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Experiment No: 4**Aim:** Design test cases for Railway Reservation Form.

Sr.No.	Test Case ID	Test Scenario	Test i/p	Expected o/p	Actual o/p	Status
1	TC-01	Check the url working or not for booking tickets.	Go to "https://www.irctc.co.in/nget/ticket"	The booking website is loading or not.	The website get launched on searching on browser.	Pass
2	TC-02	Tickets for the serached destinatin should be displayed	Search destination = "GOA"	The searched destination "goa" tickets visible.	The searched destination "goa" tickets visible.	Pass
3	TC-03	Train seats are available on our journey date	Searching for the date: "27/02/23" .	The train seats must be visible on the search .	The train seats are not visible due to some error.	Fail
4	TC-04	After clicking on the search results open complete deatils for the train.	Search: Place- " goa to pune "; Date- "27/03/23"	For the searched Place- " goa to pune "; Date-"27/03/23" the results must be visible.	For the searched Place- " goa to pune "; Date-"27/03/23" the results are be visible.	Pass
5	TC-05	Use invalid mobile number and click in	Mail Id: +*@gmail.com	" Invalid format" message should be displayed on screen !	" Invalid format" message displayed on screen !	Pass
6	TC-06	Enter already registerd number in and then sign up.	Mobile number : "6273645389"	"This mobile number is already registered" message should be displayed.	"This mobile number is already registered" message should be displayed.	Pass
7	TC-07	The Passenger can check PNR status (confirmed, RAC, waiting list) by entering the PNR no. into the Reservation system.	PNR NUMBER: "025368" and click on the search button in pnr status check	Result displayed for the entered PNR number ; status : Confirmed	Result displayed for the entered PNR number ; status : RAC	Fail

8	TC-08	User submits an empty form	No input provided	The system should display an error message indicating that the required fields are missing.	The system displayed an error message indicating that the required fields are missing.	Pass
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9	TC-09	ser enters invalid Name in the railway reservation form	Name: 123	The system should display an error message indicating that the Name field only accepts letters.	The system should display an error message indicating that the Name field only accepts letters.	Pass
10	TC-10	ser enters invalid Age in the railway reservation form	Age: -10	The system should display an error message indicating that the Age field only accepts positive numbers.	The system should display an error message indicating that the Age field only accepts positive numbers.	Pass
11	TC-11	User enters invalid Train Number in the railway reservation form	rain Number: ABCD	The system should display an error message indicating that the Train Number field only accepts numbers.	The system should display an error message indicating that the Train Number field only accepts numbers.	Pass
12	TC-12	User enters invalid Departure Date in the railway reservation form	Departure Date: 2022-04-01	The system should display an error message indicating that the Departure Date field should be a future date.	The system should display an error message indicating that the Departure Date field should be a future date.	Pass
13	TC-13	User enters invalid Class in the railway reservation form	Class: ABCD	The system should display an error message indicating that the Class field only accepts predefined values.	The system should display an error message indicating that the Class field only accepts predefined values.	Pass
14	TC-14	User enters invalid Seat preference in the railway reservation form	Seat preference: ABCD	The system should display an error message indicating that the Seat preference field only accepts predefined	The system should display an error message indicating that the Seat preference field only accepts	Pass

15	TC-15	User enters invalid Number of Passengers in the railway reservation form	Number of Passengers: 0	The system should display an error message indicating that the Number of Passengers field should be greater than zero.	The system should display an error message indicating that the Number of Passengers field should be greater than zero.	Pass
16	TC-16	User enters invalid Contact Number in the railway reservation form	Contact Number: 12345	The system should display an error message indicating that the Contact Number field should only accept valid phone numbers.	The system should display an error message indicating that the Contact Number field should only accept valid phone numbers.	Pass
17	TC-17	User enters invalid Email Address in the railway reservation form	Email Address: johndoeexample.com	The system should display an error message indicating that the Email Address field should only accept valid email addresses.	The system should display an error message indicating that the Email Address field should only accept valid email addresses.	Pass
18	TC-18	User enters valid information in the railway reservation form with special characters in Name	Name: John-Doe	The system should successfully accept the reservation request and display a confirmation message with the	The system should successfully accept the reservation request and display a confirmation message with the	Pass
19	TC-19	Same From and To Stations	From Station: Pune To Station: Pune	Error message: "From and To Stations cannot be the same."	Error message: "From and To Stations cannot be the same."	Pass
20	TC-20	Valid Form Submission	Name: Rudra Roy Email: rudra.roy@gmail.com Phone: 1234567890 Date of Journey: 2023-04-01 From Station: Pune To Station: Goa Train: Kokan Express	"Your reservation has been confirmed!"	"Your reservation has been confirmed!"	Pass