

User Stories and Acceptance Criteria

User Story	Focus	Acceptance Criteria
1.Passenger Search Initiation	C1 (Total Passenger Count)	AC 1.1: The website must restrict the total number of passengers to a minimum of 1 and a maximum of 9. AC 1.2: The search button must be disabled if the total passenger count is zero or exceeds 9. AC 1.3: The website must allow a search to proceed if the total number of passengers is exactly 9.
2. Caregiver and Dependent Ratios	C4 and C5 (Child/Infant Ratios)	AC 2.1: The website must not allow the number of infants to exceed the number of adult passengers (Max 1 infant per 1 adult). AC 2.2: The website must not allow the number of children to exceed two times the number of adult passengers (Max 2 children per 1 adult). AC 2.3: The website must allow a maximum party of 9 passengers (3 Adults, 6 Children, 0 Infants).
3. Flight Date Validation	C6, C7, C8 (Date Requirements)	AC 3.1: The website must only accept dates strictly formatted as DD/MM/YYYY and must validate the date's existence. AC 3.2: The website must reject any selected departure date that occurs before the current day. AC 3.3: The website must reject any selected return date that occurs before the corresponding departure date.
4. Seat Class and Restriction Management	C2, C3, C10 (Seating Restrictions)	AC 4.1: If EmergencyRow is selected, the website must enforce that the seating class is economy. AC 4.2: If the booking includes children, the website must disable the selection of EmergencyRow and First class. AC 4.3: If the booking includes infants, the website must disable the selection of EmergencyRow and Business class.
5. Route and Class Selection	C9, C11 (Airport and Class Validity)	AC 5.1: The website must validate that both the departure and destination airport codes are among the 7 approved codes. AC 5.2: The website must prevent the user from proceeding if the departure and destination airport codes are the same. AC 5.3: The website must only allow the selection of the four approved seating classes: economy, premium economy, business or first.