | |
| 7 | High | | Search car by make and price per day | |
|  | **Narrative** | | | |
| **As a/an... (Who)** | **I want to... (What)** | | **So that... (Why)** |
| API user | Search a car by its make and price per day | | I can search the car I want by its make and price per day |
| **Acceptance criteria** | | | |
| **Scenario 1 – URI for search a car by make and price per day entered correctly** | | | |
| **Given** | **When** | | **Then** |
| * The database and server are running | * The user enters the correct HTTP method GET * The user enters the correct URI to search a car with make and by price per day   ’ | | * The user will get the car he wanted to view |
| **Scenario 2 – URI entered incorrectly** | | | |
| **Given** | **When** | | **Then** |
| * The user enters the wrong URI or HTTP method | * The user enters the wrong URI or HTTP method | | * The server gives 404 error not found |