A screenshot of a phone with a message box

Description automatically generated

Here are some test cases for **OTP functionality testing**:

1. Verify that the OTP is generated and sent to the correct user.
2. Verify that the user receives the OTP within a short period.
3. Verify that the OTP input field is not empty.
4. Verify that OTP expires after a short period.
5. Verify that OTP is valid and accepted.
6. Verify that the wrong OTP is rejected.
7. Verify that the expired OTP is rejected.
8. Verify that the previous OTP code is invalid after sending a new OTP code.
9. Verify if there is a specific amount of time delay to resend the OTP request again.
10. Verify that sending multiple OTP requests is allowed.
11. Verify the number of failed attempts a user can enter.
12. Verify that sending a new OTP is blocked for a few hours after failed attempts.
13. Verify if the OTP field is disabled after providing a valid OTP.
14. Verify if the OTP is sent to mobile and email if they’re connected.
15. Verify if the OTP was sent to a phone number with the correct country code.
16. Verify if the user is notified about resending a new OTP if he doesn’t input 1st OTP.
17. Verify if the OTP is case-sensitive.
18. Verify if the OTP is only numeric or alphanumeric.
19. Verify if the OTP doesn’t accept unique characters.
20. Verify if the OTP is automatically applied if the permissions are given on the mobile phone.
21. Verify if one OTP isn’t reused.
22. Verify that the OTP shouldn’t deliver to more than one phone number if multiple phone numbers are attached.
23. Verify that an OTP from one service doesn’t match with another service’s OTP.
24. Verify that the OTP can be sent by phone call.
25. Verify that the OTP is not displayed in the URL or logs, ensuring it is kept confidential.