Project Name	Facebook Sign Up Test Case
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Android Versions	12
Issue Date	9-Mar-2025

Step	Action	Expected Result	Status	Actual Result (If needed)	Priority
Prereq.	-The user has a valid phone number or email to sign up with				
1	**Validate sign up with valid phone number**				**High**
1.1	Navigate to sign up page				
1.2	Provide a valid first name				
1.3	Provide a valid surname	-User registration is successful			
1.4	Provide a valid phone number	-User is redirected to Newsfeed Page	Ready to Test		
1.5	Provide a valid password	-An OTP is sent to the user			
1.6	Provide a valid date of birth				
1.7	Provide a valid gender				
1.8	Click on "Sign up"				
2	**Validate sign up with valid email address**				**High**
2.1	Navigate to sign up page				
2.2	Provide a valid first name				
2.3	Provide a valid surname	-User registration is successful			
2.4	Provide a valid email number	-User is redirected to Newsfeed Page	Ready to Test		
2.5	Provide a valid password	-An email verification is sent to the user			
2.6	Provide a valid date of birth				
2.7	Provide a valid gender				
2.8	Click on "Sign up"				
3	**Validate providing a mobile number with country**				**High**
3.1	Navigate to sign up page	-User registration is successful			
3.2	Provide a valid phone number with country code	-User is redirected to Newsfeed Page	Ready to Test		
3.3	Fill all other fields with valid data	-An OTP is sent to the user			
3.4	Click on "Sign up"				
4	**Validate providing a mobile number without country**				**High**
4.1	Navigate to sign up page	-User registration is successful			
4.2	Provide a valid phone number without country code	-User is redirected to Newsfeed Page	Ready to Test		
4.3	Fill all other fields with valid data	-An OTP is sent to the user			
4.4	Click on "Sign up"				
5	**Validate sign up with valid age in the range of 13 and 18 years Old**				**High**
5.1	Navigate to sign up page	-User registration is successful			
5.2	Enter valid age in the range of 13 and 18	-User is redirected to Newsfeed Page	Ready to Test		
5.3	Fill all other fields with valid data				
5.4	Click on "Sign up"				
6	**Validate sign up with valid age in the range of 18 and 120 years Old**				**High**
6.1	Navigate to sign up page	-User registration is successful			
6.2	Enter valid age in the range of 13 and 18	-User is redirected to Newsfeed Page	Ready to Test		
6.3	Fill all other fields with valid data				
6.4	Click on "Sign up"				
7	**Validate providing Female as gender**				**High**
7.1	Navigate to sign up page	-User registration is successful			
7.2	Provide Female in Gender field	-User is redirected to Newsfeed Page	Ready to Test		
7.3	Fill all other fields with valid data				
7.4	Click on "Sign up"				
8	**Apply Boundary-value analysis on age field (13 & 18)**				**High**
8.1	Navigate to sign up page	-User registration is successful			
8.2	Enter valid age Boundary value [13] or [18]	-User is redirected to Newsfeed Page	Ready to Test		
8.3	Fill all other fields with valid data				
8.4	Click on "Sign up"				
9	**Apply Boundary-value analysis on age field (18 & 120)**				**High**
9.1	Navigate to sign up page	-User registration is successful			
9.2	Enter valid age Boundary value [18] or [120]	-User is redirected to Newsfeed Page	Ready to Test		
9.3	Fill all other fields with valid data				
9.4	Click on "Sign up"				
10	**Validate sign up with Bangla First & Surname**				**Medium**
10.1	Navigate to sign up page				
10.2	Provide a valid Bangla first name "সৌরভ"				
10.3	Provide a valid Bangla surname "সিকদার"	-User registration is successful			
10.4	Provide a valid email number	-User is redirected to Newsfeed Page	Ready to Test		
10.5	Provide a valid password	-Username appears normally without any UI issues			
10.6	Provide a valid date of birth	-An email verification is sent to the user			
10.7	Provide a valid gender				
10.8	Click on "Sign up"				
11	**Validate sign up with English First & Surname**				**Medium**
11.1	Navigate to sign up page				
11.2	Provide a valid English first name "Saurov"				
11.3	Provide a valid English surname "Sikder"	-User registration is successful			
11.4	Provide a valid email number	-User is redirected to Newsfeed Page	Ready to Test		
11.5	Provide a valid password	-Username appears normally without any UI issues			
11.6	Provide a valid date of birth	-An email verification is sent to the user			
11.7	Provide a valid gender				
11.8	Click on "Sign up"				

12	Validate providing Male as gender				Medium
12.1	Navigate to sign up page	-User registration is successful -User is redirected to Newsfeed Page	Ready to Test		
12.2	Provide Male in Gender field				
12.3	Fill all other fields with valid data				
12.4	Click on "Sign up"				
13	Validate providing a short valid first or surname "E.g: "Yu-o-jc"				Low
13.1	Navigate to sign up page	-Firstname and lastname are accepted	Ready to Test		
13.2	Provide a valid first name "Yu"				
13.3	Provide a valid surname "O"				
13.4	Provide valid data in all other fields				
13.5	Click on "Sign up"				
14	validate providing phone number in Bangla digits				Low
14.1	Navigate to sign up page	-User registration is successful -User is redirected to Newsfeed Page -An OTP is sent to the user	Ready to Test		
14.2	Provide a valid phone number in Bangla digits "০১৯৫৫১১৮"				
14.3	Fill all other fields with valid data				
14.4	Click on "Sign up"				

Step	Action	Expected Result	Status	Actual Result (If needed)	Priority
Prereq.					
1	**Validate leaving email or phone number field empty**				**High**
1.1	Navigate to sign up page	-Sign up is not successful -An error message appearing telling the user that he can't leave email field empty -Email field should be highlighted	Ready to Test		
1.2	Leave Email field empty				
1.3	Provide valid data in all other fields and submit				
2	**Validate leaving password field empty**				**High**
2.1	Navigate to sign up page	-Sign up is not successful -An error message appearing telling the user that he can't leave password field empty -Password field should be highlighted	Ready to Test		
2.2	Leave password field empty				
2.3	Provide valid data in all other fields and submit				
3	**Verify providing a Short mobile number "1234"**				**High**
3.1	Navigate to the Facebook sign-up page	"-Sign up is not successful -An error message appearing telling the user that enter a valid Phone number -Phone number field should be highlighted"	Ready to Test		
3.2	Provide the invalid data: Enter a short mobile number (e.g., "1234").				
3.3	Provide valid data in all other fields				
4	**Verify providing a long mobile with "more than 15 digits"**				**High**
4.1	Navigate to the Facebook sign-up page	"-Sign up is not successful -An error message appearing telling the user that enter a valid Phone number -Phone number field should be highlighted"	Ready to Test		
4.2	Provide the invalid data: Enter a long mobile number more than 15 digits (e.g., "12345				
4.3	Provide valid data in all other fields				
5	**Verify providing a space in the mobile number**				**High**
5.1	Navigate to the Facebook sign-up page	"-Sign up is not successful -An error message appearing telling the user that don't enter space in your Phone number -Phone number field should be highlighted"	Ready to Test		
5.2	Provide the invalid data: Enter a space in mobile number (e.g., " ").				
5.3	Provide valid data in all other fields				
6	**Verify adding an Email With Wrong format e.g "abc342432#"**				**High**
6.1	Navigate to the Facebook sign-up page	"-Sign up is not successful -An error message appearing telling the user that invalid email -Email field should be highlighted"	Ready to Test		
6.2	Provide the invalid data: Enter a email in wrong format (e.g., "abc342432#").				
6.3	Provide valid data in all other fields				
7	**Verify adding an Email With a mistake in the format e.g "saurov@gamil.com"**				**High**
7.1	Navigate to the Facebook sign-up page	"-Sign up is not successful -An error message appearing telling the user that there is a mistake in the email -Email field should be highlighted"	Ready to Test		
7.2	Provide the invalid data: Enter a email with a mistake (e.g., "saurov@gamil.com").				
7.3	Provide valid data in all other fields				
8	**Validate a password with less than 6 digits e.g"A12#l"**				**High**
8.1	Navigate to the Facebook sign-up page	"-Sign up is not successful -An error message appearing telling the user that he can't provide a password less than 6 digits -Password field should be highlighted"	Ready to Test		
8.2	Provide the invalid data: Enter a password less than 6 digits (e.g., "A12#l").				
8.3	Provide valid data in all other fields				
9	**Validate leaving the first name field empty**				**Medium**
9.1	Navigate to sign up page	-Sign up is not successful -An error message appearing telling the user that he can't leave first name field empty -Firstname field should be highlighted	Ready to Test		
9.2	Leave first name field empty				
9.3	Provide valid data in all other fields and submit				
10	**Validate leaving surname field Empty**				**Medium**
10.1	Navigate to sign up page	-Sign up is not successful -An error message appearing telling the user that he can't leave surname field empty -Surname field should be highlighted	Ready to Test		
10.2	Leave surname field empty				
10.3	Provide valid data in all other fields and submit				
11	**Validate leaving gender field empty**				**Medium**
11.1	Navigate to sign up page	-Sign up is not successful -An error message appearing telling the user that he can't leave gender field empty -Gender field should be highlighted	Ready to Test		
11.2	Leave gender field empty				
11.3	Provide valid data in all other fields and submit				
12	**Verity providing numbers or special characters in first name**				**Medium**
12.1	Navigate to sign up page	-Sign up is not successful -An error message appearing telling the user that he can't provide numbers or special characters in firstname field -Firstname field should be highlighted	Ready to Test		
12.2	Provide special characters or numbers in firstname "123#$"				
12.3	Provide valid data in all other fields and submit				
13	**Verity providing numbers or characters in Surname**				**Medium**
13.1	Navigate to sign up page	-Sign up is not successful -An error message appearing telling the user that he can't provide numbers or special characters in Surname field -Surname field should be highlighted	Ready to Test		
13.2	Provide special characters or numbers in Surname "123#$"				
13.3	Provide valid data in all other fields and submit				
14	**Verify providing very long first name "more than 50 character"**				**Medium**
14.1	Navigate to the Facebook sign-up page	-Sign up is not successful -An error message appearing telling the user that he can't provide a very long first name -Firstname field should be highlighted	Ready to Test		
14.2	Provide the invalid data: Enter a first name that is more than 50 characters long (e.g.,				
14.3	Provide valid data in all other fields				
15	**Verify providing very long surname "more than 50 character"**				**Medium**
15.1	Navigate to the Facebook sign-up page	"-Sign up is not successful -An error message appearing telling the user that Surname should less than 50 character -Surname number field should be highlighted"	Ready to Test		
15.2	Provide the invalid data: Enter a surname that is more than 50 characters long (e.g., "				
15.3	Provide valid data in all other fields				
16	**Validate a password without letters e.g"1234@#"**				**Medium**
16.1	Navigate to the Facebook sign-up page	"-Sign up is not successful -An error message appearing telling the user that he can't provide letters in the password -Password field should be highlighted"	Ready to Test		
16.2	Provide the invalid data: Enter a password without letters (e.g., "1234@#").				
16.3	Provide valid data in all other fields				
17	**Validate a password without numbers e.g"abcd@#"**				**Medium**
17.1	Navigate to the Facebook sign-up page	"-Sign up is not successful -An error message appearing telling the user that he can't provide number in the password -Password field should be highlighted"	Ready to Test		
17.2	Provide the invalid data: Enter a password without numbers (e.g., "abcd@#").				
17.3	Provide valid data in all other fields				
18	**Verify providing very short first name "N"**				**Low**
18.1	Navigate to the Facebook sign-up page	-Sign up is not successful -An error message appearing telling the user that he can't provide very short name -Firstname field should be highlighted	Under Review		
18.2	Provide the invalid data: Enter "N" in the "First Name" field.				
18.3	Provide valid data in all other fields				
19	**Verify Copy/Paste mobile number from another Website or Application**				**Low**
19.1	Navigate to the Facebook sign-up page	"-Sign up is not successful -An error message appearing telling the user that don't paste your Phone number -Phone number field should be highlighted"	Ready to Test		
19.2	Copy mobile number to the clipboard				
19.3	Paste mobile number to its field				
19.4	Provide valid data in all other fields				
20	**Validate a password without special character e.g "abcd1234"**				**Low**
20.1	Navigate to the Facebook sign-up page	-Sign up is not successful -An error message appearing telling the user that he can't provide spechial character in the password -Password field should be highlighted	Ready to Test		
20.2	Provide the invalid data: Enter a password without special characters (e.g., "abcd123				
20.3	Provide valid data in all other fields				
21	**Validate a date of birth less than 13**				**Low**
21.1	Navigate to the Facebook sign-up page	-Sign up is not successful -An error message appearing telling the user that he can't provide a per			

21.2	Provide the invalid data: Enter a birth date less than 13 years.	-An error message appearing telling the user that he can't provide a age less than 13 years	Ready to Test		
21.3	Provide valid data in all other fields	-date of birth field should be highlighted			
22	**Validate providing a date of birth more 120**				**Low**
22.1	Navigate to the Facebook sign-up page	-Sign up is not successful	Ready to Test		
22.2	Provide the invalid data: Enter a birth date more than 120 years.	-An error message appearing telling the user that he can't provide a age less than 13 years			
22.3	Provide valid data in all other fields	-date of birth field should be highlighted			

Step	Action	Expected Result	Status	Actual Result (If needed)	Priority
Prereq.					
1	**Login with a valid email address and a valid password**				**High**
1.1	Enter the valid email address associated with the user account in the email address field.	-The system successfully authenticates the user and grants them access to the system's main page or dashboard.	Ready to Test		
1.2	Enter the valid password associated with the user account in the password field.				
1.3	Click the "Login" button.				
2	**Login with a valid Phone number and a valid password**				**High**
2.1	Enter the user's valid phone number	-The system successfully authenticates the user and grants access to the application's main features.	Ready to Test		
2.2	Enter the user's valid password				
2.3	Click the "Login" button.				
3	**Login with valid user without verifying email or phone number**				**High**
3.1	Enter the user's valid phone number or email "Unverified"	-The system displays an error message stating that email or phone number verification is required before login.	Ready to Test		
3.2	Enter the user's valid password				
3.3	Click the "Login" button.				
4	**Login with a valid password after forgotten password functionality**				**High**
4.1	Click on the "Forgot Password"	- The system should send a password reset email or SMS - The user successfully resets their password and logs in using the new password.	Ready to Test		
4.2	Enter the user's email address or phone number associated with the account				
4.3	Submit the request to reset the password.				
4.4	Click on the reset link				
4.5	Enter a new, valid password that meets the system's password complexity requirements				
4.6	Confirm the new password				
4.7	Submit the new password.				
4.8	Navigate to login page				
4.9	Enter the newly created password in the login password field.				
4.10	Click the "Login" button.				
5	**Login with leaving phone number or email address empty**				**High**
5.1	Leave the username/email field empty	-The system displays an error message indicating that the username/email field is required.	Ready to Test		
5.2	Enter a valid password in the password field.				
5.3	Click the "Login" button.				
6	**Login with leaving password field empty**				**High**
6.1	Enter a valid phone number or email	-The system displays an error message indicating that the password field is required.	Ready to Test		
6.2	Leave the password empty				
6.3	Click the "Login" button.				
7	**Login with an invalid email "not registerd"**				**High**
7.1	Enter an email address that is not registered in the system	-The system rejects the login attempt and displays a clear message indicating that the email address is not registered.	Ready to Test		
7.2	Enter a valid password (it doesn't matter if it's valid for a real account as the email itself is invalid).				
7.3	Click the "Login" button.				
8	**Login with an invalid email "wrong format"**				**High**
8.1	Enter an email address with an invalid format (e.g., missing "@", invalid domain name, etc.) in the designated field.	-The system rejects the login attempt and displays a clear message indicating that the email format is invalid.	Ready to Test		
8.2	Enter a valid password (it doesn't matter if it's valid for a real account as the email itself is invalid).				
8.3	Click the "Login" button.				
9	**Login with an invalid phone number "not registerd"**				**High**
9.1	Enter an phone number that is not registered in the system	-The system rejects the login attempt and displays a clear message indicating that the phone number is not registered.	Ready to Test		
9.2	Enter a valid password (it doesn't matter if it's valid for a real account as the email itself is invalid).				
9.3	Click the "Login" button.				
10	**Login with an invalid phone number "wrong format"**				**High**
10.1	Enter a phone number with an invalid format in the designated field (e.g., missing digits, invalid characters, incorrect number length for the target region).	-The system rejects the login attempt and displays a clear message indicating that the phone number format is invalid.	Ready to Test		
10.2	Enter a valid password (it doesn't matter if it's valid for a real account as the email itself is invalid).				
10.3	Click the "Login" button.				
11	**Login with invalid password with valid email**				**High**
11.1	Enter the valid email address associated with the user account.	-The system rejects the login attempt and displays a clear message indicating that the password is incorrect.	Ready to Test		
11.2	Enter an invalid password (different from the actual password for this account).				
11.3	Click the "Login" button.				
12	**Login with invalid password with valid phone number**				**High**
12.1	Enter the valid phone number associated with the user account.	-The system rejects the login attempt and displays a clear message indicating that the password is incorrect.	Ready to Test		
12.2	Enter an invalid password (different from the actual password for this account).				
12.3	Click the "Login" button.				
13	**Login with a valid password after being blocked from accessing the app**				**High**
13.1	Enter Blocked email or phone number	-The system continues to display a message about a locked account.	Ready to Test		
13.2	Enter the correct password for the user account.				
13.3	Click the "Login" button.				
14	**Login disactivate account**				**Medium**

14.1	Enter the username/email (or phone number) associated with the deactivated account.	-The system prevents login and informs the user about the deactivated account status.	Ready to Test			
14.2	Enter the password used for the deactivated account					
14.3	Click the "Login" button.					
15	**Login with invalid password 3 times**					**Medium**
15.1	Enter the valid email address (or phone number) associated with the user account.	-The system should lock the user account temporarily (according to the implemented security policy).	Ready to Test			
15.2	Enter an invalid password (different from the actual password for this account).					
15.3	Click the "Login" button.					
15.4	Repeat steps 1-3 two more times, entering the same invalid password each time (total of 3 attempts).					
16	**verify redirection to forgotter password**					**Medium**
16.1	Navigate to login page		Ready to Test			
16.2	Click on the forgot password link/button.					
17	**Validate redirection to Sign Up page**					**Medium**
17.1	Navigate to login page		Ready to Test			
17.2	Click on the Sign Up link/button.					
18	**Check show password button**					**Low**
18.1	Click the "Show Password" button	-The password appear	Ready to Test			
19	**Check copy/paste of password**					**Low**
19.1	Copy the user's password to the clipboard.	-The system accepts the pasted password and the user logs in successfully.	Ready to Test			
19.2	Paste the copied password from the clipboard into the password field.					