

## Test Case: OTP Generation

- Verify that the OTP is random and secure
- Verify that the generated OTP has the correct length
- Verify that the OTP expires after a certain period
- Verify that the OTPs can be generated by the system in a reasonable amount of time
- Verify that the system can handle multiple concurrent OTP generation requests
- Verify that OTP generation works across different platforms and devices
- Verify that the system doesn't generate invalid otp characters
- Verify that same otp doesn't generate consecutively
- Verify that the otp delivers to the correct user
- Verify that the otp only follows one path
- Verify that inputting wrong otp or expired otp gives appropriate error message