Object Test Case: OTP

1. Verify the scenarios where the OTP is required (like in registration, login, forgetting password etc)

2. Check whether the OTP is sent in a short time or takes much time to send to the user

3. Verify how the OTP is generated and sent - like in sms, email

4. Check whether the OTP is sent to the correct user or not through sms

5. Check whether the OTP is sent to the correct user or not through email

6. Verify the OTP length is the same as in the requirements and send the same to the user

7. Verify whether the OTP is valid for one time or not

8. Verify the OTP is not generated more than the time the users want to get

9. Verify the OTP is not generated less than the time the users want to get

10. Check whether the OTP is generated correctly or not in the required time duration

11. Check the time duration of the OTP is validated through email

12. Check the time duration of the OTP is validated through sms on mobile

13. Verify the OTP code is numeric or character or mixed

14. Verify whether the OTP code is case-sensitive or not

15. Verify the OTP input field is shown to users

16. Verify whether the OTP input field has labelling or not

17. Verify whether the OTP input field is responsive in different devices or not

18. Verify the OTP input field supports auto-filling or manual filling

19. Verify the OTP input field has required or more spaces to write the code manually

20. Verify whether the OTP input field takes more characters or not than required

21. Verify whether the input field takes spaces or invalid characters

22. Verify whether the timing/clock is working properly or not

23. Verify OTP should expire after the required time

24. Check what happens if the expiration time is over

25. Check the situation if the expired OTP is given, and how the system behaves in this case

26. Verify whether any error/warning message is shown or not if an expired OTP is given

27. Check the situation if the reused OTP is given again

28. Verify whether any error/warning message is shown or not if reused OTP is given again as input

29. Verify the user can request a new OTP code through the link/resend button

30. Verify whether the resend button is working or not

31. Verify after clicking on the resend button, whether the OTP is generated and sent to the user successfully or not

32. Verify if the OTP is resent, the previous OTP becomes invalid or not

33. Verify if the user is blocked or not if he requests the OTP repeatedly

34. Verify the OTP should be given for a limited time or unlimited times for the same user at a time

35. Verify the OTP code is fetched manually by users or from the third-party app by default.

36. Verify the application is successfully taken the valid OTP

37. Check if any message is shown or not if the valid OTP is given

38. Check if any error message is shown or not if an invalid OTP is given

39. Verify whether the submitted OTP is right or wrong

40. Verify whether the submitted OTP is reused or expired

41. Check if the OTP verification is in online mode or offline mode

42. Verify the situation if multiple users are submitting their OTPs at a time and how the system handles it.