Assignment - 01

Test Cases for OTP

- **Testcase_01** : Verify that the OTP is received on a registered mobile number or verified email address.
- **Testcase_02** : Check if the OTP is numeric or alphanumeric.
- **Testcase_03** : Check if the OTP is generated within the specific time period
- **Testcase_04** : Check whether the generated OTP is still valid after one instance.
- **Testcase_05** : Check the length of the OTP code.
- **Testcase_06** : Verify that one registered mobile number should not receive the same OTP more than once.
- **Testcase_07** : Verify that the OTP code is valid for a specific time
- **Testcase_08** : Check the OTP's limit to ensure validation.
- **Testcase_09** : Verify that OTP expires after some time or not.
- **Testcase_10** : Verify that the user is able to enter old OTP or not
- **Testcase_11** : Check if the user is able to resend OTP requests or not
- **Testcase_12** : Ensure that the OTP is not reused for another transaction after it has been used.
- **Testcase_13** : Verify that the OTP should be valid for only one time.
- **Testcase_14** : Verify that the user receives a unique OTP for every activity or transaction.
- **Testcase_15** : Check and validate the time duration to receive the email or sms with the OTP-generated code.
- **Testcase_16** : Check the number of times a user can enter an invalid OTP.
- **Testcase_17:** Verify by entering the OTP; the code must be successfully accepted by the application.
- **Testcase_18** : Verify that the OTP code expires when the program or application permits it to.
- **Testcase_19** : Verify that the OTP has expired if the user does not use the generated OTP within the allotted time, it should expire shortly.
- **Testcase_20** : Check if the user can log in with the expired OTP.
- **Testcase_21**: Verify that the system should not accept the OTP code once expired.
- **Testcase_22** : Check if the user can click the "resend code" button or link to request a new OTP code.

- **Testcase_23** : To send the OTP again, see if there is a pause period.
- **Testcase_24** : Check whether there is a limit on the number of times the OTP code can be sent again. (For example, a user may attempt up to five times.)
- **Testcase_25** : Check if the user should be temporarily blocked if they repeatedly request an OTP code.
- **Testcase_26** : Check if the user can request a new code if by any chance they could not
- **Testcase_27** : Verify how many times a user is permitted to enter an incorrect OTP
- **Testcase_28** : Check by providing an incorrect phone number or email address and then submit the OTP. Verify the authenticity.
- **Testcase_29** : Verify that the user receives a proper confirmation message if they enter a valid OTP code.
- **Testcase_30** : Verify that the user receives a proper error message if they enter an invalid OTP code.
- **Testcase_31**: Check if the user receives multiple OTP, can be able to access only with the last OTP code.
- **Testcase_32:** Check whether the OTP expires after some time or not.
- **Testcase_33**: Check if the user received the old or new OTP code after clicking the "Resend" button.
- **Testcase_34**: Check the period of time of unblocking the system when it is temporarily blocked for repeated wrong attempts.
- **Testcase_35**: Verify if there are any pop up messages displayed for continuous wrong OTP code.
- **Testcase_36:** Verify if any character or special character type input is accepted for an integer type input and vice versa.
- **Testcase_37**: Check whether the incorrect OTP code is rejected or accepted.
- **Testcase_38**: Verify that the user can request for another OTP if the first OTP is not correct or accepted by the system.
- **Testcase_39**: Check if the input field only accepts codes of the required length.
- **Testcase_40**: Verify if the OTP code can be used on multiple devices.
- **Testcase_41**: Verify that the user has received a sms or email that means notified when a new OTP code has been sent.
- **Testcase_42**: Check whether the OTP code patterns are predictable or not.

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