Black Box Testing for Transaction Page

Transaction Page **:**

* + If the user clicks on pay token fees then it will redirect to razorpay payment gateway.
  + On entering otp, the transaction proceeds.
  + If the user leaves a field empty or incomplete while entering the payment details, a message “please enter valid card number” is displayed.
  + If a transaction is successful, the Transaction Page will show the history of the recorded transaction with correct time and details.
  + If the transaction could not be completed due to network or server issues, then the portal timeouts and shows a “try again” message for payment.
  + If the user has already paid the amount and clicks on the property’s pay token amount button, it leads to the details page stating it is paid.
  + If the user enters non numeric details for the card number or cvv, it will display a valid details message.

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| **Test Case ID** | **Scenario** | **Input Data** | **Expected Output** |
| TC001 | User clicks on  "Pay Token  Fees" | Click action on the button | Redirects to Razorpay payment gateway. |
| TC002 | User enters valid OTP | Valid OTP | Transaction proceeds. |
| TC003 | User leaves a field empty while entering payment  details | Leave "Card Number" field empty | Displays "Please enter valid card number" message. |
| TC004 | User leaves "CVV" field empty | Leave "CVV" field empty | Displays "Please enter valid card number" message. |
| TC005 | User enters non-numeric data in card number field | Enter "abcd1234" in the "Card Number" field | Displays "Please enter valid card number" message. |
| TC006 | User enters non-numeric data in CVV  field | Enter "xyz" in the "CVV"  field | Displays "Please enter valid card number" message. |
| TC007 | User enters incomplete card number | Enter "1234" in the "Card Number" field | Displays "Please enter valid card number" message. |
| TC008 | Transaction is successful | Complete all  fields correctly | Redirects to Transaction Page with a history of the recorded transaction showing correct time and details. |
| TC009 | Transaction fails due to network issues | Simulate network timeout | Displays "Try again" message for payment. |
| TC010 | Transaction fails due to server issues | Simulate server error | Displays "Try again" message for payment. |
| TC011 | User tries to pay again after already paying | Click "Pay Token Fees" button again | Redirects to a details page stating the token amount has already been paid. |
| TC012 | User enters valid numeric card details | Enter valid card number and CVV | Proceeds to the OTP entry page. |
| TC013 | User skips  OTP entry | Leave OTP  field empty | Displays error message for missing OTP. |
| TC014 | Payment gateway  redirect failure | Simulate Razorpay  redirect failure | Displays appropriate failure messages or handles fallback appropriately. |