UI Tests:

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| # | Artifact Tested | Pre-Conditions | Test Steps | Expected Results | Passed? |
| 1 | MO app UI | One of the fields are empty | Click on “Generate Parking Report” button | App shows “Please enter the required information” | Yes |
| 2 | MO app UI | MO is logged in | Enter invalid parking space ID  Click on “Generate Parking Report” button | App shows “invalid ID” message | Yes |
| 3 | MO app UI | There was parking event in the queried time | Fill the fields with the information.  Click on “Check Past Parking” button | App shows “Parking Ok” message | Yes |
| 4 | MO app UI | There was not parking event in the queried time | Click on “Check Past Parking” button | App shows “Parking Not Ok” message | Yes |
| 5 | MO app UI | Vehicle number is invalid | Enter invalid vehicle number  Click on “Check Past Parking” button | App shows “Vehicle Number Is Invalid” message | Yes |
| 6 | MO app UI | Parking space ID is invalid | Enter invalid parking space ID.  Click on “Check Past Parking” button | App shows “Parking Space ID Is Invalid” message | Yes |

Integration Tests:

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| 7 | MO app | There was an active parking event in the queried time | 1. Enter valid vehicle number and parking space ID 2. Click on “Check Vehicle” button 3. Send vehicle number and parking space ID to the server | Server verifies validity of vehicle number and parking space ID  Server verifies that there was a parking event in the queried time  App receives “Parking Ok” from server | Yes |
| 8 | MO app | There was no active parking event in the queried time | 1. Enter valid vehicle number and parking space ID 2. Click on “Check Vehicle” button 3. Send vehicle number and parking space ID to the server | Server verifies validity of vehicle number and parking space ID  Server verifies Start Time and End Time match the queried time  App receives “Parking not Ok” from server | Yes |
| 9 | MO app | MO is logged in | 1. Click on “Parking Space Usage Report” button 2. Server verifies the validity parking space ID 3. Server finds all parking events for given space ID | App receives a list of times the parking space ID has been used | Yes |
| 10 | MO app | two or more different servers are running.  There was an active parking event in the queried time | 1. Enter valid vehicle number and parking space ID 2. Click on “Check Vehicle” button 3. Send vehicle number and parking space ID to the server | Switch to a currently running server.  Server verifies validity of vehicle number and parking space ID  Server verifies that there was a parking event in the queried time  App receives “Parking Ok” from server | Yes |
| 11 | MO app | two or more different servers are running.  There was no active parking event in the queried time | 1. Enter valid vehicle number and parking space ID 2. Click on “Check Vehicle” button 3. Send vehicle number and parking space ID to the server | Switch to a currently running server.  Server verifies validity of vehicle number and parking space ID  Server verifies Start Time and End Time match the queried time  App receives “Parking not Ok” from server | Yes |
| 12 | MO app | two or more different servers are running.  MO is logged in | 1. Click on “Parking Space Usage Report” button | Switch to a currently running server.  App receives a list of times the parking space ID has been used | Yes |

Acceptance Tests:

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| 13 | MO app | MO is logged in  Vehicle number and parking space ID are valid  There was a parking event in the queried time | 1. MO selects “Check Vehicle” 2. MO enters valid vehicle number, valid parking space ID, date and time 3. System checks if vehicle number and parking space id are valid 4. System checks if parking event where Start Time and Stop Time cover queried time and date | App shows “Parking Ok” message | Yes |
| 14 | MO app | MO is logged in.  Vehicle number is invalid | 1. MO selects “Check Vehicle” 2. MO enters invalid vehicle number, valid parking space ID, date and time | App shows “vehicle number is invalid” message | Yes |
| 15 | MO app | MO is logged in | 1. MO selects “Check Vehicle” 2. MO enters valid vehicle number, invalid parking space ID, date and time | App shows “parking space ID is invalid” message | Yes |
| 16 | MO app | MO is logged in  There was no parking event in the queried time | 1. MO selects “Check Vehicle” 2. MO enters vehicle number, parking space ID, date and time 3. System checks if vehicle number and parking space id are valid | App shows “Parking Not Ok” message | Yes |
| 17 | MO app | MO is logged in | 1. MO selects “Check Vehicle” 2. MO enters vehicle number, parking space ID, date and time 3. System checks if vehicle number and parking space id are valid 4. System checks if parking event where Start Time and Stop Time cover queried time and date | System stops the current parking event with time being Start Time plus max time | Yes |
| 18 | MO app | MO is logged in.  Parking space ID is valid | 1. MO enters valid parking space ID 2. MO selects “Parking Space Usage Report” 3. System check that parking space ID is valid 4. System finds all parking events for given space | App displays list of times that the space was parked in | Yes |
| 19 | MO app | MO is logged in  Parking space ID is invalid | 1. MO enters invalid parking space ID 2. MO selects “Parking Space Usage Report” 3. System check that parking space ID is valid | App shows “Parking Space ID is invalid” | Yes |