

# Test Plan for Booking a Flight

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## TEST ITEMS

- Login
- Search and book flights
- Search and book packages
- Register

## APPROACH

If we are going to test entire product then we need to do the bellow approaches:

- Unit Testing
- Integration Testing
- Regression Testing
- Acceptance Testing
- System Testing

## SCENARIOS

- User Login  
Ensure that users can log into the application.
- User Registration  
Ensure that users can signup.

- **Search and Book Flights**

1. Verify that users can search for flights by name, from-to airports or flight code for checking their status and timings.
2. Ensure that flights can be booked within a limited amount of time.
3. Verify that search results have flight details, timings and availability
4. Verify that clicking the search results open complete details for flight.
5. Verify that the user should see realtime flight status of availability of seats.
6. Verify that the user is presented with a graphical view of the airline's sitting arrangement along with seat number and availability status.
7. Verify that users can successfully select single or more than one seat.
8. Verify that the user can not select or is not permitted to select seats that are already booked or not allowed for booking.
9. Verify that after selecting seats, entering passenger details and making payment the selected seats get booked.
10. Verify that on successful booking the ticket should be visible and downloadable.
11. Verify that after successful booking the seat's status is updated to booked.
12. Verify that the user also receives confirmation mail along with tickets on the emailIds provided while filling the details.
13. Verify the maximum limit of seats that a user can book, selecting more seats than permitted results in an error message.
14. Verify that all the different types of payment methods work fine.
15. Verify that the user is presented with additional options like-luggage, extra legroom, foods/beverages, etc and selecting the same results in additional cost with the booking amount.
16. Verify that the user can also cancel the tickets booked by

entering the mandatory details and the amount after deducting the cancellation fee gets refunded back to the user.

17. Verify that after cancellation the seat's status is updated to available.

- **Search and Book Packages**

Above scenarios can be considered for packages also.

- **UI in Different browser**

All the above scenarios must be validated in various browsers and OS.

- **Help related to Booking**

Verify if a user can Contact airlines for any assistance.

Verify if a user can do 'Web Check-in' before the flight

Verify if a user gets a notification in case of a flight delay.

Verify if the Help option is provided.

- 1.
- 2.

3.