**Software Test Report (STR) :**

**Objective :**

The purpose of this report is to summarize the results of the testing conducted on the website functionality. This report provides insights into the test cases executed, their results, and any defects encountered.

**Test Summary :**

| ***Test Case Type*** | ***NUMBER Of Test Cases*** | ***Passed*** | ***Failed*** | ***Skipped*** |
| --- | --- | --- | --- | --- |
| Positive Test Cases | 148 | 115 | 4 | 28 |
| Negative Test Cases | 35 | 27 | 8 | 0 |
| Edge/Boundary Test Cases | 0 | 0 | 0 | 0 |
| Total | 178 | 142 | 12 | 28 |

### **Success and Failure Rate :**

| ***Metric*** | ***Value*** | ***Remarks*** |
| --- | --- | --- |
| Total Test Cases | 178 | Total number of test cases executed |
| Successful Test Cases | 142 | Majority of test cases passed successfully |
| Failed Test Cases | 12 | A few test cases encountered issues that need investigation |
| Success Rate (%) | 79.77% | Indicates a moderate overall success rate, suggesting that significant improvements are needed |
| Failure Rate (%) | 6.74% | A moderate number of test cases failed, highlighting areas for improvement and bug resolution |

### Test Case Execution Details - Login section:

| ***Test Case ID*** | ***Description*** | ***Type*** | ***Status*** | ***Actual Results*** |
| --- | --- | --- | --- | --- |
| TC\_01 | Login with valid credentials | Positive | Passed | User successfully logged in and was redirected to the Home page. |
| TC\_02 | Login with invalid email format | Negative | Passed | Error message displayed: "**Invalid Username or Password**". User was redirected to the register page. |
| TC\_03 | Login with social media account | Positive | Passed | Users logged in successfully via social media authentication. |
| TC\_04 | Multi-factor authentication (OTP) login | Positive | Passed | User received an OTP code by email and successfully logged in after entering the valid OTP. |
| TC\_05 | Login attempt after multiple failed attempts | Negative | Passed | Error message displayed: "**Too many failed attempts. Try again later.**" (User was blocked from logging in.) |

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### Test Case Execution Details - Register section:

| ***Test Case ID*** | ***Description*** | ***Type*** | ***Status*** | ***Actual Result*** |
| --- | --- | --- | --- | --- |
| TC\_01 | Register with valid details | Positive | Pass | User registered successfully |
| TC\_02 | Register with existing email | Negative | Pass | User redirected to sign-in page and signed into their account |
| TC\_03 | Register with invalid email format | Negative | Pass | Error message: “Please check if the email address you've entered is correct.” |
| TC\_04 | Register with empty fields | Negative | Pass | Error message displayed |
| TC\_05 | Register with social media account | Positive | Pass | Registered with social media successfully |
| TC\_06 | Register with a blocked email domain | Negative | Fail | User registered using fake/temp mail |

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### Test Case Execution Details - Header section:

| ***Test Case ID*** | ***Description*** | ***Type*** | ***Status*** | ***Actual Result*** |
| --- | --- | --- | --- | --- |
| TC\_01 | Click on the logo | Positive | Pass | User redirected to the homepage |
| TC\_02 | Click on "Stays" in the navigation menu | Positive | Pass | User redirected to the Stays page |
| TC\_03 | Click on "Flights" in the navigation menu | Positive | Fail | User redirected to the Stays page (incorrect redirection) |
| TC\_04 | Click on "Car Rental" in the navigation menu | Positive | Pass | User redirected to the Car Rental page |
| TC\_05 | Click on "Attractions" in the navigation menu | Positive | Pass | User redirected to the Attractions page |
| TC\_06 | Click on "Airport Taxis" in the navigation menu | Positive | Pass | User redirected to the Airport Taxis page |
| TC\_07 | Select Language | Positive | Pass | Language changes successfully |
| TC\_08 | Select Currency | Positive | Pass | Currency updates successfully |
| TC\_09 | Click on "Contact Customer Service" | Positive | Pass | User redirected to the Customer Service page |
| TC\_10 | Click on "List Your Property" | Positive | Pass | User redirected to the property listing page |
| TC\_11 | Click on "My Account" | Positive | Pass | User redirected to the account settings page |
| TC\_12 | Click on "Bookings & Trips" | Positive | Pass | User redirected to booking history |
| TC\_13 | Click on "Genius Loyalty Programme" | Positive | Pass | User redirected to the Genius page |
| TC\_14 | Click on "Rewards and Wallet" | Positive | Pass | User redirected to the Rewards page |
| TC\_15 | Click on "Reviews" | Positive | Pass | User redirected to user reviews |
| TC\_16 | Click on "Saved" | Positive | Pass | User redirected to saved bookings |
| TC\_17 | Click on "Sign Out" | Positive | Pass | User logged out successfully |

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### Test Case Execution Details - Stays section:

| ***Test Case ID*** | ***Description*** | ***Type*** | ***Status*** | ***Actual Result*** |
| --- | --- | --- | --- | --- |
| TC\_001 | Enter destination/hotel name/city/country | Positive | Pass | Relevant search results appear |
| TC\_002 | Enter invalid destination/hotel name/city/country | Negative | Fail | Non-relevant properties found |
| TC\_003 | Enter numeric characters in the destination field | Negative | Fail | Non-relevant properties found |
| TC\_004 | Enter special characters in the destination field | Negative | Fail | Non-relevant properties found |
| TC\_005 | Enter more than 1000 characters in the destination field | Negative | Fail | Website crashed (Error 494) |
| TC\_006 | Enter Check-in & Check-out date | Positive | Pass | Date selected successfully |
| TC\_007 | Enter invalid Check-in & Check-out date | Negative | Pass | Past dates can’t be selected |
| TC\_008 | Select past dates for check-in | Negative | Pass | Past dates can’t be selected |
| TC\_009 | Enter number of adults | Positive | Pass | Selected number of adults updated |
| TC\_010 | Enter negative number of adults | Negative | Pass | User can’t select numbers below 1 |
| TC\_011 | Enter excessively high number of adults | Negative | Pass | User can select up to 30 adults |
| TC\_012 | Enter first name on checkout page | Positive | Pass | Name accepted |
| TC\_013 | Enter number of rooms | Positive | Pass | Selected number of rooms updated |
| TC\_014 | Enter zero or negative number of rooms | Negative | Pass | User can’t select rooms below 1 |
| TC\_015 | Enter excessively high number of rooms | Negative | Pass | User can select up to 30 rooms |
| TC\_016 | Select traveling with pets | Positive | Pass | Option selected |
| TC\_017 | Deselect traveling with pets | Positive | Pass | Option deselected |
| TC\_018 | Click on Search button | Positive | Pass | Search button works |
| TC\_019 | Click on Search button without filling required fields | Negative | Pass | Error message appears |
| TC\_020 | Click ‘Save 15% or more’ | Positive | Pass | Offers displayed |
| TC\_021 | Click on ‘Select Destination’ | Positive | Pass | Selected destination page displayed |
| TC\_022 | Click on ‘Select property type’ | Positive | Pass | Relevant properties displayed |
| TC\_023 | Click on ‘See all attractions’ button | Positive | Pass | All attractions displayed |
| TC\_024 | Click on ‘Select attraction’ | Positive | Pass | Selected attraction details displayed |
| TC\_025 | Verify top hotels display best deals | Positive | Pass | Top hotels show "Best Deal" badges |
| TC\_026 | Verify no deals are shown when unavailable | Positive | Pass | Only available deals shown |
| TC\_027 | Edit search with valid parameters | Positive | Pass | Results updated with new dates |
| TC\_028 | Edit search with invalid dates | Negative | Pass | User can’t select past dates |
| TC\_029 | Switch to grid view | Positive | Pass | Results displayed in grid layout |
| TC\_030 | Switch view with no results | Positive | Pass | No hotels found |
| TC\_031 | Sort results by price (low to high) | Positive | Pass | Results sorted by price (low to high) |
| TC\_032 | Sort results with invalid parameter | Negative | Pass | User can’t select invalid option |
| TC\_033 | Choose a valid hotel | Positive | Pass | Hotel details page displayed |
| TC\_034 | Choose a sold-out hotel | Positive | Pass | Only available hotels appear |
| TC\_035 | Filter hotels within budget range | Positive | Pass | All hotels priced  100–  100–200/night |
| TC\_036 | Filter with invalid budget range | Negative | Pass | User can’t select invalid range |
| TC\_037 | Filter hotels within total stay budget | Positive | Pass | Hotels with total price ≤$500 shown |
| TC\_038 | Filter with budget lower than any stay | Positive | Pass | There is a limit for the lower budget |
| TC\_039 | Filter hotels with "Free Cancellation" | Positive | Pass | Only hotels with free cancellation shown |
| TC\_040 | Filter hotels with "5 Stars" | Positive | Pass | Only 5-star hotels shown |
| TC\_041 | Filter hotels with "Breakfast Included" | Positive | Pass | Only hotels with breakfast included shown |
| TC\_042 | Filter hotels with "Swimming Pool" facility | Positive | Pass | Only hotels with swimming pools shown |
| TC\_043 | Filter hotels by "Apartment" property type | Positive | Pass | Only apartments shown |
| TC\_044 | Filter hotels with review score ≥8 | Positive | Pass | Only hotels with a review score ≥8 shown |
| TC\_045 | Filter hotels with "Air Conditioning" room facility | Positive | Pass | Only hotels with air conditioning shown |
| TC\_046 | Filter hotels with "King Bed" preference | Positive | Pass | Only hotels with king beds shown |
| TC\_047 | Filter hotels with "4 Stars" property rating | Positive | Pass | Only 4-star hotels shown |
| TC\_048 | Filter hotels within 2 km of city center | Positive | Pass | Only hotels within 2 km shown |
| TC\_049 | Filter hotels with "Free Reservation" policy | Positive | Pass | Only hotels with free reservation shown |
| TC\_050 | Filter hotels with "Online Payment" option | Positive | Pass | Only hotels with online payment shown |
| TC\_051 | Filter hotels with "Fun Activities" nearby | Positive | Pass | Only hotels with fun activities shown |
| TC\_052 | Filter hotels with 2 bedrooms and 2 bathrooms | Positive | Pass | Only hotels with 2 bedrooms and 2 bathrooms shown |
| TC\_053 | Filter hotels with "Wheelchair Accessible" property | Positive | Pass | Only wheelchair-accessible hotels shown |
| TC\_054 | Valid First Name Field Input | Positive | Pass | Field accepts input |
| TC\_055 | Invalid First Name Field Input | Negative | Pass | Error message appears |
| TC\_056 | Valid Last Name Field Validation | Positive | Pass | Field accepts input |
| TC\_057 | Invalid Last Name Field Validation (Negative) | Negative | Pass | Error message appears |
| TC\_058 | Email Address Field Validation | Positive | Pass | Field accepts email |
| TC\_059 | Email Address Field Validation | Negative | Pass | Error message appears |
| TC\_060 | Country Field Validation | Positive | Pass | Country field displays selected country |
| TC\_061 | Phone Number Field Validation | Positive | Pass | Field accepts phone number |
| TC\_062 | Phone Number Field Validation | Negative | Pass | Error message appears |
| TC\_063 | Full Guest Name Field Validation | Positive | Pass | Field accepts input |
| TC\_064 | Full Guest Name Field Validation | Negative | Fail | Full guest name can enter invalid input |
| TC\_065 | Cardholder's Name Field Validation | Positive | Pass | Field accepts input |
| TC\_066 | Cardholder's Name Field Validation | Negative | Pass | Error message appears |
| TC\_067 | Card Number Field Validation | Positive | Pass | Field accepts card number |
| TC\_068 | Card Number Field Validation | Negative | Pass | Error message appears |

### Test Case Execution Details Airport taxis section

| ***Test Case ID*** | ***Description*** | ***Type*** | ***Status*** | ***Actual Results*** |
| --- | --- | --- | --- | --- |
| TC\_01 | Enter Pick-up Location (e.g., “JFK Airport”) | Positive | Passed | Pick-up location field accepted “JFK Airport” as expected. |
| TC\_02 | Enter Drop-off Location (e.g., “Marriott Hotel, NYC”) | Positive | Passed | Drop-off location field accepted “Marriott Hotel, NYC” as expected. |
| TC\_03 | Select Pick-up Date (e.g., 2025-03-15) | Positive | Passed | Pick-up date field updated with “2025-03-15” as expected. |
| TC\_04 | Select Pick-up Time (e.g., 10:30 AM) | Positive | Passed | Pick-up time field updated with “10:30 AM” as expected. |
| TC\_05 | Select Number of Passengers (e.g., 2 Adults) | Positive | Passed | Passenger count updated to “2 Adults” as expected. |
| TC\_06 | Select Vehicle Type (“Luxury Taxi”) | Positive | Passed | Vehicle type field updated with “Luxury Taxi” as expected. |
| TC\_07 | Request a child car seat | Positive | Passed | Child seats updated as expected (Baby seat = 2, Child seat = 0, Booster seat = 0). |
| TC\_08 | Request a child car seat (e.g., Baby seat = 2, Child seat = 2, Booster seat = 2) | Negative | Failed | Despite Too Much Seats selected, user could still proceed to checkout (with normal taxi - seats = 4). (Expected block did not occur.) |
| TC\_09 | Press Search (all details entered) | Positive | Passed | Proceeded to checkout as expected. |
| TC\_10 | Browse Airport Transfer Deals | Positive | Passed | List of transfer deals appeared as expected. |
| TC\_11 | Edit Search Criteria | Positive | Passed | Search criteria (location, vehicle type, etc.) could be modified as expected. |
| TC\_12 | Sort Taxis by Price | Positive | Failed | “Sort by Price” button was unavailable; user could not sort by price. |
| TC\_13 | Sort Taxis by Passenger Capacity | Positive | Failed | “Sort by Passenger Capacity” button was unavailable; user could not sort by capacity. |
| TC\_14 | Sort Taxis by Vehicle Type | Positive | Passed | Taxis sorted by vehicle type as expected. |
| TC\_15 | Apply Passenger Capacity Filter (e.g., “Minivan 6 Seats”) | Positive | Failed | Filter option did not appear; user could not apply the “Minivan (6 Seats)” filter. |
| TC\_16 | Apply Vehicle Type Filter (e.g., “Luxury Sedan”) | Positive | Passed | Only “Luxury Sedan” taxis appeared as expected. |
| TC\_17 | Check Free Cancellation policy message | Positive | Passed | Cancellation policy message displayed on the right as expected. |
| TC\_18 | View Vehicle Type & Capacity | Positive | Passed | Correct vehicle info (type, capacity) displayed as expected. |
| TC\_19 | View Estimated Travel Time | Positive | Passed | Travel time estimate shown under “Your journey” section as expected. |
| TC\_20 | Click 'i' – info for suitcases | Positive | Passed | Suitcase capacity details appeared as expected. |
| TC\_21 | Check if Car type is described under info button | Negative | Failed | No option available to see what you get for a standard/luxury car; user cannot access detailed info. |
| TC\_22 | View Taxi Checkout | Positive | Passed | Taxi summary/checkout page appeared as expected. |
| TC\_23 | View Taxi Checkout chosen vehicle type | Positive | Passed | Chosen vehicle type was included in the summary as expected. |
| TC\_24 | View Taxi Checkout Price breakdown | Positive | Passed | Correct price breakdown was displayed as expected. |
| TC\_25 | View Taxi journey & time in Checkout | Positive | Passed | “JFK Airport” to “Marriott Hotel, NYC” with date/time shown; no hidden fees displayed, as expected. |

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### Test Case Execution Details Car Rental section:

| ***Test Case ID*** | ***Description*** | ***Type*** | ***Status*** | ***Actual Results*** |
| --- | --- | --- | --- | --- |
| TC\_01 | Type the Pick-up location (valid input) | Positive | Passed | Location input (“Tel Aviv”) was accepted; autocomplete suggestions appeared as expected. |
| TC\_02 | Type the Pick-up location (blank field) | Negative | Passed | Search was blocked; error message **E-011** (“Please Enter a Destination...”) displayed. |
| TC\_03 | Type numeric pick-up location (“12345”) | Negative | Passed | System disallowed numeric-only input or showed “no results found.” |
| TC\_04 | Type special characters as pick-up location (“@#$%^”) | Negative | Passed | System rejected or showed no suggestions for invalid special chars; “no results found.” |
| TC\_05 | Type long pick-up location (1000+ chars) | Negative | Passed | System blocked or truncated long input; “no results found.” |
| TC\_06 | Select Pick-up Date (valid future date) | Positive | Passed | Selected date (e.g., “25 March”) displayed correctly in the pick-up date field. |
| TC\_07 | Select Dates (Negative): pick-up date in the past | Negative | Passed | System blocked or warned for past date; user prompted to select a future date (“Pick up time must be at least 1 hour in the future”). |
| TC\_08 | Select date range properly (pick-up 2025-06-10, drop-off 06-15) | Positive | Passed | Correct date range displayed (June 10–15); day count was correct. |
| TC\_09 | Select Dates (pick-up 25 March, drop-off 28 March) | Positive | Passed | Correct date range (25–28 March) shown; auto-calculated total days as expected. |
| TC\_010 | Select Drop-off Date (valid date after pick-up) | Positive | Passed | Selected drop-off date (e.g., “29 March”) displayed; no errors. |
| TC\_011 | Select Time for Drop-off (“10:00 AM”) | Positive | Passed | Chosen time was recorded; no conflict with pick-up time. |
| TC\_012 | Tick ‘Drop car off at a different location’ | Positive | Passed | Drop-off location field became enabled as expected. |
| TC\_013 | Type Drop-off location (“Jerusalem”) | Positive | Passed | System accepted typed location; no error displayed. |
| TC\_014 | Tick ‘Driver aged 30–65?’ | Positive | Passed | Checkbox selected; age dropdown/spinner became visible. |
| TC\_015 | Select Driver’s Age (“34”) | Positive | Passed | Driver’s age saved; no error messages. |
| TC\_016 | FAQ section | Positive | Passed | FAQ data displayed with no missing content. |
| TC\_017 | Travel more, spend less (check promotions) | Positive | Passed | Promotions or membership offers appeared; no broken links/errors. |
| TC\_018 | Pick a city in Israel (“Tel Aviv”) | Positive | Passed | Rentals for Tel Aviv displayed; no errors triggered. |
| TC\_019 | Pick a region in Israel (“Central District”) | Positive | Passed | Rentals for chosen region displayed; no errors triggered. |
| TC\_020 | Pick a city worldwide (“New York”) | Positive | Passed | Rentals for selected city displayed; no errors triggered. |
| TC\_021 | Pick an airport worldwide (“Ben Gurion Airport”) | Positive | Passed | Rentals near chosen airport displayed; no errors triggered. |
| TC\_022 | Press Search (all mandatory fields filled) | Positive | Passed | System navigated to Car Rental Results page; no errors. |
| TC\_023 | Check top companies to find best deals | Positive | Passed | “Top companies” banner listed best rates; no comparison errors. |
| TC\_024 | Edit Search on results page | Positive | Passed | Changing parameters (e.g., new drop-off date) updated results; no broken navigation. |
| TC\_025 | View Popular car hire brands | Positive | Passed | Brand page or brand-specific results appeared as expected. |
| TC\_026 | Sort by Price | Positive | Passed | Results sorted from cheapest to most expensive as expected. |
| TC\_027 | Choose Car Type (e.g., “SUV”) | Positive | Passed | Only SUVs appeared in the list after filtering. |
| TC\_028 | Filter results (Price per day ≤ $50) | Positive | Passed | Only cars under $50/day displayed; no irrelevant listings. |
| TC\_029 | View Cars (brand, price, specs, info) | Positive | Passed | Car details visible; no issues with “Email quote” or other info. |
| TC\_030 | Show location (rental office map) | Positive | Passed | Map/pop-up displayed the rental office location as expected. |
| TC\_031 | Press ‘View deal’ | Positive | Passed | “Your deal” page loaded with correct car details/price breakdown. |
| TC\_032 | Add extras (additional driver, child seat) | Positive | Passed | Extras reflected in summary; total price updated if necessary. |
| TC\_033 | Car Rental Checkout – Valid | Positive | Passed | Booking successful; confirmation page displayed with booking reference. |
| TC\_034 | Car Rental Checkout – Missing mandatory fields | Negative | Passed | System displayed error (e.g., E-002, E-007) and blocked booking until required fields were filled. |
| TC\_035 | (Acceptance) A user can find & fill the car rental search form | Acceptance | Passed | User easily located the “Car Rental” tab, filled location/dates, clicked Search, and was directed to results. |
| TC\_036 | (Acceptance) A user can specify a different drop-off location | Acceptance | Passed | System displayed correct results for pick-up in Tel Aviv & drop-off in Jerusalem; no extraneous errors. |
| TC\_037 | (Acceptance) A user can intuitively select valid dates | Acceptance | Passed | Past dates disabled; future dates accepted; UI clearly showed available date ranges. |
| TC\_038 | (Acceptance) A user can complete the booking easily | Acceptance | Passed | Booking completed with minimal friction; confirmation ID & email displayed, no unclear steps. |
| TC\_039 | (Acceptance) A user sees a clear message if payment declined | Acceptance | Passed | System displayed “**Payment Declined (E-010)**” on invalid test card; user prompted to retry or use a different method. |

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### Test Case Execution Details Flight section:

**THE TEST CAN'T BE EXECUTED BECAUSE UNLESS YOU ARE USING A VPN, THE FLIGHTS BUTTON OR OPTION DOESN'T WORK AT ALL.**

| **Test Case ID** | **Description** | **Type** | **Status** | **Actual Result** |
| --- | --- | --- | --- | --- |
| TC\_01 | Enter Departure City/Airport | Positive | Skipped | No test executed |
| TC\_02 | Enter Destination City/Airport | Positive | Skipped | No test executed |
| TC\_03 | Select Departure Date | Positive | Skipped | No test executed |
| TC\_04 | Select Return Date (if applicable) | Positive | Skipped | No test executed |
| TC\_05 | Select Number of Passengers | Positive | Skipped | No test executed |
| TC\_06 | Select Cabin Class | Positive | Skipped | No test executed |
| TC\_07 | Press Search | Positive | Skipped | No test executed |
| TC\_08 | View Popular Routes | Positive | Skipped | No test executed |
| TC\_09 | View Top Destinations | Positive | Skipped | No test executed |
| TC\_10 | Click to Explore Deals | Positive | Skipped | No test executed |
| TC\_11 | View Last-Minute Deals | Positive | Skipped | No test executed |
| TC\_12 | Click Learn More About Offers | Positive | Skipped | No test executed |
| TC\_13 | Sort Flights by Price | Positive | Skipped | No test executed |
| TC\_14 | Sort Flights by Duration | Positive | Skipped | No test executed |
| TC\_15 | Sort Flights by Stops | Positive | Skipped | No test executed |
| TC\_16 | Apply Direct Flights Only Filter | Positive | Skipped | No test executed |
| TC\_17 | Apply Price Range Filter | Positive | Skipped | No test executed |
| TC\_18 | Apply Airline Filter | Positive | Skipped | No test executed |
| TC\_19 | Apply Number of Stops Filter | Positive | Skipped | No test executed |
| TC\_20 | Check Top Airlines for Best Deals | Positive | Skipped | No test executed |
| TC\_21 | Edit Search | Positive | Skipped | No test executed |
| TC\_22 | Filter by Departure Time | Positive | Skipped | No test executed |
| TC\_23 | Filter by Return Time | Positive | Skipped | No test executed |
| TC\_24 | Filter by Flight Duration | Positive | Skipped | No test executed |
| TC\_25 | View Flight Details | Positive | Skipped | No test executed |
| TC\_26 | View Seat Availability | Positive | Skipped | No test executed |
| TC\_27 | View Baggage Allowance | Positive | Skipped | No test executed |
| TC\_28 | Click "View Deal" | Positive | Skipped | No test executed |