

Object test cases of OTP(One Time Password) Generator

1. Verify for verification valid and correct OTP is generated.
2. Verify the OTP is generated within the specified period.
3. Verify OTP code sent to the user successfully.
4. Verify that the correct user receives the OTP via SMS or Email.
5. Verify the time duration the user received the OTP-generated code by email.
6. Verify the time duration for the user received the OTP generated on mobile by SMS.
7. Verify the input field existency for OTP entry.
8. Verify the proper labeling and description of the OTP input field.
9. Verify the input field's responsiveness across various devices.
10. Verify that the OTP input field supports auto-fill functionality.
11. Verify that the OTP input field is case sensitive.
12. Verify that the OTP length meets the defined requirements.
13. Check the system response to OTPs with fewer characters.
14. Check if the input field accept alphanumeric characters.
15. Check if the input field accept the special character.
16. Check the system response when entering mix of alphanumeric characters and symbol.
17. Check if the input field accept the space.
18. Check if the input field support copy pasting.
19. Verify the successful validation for a valid OTP.
20. Verify that OTP verification grants access to the intended user account.
21. Verify that OTP verification for users with account recovery scenarios.
22. Verify the expiration time of a generated OTP.
23. Check system's response to verifying expired but valid OTPs.
24. Verify if a correct info message is displayed if the user enters a valid OTP.
25. Verify if an error message is displayed when user enters an invalid OTP.
26. Verify that the OTP input field becomes disabled following a successful attempt.
27. Verify the ability to request a new OTP after a failed verification attempt.
28. Check if the users receive notifications for OTP resends on both SMS and email.
29. Verify the system's response when requesting multiple OTPs in a short time.
30. Check that resending the OTP invalidates the previous OTP.
31. Check if the user can resend OTP before expiration of previous OTP.
32. Check the limit set for OTP code to resend multiple times.
33. Check if the input field is disabled due to multiple unsuccessful attempts.
34. Check if the user is temporarily blocked due to multiple failed attempts.
35. Check if the users receive notifications for OTP resends on both SMS and email.