**Test Cases for OTP(One Time Password)**

1. Verify if the generated OTP is unique or not.
2. Verify that the generated OTP is received only for the registered mobile number/e-mail address.
3. Check the time duration for the system to generate the OTP.
4. Verify the count for the OTP code generated should not be less than required
5. To verify if the OTP becomes invalid after the specified time.
6. To verify whether the system’s OTP validation function rejects an incorrect OTP.
7. Verify a proper error message should be shown if the user provides an invalid OTP code.
8. Verify OTP code should be valid for one time or not.
9. Verify the resend OTP functionality is working properly.
10. Verify how many times the application needs to resend the OTP.
11. Verify that once the user requests to resend the OTP, the previous one should be of no use.
12. Verify whether the limit is set for OTP to resend multiple times or not (For example, a maximum of 5/6 attempts is allowed for each user)
13. Verify how many times a user can provide an invalid OTP.
14. Verify to see whether the user account is temporarily blocked or not by the application after several unsuccessful OTP attempts.
15. Verify if the generated OTP patterns are predictable or not.
16. Check for the type of character OTP contains: digits, alphabets, alphanumeric, or a combination of all type