UI Tests:

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| # | Artifact Tested | Pre-Conditions | Test Steps | Expected Results | Passed? |
| 1 | PEO app UI | There is no active parking event for specific vehicle | Click on “Check Vehicle” button | App shows “Parking Not Ok” message | Yes |
| 2 | PEO app UI | There is active parking event for specific vehicle | Click on “Check Vehicle” button | App show “Parking Ok” message | Yes |
| 3 | PEO app UI | Vehicle number field and Parking Space ID field are empty | Click on “Check Vehicle” button | App shows “Please enter both vehicle number and parking space ID” message | Yes |

Integration Tests:

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| 4 | PEO app | There is an ongoing customer parking event | 1. Click on “Check Vehicle” 2. Send a request to the server 3. Server verifies Validity of vehicle number and parking space ID 4. Server verifies that the car has a running event | App receives “Parking Ok” from server | Yes |
| 5 | PEO app | There isn’t an ongoing customer parking event | 1. Click on “Check Vehicle” 2. Send a request to the server 3. Verify Validity of vehicle number and parking space ID   Verify that the car has a running event | App receives “Parking Not Ok” from server | Yes |
| 6 | PEO app | two or more different servers are running  no parking event is running | 1. Choose IP address and port number for a server that is not running 2. Click on “Check Vehicle” | Switch to a server that is currently running  Then App receives “Parking Not Ok” from server | Yes |
| 7 | PEO app | two or more different servers are running  a parking event is running | 1. Choose IP address and port number for a server that is not running 2. Click on “Check Vehicle” | Switch to a server that is currently running  Then App receives “Parking Ok” from server | Yes |

Acceptance Tests:

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| 8 | PEO app | Vehicle number and parking space ID are valid.  There is an ongoing parking event for vehicle with given vehicle number | 1. PEO selects “Check Vehicle” 2. PEO enters vehicle number and parking space ID 3. System checks if there is parking event for given vehicle 4. System check if parking event did not pass max time | Systems records query info in the system log and app shows “Parking Ok” | Yes |
| 9 | PEO app | Vehicle number is invalid | 1. PEO selects “Check Vehicle” 2. PEO enters vehicle number and parking space ID | App shows “vehicle number is invalid” message | Yes |
| 10 | PEO app | Parking space ID is invalid | 1. PEO selects “Check Vehicle” 2. PEO enters vehicle number and parking space ID | App shows “parking space ID is invalid” message | Yes |
| 11 | PEO app | Vehicle number and parking space ID are valid.  There is no active parking event for vehicle with given | 1. PEO selects “Check Vehicle” 2. PEO enters vehicle number and parking space ID 3. System checks if there is parking event for given vehicle | App shows “Parking Not Ok” message | Yes |
| 12 | PEO app | Vehicle number and parking space ID are valid.  There is an ongoing parking event for vehicle with given | 1. PEO selects “Check Vehicle” 2. PEO enters vehicle number and parking space ID 3. System checks if there is parking event for given vehicle 4. System check if parking event did not pass max time | System stops the current parking event with time being Start Time plus max time | Yes |