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| --- | --- | --- | --- | --- |
| Test Cases | Test Data | Expected Result | Test Result | Pass/Fail |
| TC01 – Total passengers boundary | 0 adults, 0 children, 0 infants | false | false | Pass |
| TC02 – Child in emergency row | 1 adult, 1 child, emergencyRowSeating=true, seatingClass="economy" | false | false | Pass |
| TC03 – Infant in business class | 1 adult, 1 infant, emergencyRowSeating=false, seatingClass="business" | false | false | Pass |
| TC04 – Too many children per adult | 1 adult, 3 children | false | false | Pass |
| TC05 – Too many infants per adult | 1 adult, 2 infants | false | false | Pass |
| TC06 – Departure date in the past | departureDate="01/01/2020" | false | false | Pass |
| TC07 – Invalid date format | departureDate="2025-10-20" | false | false | Pass |
| TC08 – Return date before departure | departureDate="23/11/2025", returnDate="22/11/2025" | false | false | Pass |
| TC09 – Invalid seating class | seatingClass="luxury" | false | false | Pass |
| TC10 – Emergency row in first class | emergencyRowSeating=true, seatingClass="first" | false | false | Pass |
| TC11 – Invalid airport code | departureAirportCode="xyz", destinationAirportCode="mel" | false | false | Pass |
| TC12 – All valid inputs (4 variations) | A. 2 adults, 2 children, 2 infants, economy, non-emergency, valid dates  B. 1 adult, 1 child, economy, emergencyRow=false  C. 3 adults, 0 children, 0 infants, business class  D. 1 adult, 1 infant, premium economy, valid dates | true | true | Pass |