Functional Test Scenarios

TC001_Successful_Account_Signup

Scenario: Verify That a user can successfully create a Google Account with valid Details

Preconditions: 1- User is on the Google Signup Page 2- User should have valid Phone number and have access to it

Steps:

1. Enter a Valid First Name and Last name
2. Enter a valid birth date and gender input
3. Choose a gmail adress
4. Enter Strong password
5. Put a valid phone number to phone number area
6. Check your Phone and get the code has been sent from Google
7. Add recovery email adress
8. Review your application
9. Agree to privacy terms

Expected Results:

1. Create a google account page should be displayed successfully all the input areas should be interactable and "next" button should be visible and working.
2. Birthdate and Gender page should be displayed successfully all the input areas should be interactable and "next" button should be visible and working.
3. All options should be choseable and when you click to choose your own adress button, new text area should be appear. "next" button should be visible and working.
4. Password area should be displayed succesfully, confirm password are should be displayed and "show password" checkbox should work. and "next" button should be visible.
5. Phone number page should be displayed "next" button should be visible and working.
6. You should have get the sms directly and sms should contain security code in it, also "new code" option should be enabled after 30 seconds. "next" button should be visible and working
7. Add Recovery email Page should be displayed successfully "Skip" and "next" buttons should be available and clickable
8. Rewiev your account page should be displayed successfully all the data should match with your inputs
9. Privacy page should be displayed and "I agree" and "Cancel buttons should be visible and clickable
10. I agree button should redirects you to account page and Account should created successfully.

Functional Test Scenarios

TC002_Gmail_Adress_Already_Exists

Scenario: Verify That a user can not create account with already registered gmail adress.

Preconditions: 1- User is on the Google Signup Page 2- User should have another gmail adress.

Steps:

1. Enter a Valid First Name and Last name
2. Enter a valid birth date and gender input
3. Click to choose my own adress option
4. Write your already registered email

Expected Results:

1. Create a google account page should be displayed successfully all the input areas should be interactable and "next" button should be visible and working.
2. Birthdate and Gender page should be displayed successfully all the input areas should be interactable and "next" button should be visible and working.
3. All options should be choseable and when you click to choose your own adress button, new text area should be appear. "next" button should be visible and working.
4. When you put your already registered email adress , email **allready exist** error should appear.

Functional Test Scenarios

TC003_Weak_Password

Scenario: Verify That a user can not create account with weak password.

Preconditions: 1- User is on the Google Signup Page 2- User should have valid Phone number and have access to it

Steps:

1. Enter a Valid First Name and Last name
2. Enter a valid birth date and gender input
3. Choose a gmail adress
4. Enter fatih22 as a password

Expected Results:

1. Create a google account page should be displayed successfully all the input areas should be interactable and "next" button should be visible and working.
2. Birthdate and Gender page should be displayed successfully all the input areas should be interactable and "next" button should be visible and working.
3. All options should be choseable and when you click to choose your own adress button, new text area should be appear. "next" button should be visible and working.
4. Password area should be displayed succesfully, confirm password are should be displayed and "show password" checkbox should work. and "next" button should be visible.
5. There should be **error message displayed** about the weak passwords.

Non-Functional Test Scenarios

Performance Testing

Scenario: Measure the response time of the signup page under normal and peak traffic conditions.

- **Expected Result:** The page should load within acceptable time limits, and the form submission should not cause delays.

Usability Testing

Scenario: Evaluate the user experience of the signup process.

- **Expected Result:** The signup process should be easy to navigate, error messages should be clear, and form fields should provide helpful suggestions where necessary.

UI Responsiveness Testing

Scenario: Ensure that the Google signup page is responsive and functions correctly on different screen sizes.

- **Expected Result:** The form should be properly aligned, all fields should be visible, and the page should adjust correctly on desktop, tablet, and mobile views without layout breaking issues.

Error Message Validation

Scenario: Verify that error messages are clear, user-friendly, and do not expose sensitive system details.

- **Expected Result:** Error messages should be concise and descriptive (e.g., "Invalid email format" instead of generic "Error occurred"). They should guide the user in correcting input errors without revealing system-level details.