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| Test Case ID | Description | Pre-Condition | Steps | Data | Expected  Result | Actual  Result | Status |
| TC\_1 | To verify if a user is able to login with a valid username and password. | Login page should be displayed | 1] Enter the username and password in their respective fields.  2] Click on submit button | Username=  “abc\_24”,  Password=  ”abc@123” | The login page should prompt that the entered password is valid. After clicking on the submit button the user must be logged in. | The user logged in successfully. | Pass |
| TC\_2 | To verify if a user is able to login with a invalid username and invalid password. | Login page should be displayed | 1] Enter the username and password in their respective fields.  2] Click on submit button | Username=  “abc\_25”,  Password=  ”abc@1234” | The login page should prompt that the entered password is invalid. “Enter valid username and password “ message should be displayed. | “Enter valid username and password “  Message is displayed. | Pass |
| TC\_3 | To verify if a user is able to login by keeping both username and password fields empty. | Login page should be displayed. | 1] Keep both the fields empty to ckeck whether still the user can login or not. | Username =  Password= | “Please enter valid username and password “ message should be displayed. | “Enter valid username and password”  Message is displayed. | Pass |
| TC\_4 | To check the availability of trains. | The app/website must be open | 1] Open website.  2]Then choose option  3]Enter source and destination.  4]Enter the date. | Source=  Mumbai  Destination=  Pune  Date=  02/08/2022 | “Train is available” message should be displayed. | List of available trains is displayed. | Pass |
| TC\_5 | To check for the availability of seats. | The app/website must be open | 1]Enter train number for available seats. | Train No. =10 | “Seats available” must be displayed. | List of available seats is displayed. | Pass |
| TC\_6 | To check for availability of train for next 2 days . | The app/website must be open. | 1]Open website.  2] Then choose option.  3]Enter source and destination  4]Enter the date. | Source=  Mumbai  Destination=  Pune  Date=  02/08/2022 | List of available trains for next 2 days must be displayed | List of available trains for next 2 days is displayed | Pass |
| TC\_7 | To check availability of AC.sleeper seats. | The app/website must be open. | 1]Open website.  2] Then choose option.  3]Enter source and destination. | Source=  Mumbai  Destination=  Pune | List of available seats for sleeper ,AC must be displayed. | List of available seats for sleeper,AC is displayed. | Pass |
| TC\_8 | To search with all the root stations. | The app/website must be open. | 1]Open website.  2] Then choose option.  3]Enter source and destination. | Source=  Mumbai  Destination=  Pune | List of trains between Mumbai to Pune must be displayed. | List of trains between Mumbai to Pune is displayed. | Pass |
| TC\_9 | To check for the upper,lower and middle seat. | The app/website must be open. | 1]Open website.  2]Enter seat number. | Seat no=15 | Must display whether the seat number is of upper,lower,middle seat. | Display whether the seat is upper,lower,  Middle. | Pass |
| TC\_10 | To check whether captcha is entered correctly. | - | 1] Enter wrong Captcha. | Captcha=  ”AbCd” | System should not allow the user to login. | User not allowed to login to the system. | Pass |
| TC\_11 | To check the availability of concession for senior citizens. | The app/website must be open. | 1]Open user module.  2]Enter the age.  3]Check for concession. | Age=50 | Concession should be available. | Concession is available. | Pass |
| TC\_12 | To check whether the system provides all types of payment facility | Must have confirmed seat. | 1]Open payment module.  2]Click on payment button. | - | All payment methods must be displayed. | All payment methods are displayed. | Pass |
| TC\_13 | To check the validity of Email-ID | The app/website must be open | 1]Open user module from website.  2]Enter Email-ID.  3]Click on verify. | Email-ID=  “sakshi@gmail.  com” | The OTP generated by the railway reservation system and it must be sent to the email id. | OTP is received on valid email id. | Pass |
| TC\_14 | To check the validity of Mobile number. | The app/website must be open | 1]Open user module from website.  2]Enter Mobile number.  3]Click on verify. | Mobile number=  7711239890 | The OTP generated by the railway reservation system and it must be sent to the mobile number. | OTP is received on valid mobile number. | Pass |
| TC\_15 | Check whether the submit button is enabled or not. | ----- | 1]Click on the submit button. | ----- | The submit button must be enable in order to book the tickets. | Tickets are booked successfully. | Pass |
| TC\_16 | To check if user logged in on multiple devices and logout from one device then It should logout from all devices. |  | 1]Click on the logout button.  2]Enter username and password to logout. | Username=  “abc\_24”,  Password=  ”abc@123” | The used username and password must be logged out from all the devices. | The used username and password is logged out from all the devices. | Pass |
| TC\_17 | Check whether after logging out the user should not be able to login within same session. | User must logged out successfully. | 1]Try to login after already logged out from all the devices. | ----- | The user must not be able to login within the same session once logged out. | The user must not be able to login within the same session once logged out. | Pass |