Facebook Sign Up page test scenarios

1. Verify Sign Up form by entering valid data into all fields (sign up verification by email ID and Mobile number).
2. Check Sign Up form by not entering data into mandatory fields (Verify the messages for each mandatory field)
3. Verify Sign Up form by not entering data into and clicking on sign up button
4. Verify Sign Up form by not entering optional fields /Test for gender option “Custom”.
5. Verify Sign Up form submission by entering invalid email.
6. Verify for valid but already existing email address/ valid email combinations.
7. Verify for invalid phone number
8. Verify Sign Up form by entering invalid OTP/Pin code
9. Verify for valid phone number
10. Verify for invalid password
11. Verify for valid password
12. Verify for invalid Birthday/Age (Account should be blocked for person with age less than 13 )
13. Test for Birthday functionality for valid/invalid inputs
14. UI functionality - Test all buttons, radio buttons, checkboxes
15. UI functionality -Test the tab functionality, Enter Button, various fields for cursor
16. Test Cross-Browser functionality - Test the all scenario in Edge, Chrome, Safari, Firefox, IE browsers
17. Compatibility Testing- Test above scenarios on different Mobile devices for **s**creen size, resolution, memory, etc.

Feature: Facebook sign up page functionality

Background: Given I go to the Facebook URL “[Facebook - log in or sign up](https://www.facebook.com/)”

And click Create new Account button

1. Scenario Outline: Test Sign Up form by entering valid data into all fields

Given The Sign Up form is open  
When enter "<firstname>","<lastname>","<mobileoremail>","<newpassword>"

And Select month as “Nov” day as “7” year as “1991” from birthday dropdown

And Choose “Female” from gender

And Click Sign Up button

And Click continue on more information page

And Check the I am not robot checkbox, click continue

And enter "<mobileoremail>" on confirmation page

And enter 5 digit code received on mail or mobile message

Then Welcome to Facebook should be displayed

And I should receive confirmation mail on entered email or mobile no.

Examples:

|firstname|lastname|mobileoremail |re-enteremail|password |Message |  
|Reshma | Jadhav |[reshma@yahoo.com](mailto:reshma@yahoo.com)|reshma@yahoo.com|Desh@1234|Welcome to Facebook|

| Jill | Muller |+4915906779344  | |New$$pass23|Welcome to facebook|

2. Scenario: Test Sign Up form by not entering data into mandatory fields

Given The Sign Up form is open  
When "<firstname>","<lastname>","<mobileoremail>","<newpassword>" is left blank

And Birthday is not selected dropdown

And Gender is not selected

And Click Sign Up button

Then Mandatory action sign ! should show

And Sign Up should not happen

3. Scenario: Test Sign Up form by not entering data and clicking on sign up button

Given The Sign Up form is open  
When All fields left blank

And Click Sign Up button

Then Mandatory action sign ! should show

And Sign Up should not happen

4. Scenario: Test Sign Up form by not entering optional fields /Test for gender option “Custom”

Given The Sign Up form is open  
When enter "<firstname>","<lastname>","<mobileoremail>","<newpassword>"

And Select month as “Nov” day as “7” year as “1991” from birthday dropdown

And Choose “Custom” from gender

Then Select your pronoun option “She:wish her a happy birthday!”

And Do not enter gender (optional) value

And Click Sign Up button

And Click continue on more information page

And Check the I am not robot checkbox, click continue

And enter "<mobileoremail>" on confirmation page

And enter 5 digit code received on mail or mobile message

Then Welcome to Facebook should be displayed

And I should receive confirmation mail on entered email or mobile no.

Examples:

|firstname|lastname|mobileoremail |re-enteremail|password |Message |  
 |Reshma | Reshma |[reshma@yahoo.com](mailto:reshma@yahoo.com)|reshma@yahoo.com|Desh@1234|Welcome to Facebook|

| Jill | Muller |+4915906779344  | |New$$pass23|Welcome to facebook|

5. Scenario Outline: Test Sign Up form submission by entering invalid email

Given The Sign Up form is open  
When enter "<firstname>","<lastname>","<newpassword>"

And Select month as “Nov” day as “7” year as “1991” from birthday dropdown

And Choose “Female” from gender

And Enter email “<mobileoremail>" without (.), Click Sign Up button

And Enter email "<mobileoremail>“without domain, Click Sign Up button

And Enter email "<mobileoremail>“without (.), Click Sign Up button

And Enter email “<mobileoremail>“without alphabets before @, Click Sign Up button

And Enter different email in email and reenter email textbox

And Click Sign Up button

Then User should get the warning “<Message>”

And Sign Up should not be successful.

Examples:

|firstname|lastname|mobileoremail|re-enteremail|password | Message |  
|Reshma |Jadhav |[resmail.com](mailto:resmail.com)|[resmail.com](mailto:reshmayahoo.com)|Desh@1234||Enter valid email or phonenumber

|Reshma |Jadhav |[re@gmailcom](mailto:reshma@yahoo.com)|[re@gmailcom](mailto:reshma@yahoo.com)|New$$pass23|Enter valid email or phonnumber

|Reshma | Jadhav |[@gmail.com](mailto:reshma@yahoo.com) |[@gmail.com](mailto:reshma@yahoo.com)|New$$pass23|Enter valid email or phonnumber

|Reshma | Jadhav |[re@gmail.com](mailto:re@gmail.com)|[ab@gmail.com](mailto:ab@gmail.com)|New$$pas23|Enter valid email or phonnumber

6. Scenario Outline: Test for valid but already existing email address/ valid email combinations

Given The Sign Up form is open  
When enter "<firstname>","<lastname>","<newpassword>"

And Select month as “nov” day as “7” year as “1991” from birthday dropdown

And Choose “male” from gender

And Enter existing email “<mobileoremail>"

And Click Sign Up button

Then User should get the “<Message>”

And User should be asked to login instead.

Examples |firstname|lastname|mobileoremail|re-enteremail|password | Message |  
  |Reshma |Jadhav |[re@gmail.com](mailto:re@gmail.com)|[re@mail.com](mailto:re@mail.com)|Desh@1234|| Email already exists

|Reshma |Jadhav |test@1.01.6.4 |test@1.01.6.4 |Desh@1234|| Email already exists

7. Scenario Outline: Test Sign Up form by entering invalid OTP/Pincode

Given The Sign Up form is open  
When enter "<firstname>","<lastname>","<mobileoremail>","<newpassword>"

And Select month as “nov” day as “7” year as “1991” from birthday dropdown

And Choose “Female” from gender

And Click Sign Up button

And Click continue on more information page

And Check the I am not robot checkbox, click continue

And enter "<mobileoremail>" on confirmation page

And enter wrong 5 digit code

Then “<Message>” should be displayed

Then Sign up should be declined

Examples |firstname|lastname|mobileoremail |re-enteremail|password |Message |  
  |Reshma | Reshma |[reshma@yahoo.com](mailto:reshma@yahoo.com)|reshma@yahoo.com|Desh@1234|enter correct 5 digit code|

| Jill | Muller |+4915906779344  | |New$$pass23| enter correct 5 digit code |

8. Scenario Outline: Test for invalid phone number

Given The Sign Up form is open  
When enter "<firstname>","<lastname>","<newpassword>"

And Select month as “nov” day as “7” year as “1991” from birthday dropdown

And Choose “male” from gender

And Enter "<mobileoremail>" with invalid country code, Click Sign Up button

And Enter "<mobileoremail>" with special characters, Click Sign Up button

And Enter "<mobileoremail>" with alphanumeric, Click Sign Up button

Then User should get the warning “<Message>”

And Sign up should not be successful

Examples: |firstname|lastname|mobileoremail|password | Message |   
  |Reshma |Jadhav |+1 9876543210|Desh@1234|| Enter valid email or phonenumber

|Reshma |Jadhav | @#93456 |Desh@1234|| Enter valid email or phonenumber

|Reshma |Jadhav | #$ADHH |Desh@1234|| Enter valid email or phonenumber

9. Scenario Outline: Test for valid phone number

Given The Sign Up form is open  
When enter "<firstname>","<lastname>","<newpassword>",

And Select month as “nov” day as “7” year as “1991” from birthday dropdown

And Choose “male” from gender

And Enter "<mobileoremail>" with valid country code, Click Sign Up button

And Enter "<mobileoremail>" with valid numeric number, Click Sign Up button

Then User should get the “<Message>”

And User should be able to sign up

Examples |firstname|lastname|mobileoremail|password | Message |   
  |Reshma |Jadhav |+49159067794|Desh@1234|| Enter valid email or phonenumber

|Reshma |Jadhav | 9856675678 |Desh@1234|| Enter valid email or phonenumber

10. Scenario Outline: Test for invalid password

Given The Sign Up form is open  
When enter "<firstname>","<lastname>","<mobileoremail>"

And Select month as “nov” day as “7” year as “1991” from birthday dropdown

And Choose “male” from gender

And Enter "<newpassword>" less than 8 characters Click Sign Up button

And Enter "<newpassword>" more than 16 characters Click Sign Up button

And Enter "<newpassword>" between 8 to 16 characters but non-alphanumeric, Click Sign Up button

And Enter "<newpassword>" alphanumeric password between 8 to 16 characters but without special character, Click Sign Up button

And Enter "<newpassword>" 8 character, alphanumeric, with special character but all small caps, Click Sign Up Then User should get the warning “<Message>”

And Sign Up should not be successful

Examples |firstname|lastname|mobileoremail|password | Message |   
  |Reshma |Jadhav |9876543210|Desh@12 | enter a valid password |

|Reshma |Jadhav |9876543210|Desh@123422gfjhgh5uhjj | enter a valid password|

|Reshma |Jadhav |9876543210|HelloWorld| enter a valid password|

|Reshma |Jadhav |9876543210|HelloWorld123| enter a valid password|

|Reshma |Jadhav |9876543210| desh@12456 | enter a valid password|

11. Scenario Outline: Test for valid password

Given The Sign Up form is open  
When enter "<firstname>","<lastname>","<mobileoremail>"

And Select month as “nov” day as “7” year as “1991” from birthday dropdown

And Choose “male” from gender

And Enter "<newpassword>" alphanumeric password between 8-16 characters and having a special character

And Click Sign Up button

Then User should get the “<Message>”

And Sign Up should be successful

Examples |firstname|lastname|mobileoremail|password | Message |   
  |Reshma |Jadhav |9876543210|Desh@12$5 | Welcome to facebook |

|Reshma |Jadhav |9876543210|HelloWo12342\*| Welcome to facebook |

12. Scenario: Test for invalid Birthday/Age (Account should be blocked for person with age less than 13)

Given The Sign Up form is open  
When enter "<firstname>","<lastname>","<mobileoremail>","<newpassword>".

And Choose “male” from gender

And Select month as “Nov” day as “7” year as “2011” from birthday dropdown

And Click Sign Up button

And Enter age as “12”, click Sign Up button

Then User should get the “<Message>”

And User account should be blocked

13. Scenario: Test for Birthday functionality (valid/invalid inputs)

Given User details except birthday is filled  
When Enter "<month>","<day>","<year>"

And Select month between Jan to Dec

And Select day between 1 to 31

And Select month in 2 digits, year in 4 digit format

Then User should get the “<Message>”

And Verify day, month and year accepts only predefined dates

Then User should get the “<Message>”

And Try to enter undefined dates

Then User should not be able to enter any other input

When User enters selects leap year date

Then User should be signed up when its leap year

Examples |month |day |year |Message |  
  |Jan | 1 |2000 |Welcome to Facebook|

|Dec | 31 |2022  |Welcome to Facebook|

|test | 32 |002  |enter valid date |

|Feb | 29 |2024  |Welcome to Facebook|

14. Scenario: UI functionality -Test the tab functionality, Enter Button, various fields for cursor

Given The Sign Up form is open  
When Press tab button.

Then It should navigate between the fields.

When tab is on Sign-Up button, press Enter key

Then User should signed up

When Cursor is on text fields

Then verify it is ⌶

When Cursor is on buttons

Then It should be a hand pointer

15. Scenario: UI functionality -Test all buttons, radio buttons, dropdown

Given The Sign Up form is open  
When click on sign up button.

Then it should respond by signing up or giving error

When click radio button for gender

Then it should select/enable the radio button for selected option

When Radio button option selection changed

Then previously selected option button should be disabled

When Select value from dropdown

Then Selected value should be displayed