Operator Server Core Subsystem

*DBMS API Manager* integration test

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| Test Case ID | I2T1 |
| 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 | I2T2 |
| 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 | I2T3 |
| 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 | I2T4 |
| 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 | I2T5 |
| Test Item | DBMS API Manager -> Minor Issues Manager |
| Input Specification | Simulate DBMS API Manager component typical input coming from Minor Issue 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 Manager driver must have been already implemented. |

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| Test Case ID | I2T6 |
| Test Item | DBMS API Manager -> Notification Dispatcher |
| Input Specification | Simulate DBMS API Manager component typical input coming from Notification Dispatcher, 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 Notification Dispatcher driver must have been already implemented. |

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| Test Case ID | I2T7 |
| Test Item | DBMS API Manager -> Log in Module |
| Input Specification | Simulate DBMS API Manager component typical input coming from Log in Module, 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 Log in Module driver must have been already implemented. |

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| Test Case ID | I2T8 |
| Test Item | DBMS API Manager -> Ride Report Manager |
| Input Specification | Simulate DBMS API Manager component typical input coming from Ride 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 Ride Report Manager driver must have been already implemented. |

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| Test Case ID | I2T9 |
| Test Item | DBMS API Manager -> Paperworks Manager |
| Input Specification | Simulate DBMS API Manager component typical input coming from Paperworks 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 Paperworks Manager driver must have been already implemented. |

*E-Mail API Manager* integration test

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| Test Case ID | I3T1 |
| Test Item | E-Mail API Manager -> Ride Report Manager |
| Input Specification | Simulate E-Mail API Manager component typical input coming from Ride Report Manager, paying attention to cover the exceptional and edge cases related to the E-MailInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Ride Report 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. |

*Cars Redistribution Manager* integration test

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| Test Case ID | I5T1 |
| Test Item | Cars Redistribution Manager -> Notifications Dispatcher |
| Input Specification | Simulate Cars Redistribution Manager component typical input coming from Notifications Dispatcher, 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 Notifications Dispatcher driver must have been already implemented and I2T4 must have already been performed. |

*Notifications Dispatcher* integration test

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| Test Case ID | I6T1 |
| Test Item | Notifications Dispatcher -> Car Manager |
| Input Specification | Simulate Notifications Dispatcher component typical input coming from Car 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 Car Manager driver must have been already implemented and I2T6 must have already been performed. |

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| Test Case ID | I6T2 |
| Test Item | Operator Application -> Notifications Dispatcher |
| Input Specification | Simulate Operator Application component typical input coming from Notifications Dispatcher, paying attention to cover the exceptional and edge cases related to the NotificationInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Notifications Dispatcher driver must have been already implemented. |

*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 I2T3, 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 I2T3, 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 I2T3, I4T2 must have already been performed. |

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| Test Case ID | I7T4 |
| Test Item | Reservation Manager – client side -> Operator Manager |
| Input Specification | Simulate Reservation Manager – client side component typical input coming from Operator 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 Operator Manager driver must have been already implemented and I2T3, 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. |

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| Test Case ID | I8T2 |
| Test Item | Cars Availability Manager -> Operator Manager |
| Input Specification | Simulate Cars Availability Manager component typical input coming from Operator 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 Operator Manager driver must have been already implemented and I2T2, I7T1 must have already been performed. |

*Log in Module* integration test

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| Test Case ID | I9T1 |
| Test Item | Log in Module -> Reservation Manager – server side |
| Input Specification | Simulate Log in Module component typical input coming from Reservation Manager – server side, paying attention to cover the exceptional and edge cases related to the LogInInt 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 I2T7 must have already been performed. |

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| Test Case ID | I9T2 |
| Test Item | Log in Module -> Operator Manager |
| Input Specification | Simulate Log in Module component typical input coming from Operator Manager, paying attention to cover the exceptional and edge cases related to the LogInInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Operator Manager driver must have been already implemented and I2T7 must have already been performed. |

*Paperworks Manager* integration test

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| Test Case ID | I10T1 |
| Test Item | Paperworks Manager -> Operator Manager |
| Input Specification | Simulate Paperworks Manager component typical input coming from Operator Manager, paying attention to cover the exceptional and edge cases related to the InfoInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Operator Manager driver must have been already implemented and I2T9 must have already been performed. |

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| Test Case ID | I10T2 |
| Test Item | Paperworks Manager -> Minor Issues Manager |
| Input Specification | Simulate Paperworks Manager component typical input coming from Minor Issue Manager, paying attention to cover the exceptional and edge cases related to the InfoInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Minor Issue Manager driver must have been already implemented and I2T9 must have already been performed. |

*Car Manager* integration test

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| Test Case ID | I11T1 |
| 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 I2T2, I4T1, I6T1, I7T1, I8T1 must have already been performed. |

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| Test Case ID | I11T2 |
| 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 I2T2, I4T1, I6T1, I7T1, I8T1 must have already been performed. |

*Reservation Manager – server side* integration test

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| Test Case ID | I12T1 |
| 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. |

*Ride Report Manager* integration test

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| Test Case ID | I13T1 |
| Test Item | Ride Report Manager -> Operator Manager |
| Input Specification | Simulate Ride Report Manager component typical input coming from Operator Manager, paying attention to cover the exceptional and edge cases related to the ReportInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Operator Manager driver must have been already implemented and I2T8, I3T1 must have already been performed. |

*Minor Issues Manager* integration test

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| Test Case ID | I14T1 |
| Test Item | Minor Issues Manager -> Operator Manager |
| Input Specification | Simulate Minor Issues Manager component typical input coming from Operator Manager, paying attention to cover the exceptional and edge cases related to the MinorIssuesInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Operator Manager driver must have been already implemented and I2T5, I10T2 must have already been performed. |

*Operator Manager* integration test

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| Test Case ID | I14T1 |
| Test Item | Operator Manager -> Operator Application |
| Input Specification | Simulate Operator Manager component typical input coming from Operator Application, paying attention to cover the exceptional and edge cases related to the OperationsInt interface. |
| Output Specification | Check if the correct methods are invoked, along with the correct parameter types and values. |
| Environmental needs | The Operator Application driver must have been already implemented and I7T4, I8T2, I9T2, I10T1, I13T1, I14T1 must have already been performed. |