

Test Cases for OTP Generation:

1. **Length Check:** Verify that the generated OTP has the correct length(usually 6 or 8 digits).
2. **Numeric Character Only:** Ensure that the OTP consists only of numeric characters.
3. **Uniqueness:** Confirm that each OTP generated is unique.
4. **Expiry Time:** Test that OTP expires after the specified time period(e.g., 1 minute).
5. **Generation Trigger:** Confirm that the OTP is generated only when triggered(e.g., after a user initiates a request).
6. **Alphanumeric Support(Optional):** If your system supports alphanumeric OTPs, verify that they are generated correctly.
7. **Error Handling:** Check how the system handles errors during OTP generation(e.g., if there is a failure in the OTP generation process).