

Test Cases for Indian Railway Reservation System

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Test Focus	Test Description	Pre & Post conditions	Test Steps	Test Data	Expected Result	Actual Result	Test Result
Login For Existing User Or Booking Agent	To test login functionality	X	1. Open Website 2. Enter Username 3. Enter password 4. Press login button	1. Correct Username correct password 2. Correct Username wrong password 3. Wrong Username correct password 4. Wrong Username wrong password 5. Empty Username field non-empty password 6. Non-empty Username field empty password	1. Should login 2. Should not login 3. Should not login 4. Should not login 5. Should not login 6. Should not login	1. Correct 2. Correct 3. Correct 4. Correct 5. Correct 6. Correct	1. Pass 2. Pass 3. Pass 4. Pass 5. Pass 6. Pass
Search For Train	To test search functionality	X	1. Open Website 2. Login to Website 3. Search Train by filling the details.	1. Enter valid route (Source, Destination name) and valid date. 2. Enter valid route and invalid date. 3. Enter invalid route and valid date 4. Enter invalid route and invalid date	1. Display list of available trains for the route mentioned. 2. Display "Date is lesser than current date" 3. Display "No Trains found" 4. Display "Date is lesser than current date"	1. Correct 2. Correct 3. Correct 4. Correct	1. Pass 2. Pass 3. Pass 4. Pass

Cancel Booked Ticket	To test ticket cancellation functionality	X	<ol style="list-style-type: none"> 1. Open Website 2. Login to Website 3. Review booking history 4. Cancel 	<ol style="list-style-type: none"> 1. If journey date and time is less than current date 2. If journey date and time is greater than current date 	<ol style="list-style-type: none"> 1. Display “N/A train has been departed” 2. Cancels the selected ticket and refunds the money. 	<ol style="list-style-type: none"> 1. Correct 2. Correct 	<ol style="list-style-type: none"> 1. Pass 2. Pass
Login For Admin	To test admin login functionality	X	<ol style="list-style-type: none"> 1. Open Website Click Admin 2. Enter Username 3. Enter Password 4. Click Login button 	<ol style="list-style-type: none"> 1. Correct Username correct password 2. Correct Username wrong password 3. Wrong Username correct password 4. Wrong Username wrong password 5. Empty Username field non-empty password 6. Non-empty Username field empty password 	<ol style="list-style-type: none"> 1. Should login 2. Should not login 3. Should not login 4. Should not login 5. Should not login 6. Should not login 	<ol style="list-style-type: none"> 1. Correct 2. Correct 3. Correct 4. Correct 5. Correct 6. Correct 	<ol style="list-style-type: none"> 1. Pass 2. Pass 3. Pass 4. Pass 5. Pass 6. Pass
Add New Train	To test add new train functionality	X	<ol style="list-style-type: none"> 1. Open Website 2. Login to Website 3. Add new train 	<ol style="list-style-type: none"> 1. Insert new train details with non-existing train number 2. Insert new train details with existing train number 	<ol style="list-style-type: none"> 1. Stores Patient Details In database 2. Displays “Train with train number already exists” 	<ol style="list-style-type: none"> 1. Correct 2. Correct 	<ol style="list-style-type: none"> 1. Pass 2. Pass

View Existing Trains	To test viewing of existing train functionality	X	<ol style="list-style-type: none"> 1. Open Website 2. Login to Website 3. View existing trains. 	<ol style="list-style-type: none"> 1. If one or more trains already exists in database 2. If no trains exist in database 	<ol style="list-style-type: none"> 1. Displays existing trains 2. Displays “No trains exist. Please add before viewing.” 	<ol style="list-style-type: none"> 1. Correct 2. Correct 	<ol style="list-style-type: none"> 1. Pass 2. Pass
Delete Existing Train	To test delete functionality	X	<ol style="list-style-type: none"> 1. Open Website 2. Login to Website 3. Select view existing trains 4. Select train to be deleted. 5. Delete by train number 	<ol style="list-style-type: none"> 1. Click on delete button 	<ol style="list-style-type: none"> 1. Display “Train with train number has been deleted.” 	<ol style="list-style-type: none"> 1. Correct 	<ol style="list-style-type: none"> 1. Pass
Update Existing Train Details	To test add details functionality	X	<ol style="list-style-type: none"> 1. Open Website 2. Login to Website 3. Select view existing trains 4. Select train to be updated. 5. Update by train number. 	<ol style="list-style-type: none"> 1. Insert new details 2. Click update button. 	<ol style="list-style-type: none"> 1. Stores new details in database and display “Train with train number has been updated.” 	<ol style="list-style-type: none"> 1. Correct 	<ol style="list-style-type: none"> 1. Pass
Place Advertisement	To test advertisement placing functionality	X	<ol style="list-style-type: none"> 1. Open Website 2. Click Advertise with us. 	<ol style="list-style-type: none"> 1. Upload image. 2. Fill subscription details. 3. Agree terms and condition. 4. Submit Advertisement. 	<ol style="list-style-type: none"> 1. Display “Thank you for placing advertisement with us.” 	<ol style="list-style-type: none"> 1. Correct 	<ol style="list-style-type: none"> 1. Pass

User or Booking Agent Registration	To test registration functionality	X	<ol style="list-style-type: none"> 1. Open Website 2. Click Sign Up. 	<ol style="list-style-type: none"> 1. Enter all required fields specified and click register if entered user name already exists. 2. Enter all required fields specified and click register if password and confirm password are different. 3. Enter all required fields specified and click register if entered user name does not exist and password and confirm password are same. 	<ol style="list-style-type: none"> 1. Displays "User already exist." 2. Displays "Passwords must be same." 3. Should insert details in database for the new user and redirect new user to home page. 	<ol style="list-style-type: none"> 1. Correct 2. Correct 3. Correct 	<ol style="list-style-type: none"> 1. Pass 2. Pass 3. Pass
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