Writing a test case for One Time Password (OTP).

1. OTP Generation

* **Generate OTP Successfully**

Navigate to the OTP generation section of the system.

Initiate the OTP generation process.

* **Verify OTP Length**

Generate an OTP & OTP should be of the specified length.

* **Check OTP Expiry**

Wait for the specified OTP expiration time.

Attempt to use the expired OTP.

1. OTP Delivery

* **Verify OTP Delivery via SMS**

Check the designated mobile device for the OTP.

* **Verify OTP Delivery Time**

Note the time taken for the OTP to be delivered.

1. OTP Verification

* **Verify Successful OTP Verification**

Enter the correct OTP in the verification field.

Submit the OTP for verification.

* **Verify Failed OTP Verification**

Enter an incorrect OTP in the verification field.

Submit the OTP for verification.

1. Security and Reliability

* **Verify Unique OTPs**

Generate multiple OTPs consecutively.

* **Check System Stability**

Generate OTPs in quick succession.

* **Test for Brute Force Protection**

Attempt to enter incorrect OTPs multiple times within a short period.