Car Server Core Subsystem

*PC API Manager* integration test

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| Test Case ID | I1T1 |
| Test Item | PC API Manager -> Payment Manager |
| Input Specification | Simulate PC API Manager component typical input coming from External Payment Manager, paying attention to cover the exceptional and edge cases related to the PCInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Payment Manager driver must have been already implemented. |

*DBMS API Manager* integration test

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| Test Case ID | I2T1 |
| Test Item | DBMS API Manager -> Payment Manager |
| Input Specification | Simulate DBMS API Manager component typical input coming from External Payment Manager, paying attention to cover the exceptional and edge cases related to the DBInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Payment Manager driver must have been already implemented. |

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| Test Case ID | I2T2 |
| Test Item | DBMS API Manager -> Cars Availability Manager |
| Input Specification | Simulate DBMS API Manager component typical input coming from Cars Availability Manager, paying attention to cover the exceptional and edge cases related to the DBInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Cars Availability Manager driver must have been already implemented. |

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| Test Case ID | I2T3 |
| Test Item | DBMS API Manager -> Invoices Manager |
| Input Specification | Simulate DBMS API Manager component typical input coming from Invoices Manager, paying attention to cover the exceptional and edge cases related to the DBInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Invoices Manager driver must have been already implemented. |

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| Test Case ID | I2T4 |
| Test Item | DBMS API Manager -> Car Manager |
| Input Specification | Simulate DBMS API Manager component typical input coming from Car Manager, paying attention to cover the exceptional and edge cases related to the DBInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Car Manager driver must have been already implemented. |

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| Test Case ID | I2T5 |
| Test Item | DBMS API Manager -> Reservation Manager |
| Input Specification | Simulate DBMS API Manager component typical input coming from Reservation Manager, paying attention to cover the exceptional and edge cases related to the DBInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Reservation Manager driver must have been already implemented. |

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| Test Case ID | I2T6 |
| Test Item | DBMS API Manager -> Money Saving Option Manager |
| Input Specification | Simulate DBMS API Manager component typical input coming from Money Saving Option Manager, paying attention to cover the exceptional and edge cases related to the DBInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Money Saving Option Manager driver must have been already implemented. |

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| Test Case ID | I2T7 |
| Test Item | DBMS API Manager -> Cars Redistribution Manager |
| Input Specification | Simulate DBMS API Manager component typical input coming from Cars Redistribution Manager, paying attention to cover the exceptional and edge cases related to the DBInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Cars Redistribution Manager driver must have been already implemented. |

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| Test Case ID | I2T8 |
| Test Item | DBMS API Manager -> Minor Issue Report Manager |
| Input Specification | Simulate DBMS API Manager component typical input coming from Minor Issue Report Manager, paying attention to cover the exceptional and edge cases related to the DBInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Minor Issue Report Manager driver must have been already implemented. |

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| Test Case ID | I2T9 |
| Test Item | DBMS API Manager -> Navigation & Maps Manager |
| Input Specification | Simulate DBMS API Manager component typical input coming from Navigation & Maps Manager, paying attention to cover the exceptional and edge cases related to the DBInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Navigation & Maps Manager driver must have been already implemented. |

*N&M API Manager* integration test

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| Test Case ID | I3T1 |
| Test Item | N&M API Manager -> Navigation & Maps Manager |
| Input Specification | Simulate N&M API Manager component typical input coming from Navigation & Maps Manager, paying attention to cover the exceptional and edge cases related to the N&MInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Navigation & Maps Manager driver must have been already implemented. |

*Timer Module* integration test

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| Test Case ID | I4T1 |
| Test Item | Timer Module -> Car Manager |
| Input Specification | Simulate Timer Module component typical input coming from Car Manager, paying attention to cover the exceptional and edge cases related to the TimerInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Car Manager driver must have been already implemented. |

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| Test Case ID | I4T2 |
| Test Item | Timer Module -> Reservation Manager |
| Input Specification | Simulate Timer Module component typical input coming from Reservation Manager, paying attention to cover the exceptional and edge cases related to the TimerInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Reservation Manager driver must have been already implemented. |

*Payment Manager* integration test

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| Test Case ID | I5T1 |
| Test Item | Payment Manager -> Invoices Manager |
| Input Specification | Simulate Payment Manager component typical input coming from Invoices Manager, paying attention to cover the exceptional and edge cases related to the PaymentInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Invoices Manager driver must have been already implemented and I1T1, I2T1 must have already been performed. |

*Navigation & Maps Manager* integration test

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| Test Case ID | I6T1 |
| Test Item | Navigation & Maps Manager -> Car Manager |
| Input Specification | Simulate Navigation & Maps Manager component typical input coming from Car Manager, paying attention to cover the exceptional and edge cases related to the MapsInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Car Manager driver must have been already implemented and I3T1 must have already been performed. |

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| Test Case ID | I6T2 |
| Test Item | Navigation & Maps Manager -> Look for a Destination Manager |
| Input Specification | Simulate Navigation & Maps Manager component typical input coming from Look for a Destination Manager, paying attention to cover the exceptional and edge cases related to the MapsInt and NavigationInt interfaces. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Look for a Destination Manager driver must have been already implemented and I3T1 must have already been performed. |

*Reservation Manager – client side* integration test

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| Test Case ID | I7T1 |
| Test Item | Reservation Manager – client side -> Cars Availability Manager |
| Input Specification | Simulate Reservation Manager – client side component typical input coming from Cars Availability Manager, paying attention to cover the exceptional and edge cases related to the ReservationInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Cars Availability Manager driver must have been already implemented and I2T5, I4T2 must have already been performed. |

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| Test Case ID | I7T2 |
| Test Item | Reservation Manager – client side -> Car Manager |
| Input Specification | Simulate Reservation Manager – client side component typical input coming from Car Manager, paying attention to cover the exceptional and edge cases related to the ReservationInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Car Manager driver must have been already implemented and I2T5, I4T2 must have already been performed. |

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| Test Case ID | I7T3 |
| Test Item | Reservation Manager – client side -> Car |
| Input Specification | Simulate Reservation Manager – client side component typical input coming from Car, paying attention to cover the exceptional and edge cases related to the CarRequestsInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Car driver must have been already implemented and I2T5, I4T2 must have already been performed. |

*Cars Availability Manager* integration test

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| Test Case ID | I8T1 |
| Test Item | Cars Availability Manager -> Car Manager |
| Input Specification | Simulate Cars Availability Manager component typical input coming from Car Manager, paying attention to cover the exceptional and edge cases related to the AvailabilityInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Car Manager driver must have been already implemented and I2T2, I7T1 must have already been performed. |

*Invoices Manager* integration test

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| Test Case ID | I9T1 |
| Test Item | Invoices Manager -> Reservation Manager – server side |
| Input Specification | Simulate Invoices Manager component typical input coming from Reservation Manager – server side, paying attention to cover the exceptional and edge cases related to the InvoicesInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Reservation Manager – server side driver must have been already implemented and I2T3, I5T1 must have already been performed. |

*Car Manager* integration test

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| Test Case ID | I10T1 |
| Test Item | Car Manager -> Reservation Manager – server side |
| Input Specification | Simulate Car Manager component typical input coming from Reservation Manager – server side, paying attention to cover the exceptional and edge cases related to the CarInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Reservation Manager – server side driver must have been already implemented and I2T4, I4T1, I6T1, I8T1 must have already been performed. |

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| Test Case ID | I10T2 |
| Test Item | Car Manager -> Car |
| Input Specification | Simulate Car Manager component typical input coming from Car, paying attention to cover the exceptional and edge cases related to the CarRequestsInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Car driver must have been already implemented and I2T4, I4T1, I6T1, I8T1 must have already been performed. |

*Reservation Manager – server side* integration test

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| Test Case ID | I11T1 |
| Test Item | Car -> Reservation Manager – server side |
| Input Specification | Simulate Car component typical input coming from Reservation Manager – server side, paying attention to cover the exceptional and edge cases related to the CarCommandsInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Reservation Manager – server side driver must have been already implemented and I2T5, I4T2, I9T1, I10T1 must have already been performed. |

*Look for a Destination Manager* integration test

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| Test Case ID | I12T1 |
| Test Item | Look for a Destination Manager -> Requests Manager |
| Input Specification | Simulate Look for a Destination Manager component typical input coming from Requests Manager, paying attention to cover the exceptional and edge cases related to the NavigateInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Requests Manager driver must have been already implemented and I6T2 must have already been performed. |

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| Test Case ID | I12T2 |
| Test Item | Look for a Destination Manager -> Money Saving Option Manager |
| Input Specification | Simulate Look for a Destination Manager component typical input coming from Money Saving Option Manager, paying attention to cover the exceptional and edge cases related to the NavigateInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Money Saving Option Manager driver must have been already implemented and I6T2 must have already been performed. |

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| Test Case ID | I12T3 |
| Test Item | Car -> Look for a Destination Manager |
| Input Specification | Simulate Car component typical input coming from Car, paying attention to cover the exceptional and edge cases related to the CarCommandsInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Look for a Destination Manager driver must have been already implemented. |

*Cars Redistribution Manager* integration test

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| Test Case ID | I13T1 |
| Test Item | Cars Redistribution Manager -> Money Saving Option Manager |
| Input Specification | Simulate Cars Redistribution Manager component typical input coming from Money Saving Option Manager, paying attention to cover the exceptional and edge cases related to the RedistributionInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Money Saving Option Manager driver must have been already implemented and I2T7 must have already been performed. |

*Money Saving Option Manager* integration test

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| Test Case ID | I14T1 |
| Test Item | Money Saving Option Manager -> Requests Manager |
| Input Specification | Simulate Money Saving Option Manager component typical input coming from Requests Manager, paying attention to cover the exceptional and edge cases related to the MoneySaveInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Requests Manager driver must have been already implemented and I2T6 must have already been performed. |

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| Test Case ID | I14T2 |
| Test Item | Special Parking Area -> Money Saving Option Manager |
| Input Specification | Simulate Special Parking Area component typical input coming from Money Saving Option Manager, paying attention to cover the exceptional and edge cases related to the FreeSlotsInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Money Saving Option Manager driver must have been already implemented. |

*Minor Issue Report Manager* integration test

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| Test Case ID | I15T1 |
| Test Item | Minor Issue Report Manager -> Requests Manager |
| Input Specification | Simulate Minor Issue Report Manager component typical input coming from Requests Manager, paying attention to cover the exceptional and edge cases related to the MinorReportInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Requests Manager driver must have been already implemented and I2T8 must have already been performed. |

*By-Pass Manager* integration test

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| Test Case ID | I16T1 |
| Test Item | By-Pass Manager -> Requests Manager |
| Input Specification | Simulate By-Pass Manager component typical input coming from Requests Manager, paying attention to cover the exceptional and edge cases related to the ByPassInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Requests Manager driver must have been already implemented. |

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| Test Case ID | I16T2 |
| Test Item | Car -> By-Pass Manager |
| Input Specification | Simulate Car component typical input coming from By-Pass Manager, paying attention to cover the exceptional and edge cases related to the CarCommandsInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The By-Pass Manager driver must have been already implemented. |

*Requests Manager* integration test

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| Test Case ID | I17T1 |
| Test Item | Requests Manager -> Car |
| Input Specification | Simulate Requests Manager component typical input coming from Car, paying attention to cover the exceptional and edge cases related to the CarRequestsInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Car driver must have been already implemented and I2T8 must have already been performed and I12T1, I14T1, I15T1, I16T1 must have already been performed. |