Name	Gaurav Kumar
Section	22MCD-1
Group	A
Date of experiment	18-02-2023
Object Type	Website
Link/URL	https://mail.google.com/
Number of Test Cases	20
Mannual/Automatic	Mannual

	Description	Test Step/Test Procedure	Expected Result	Actual Result	Pass/Fail
UI TESTING	Email validation	1. Enter an invalid email address format in the "Email" field. 2. Click "Next".	An error message appears indicating that the email address is invalid.	An error message appears indicating that the email address is invalid.	**Pass**
	Password validation	Enter a weak password in the "Password" field.	An error message appears indicating that the password is weak and needs to be stronger.	An error message appears indicating that the password is weak and needs to be stronger.	**Pass**
	Phone validation	Enter an invalid phone number format in the "Phone" field.	An error message appears indicating that the phone number is invalid.	An error message appears indicating that the phone number is invalid.	**Pass**
	Country selection	1. Click on the "Country" dropdown menu. 2. Select a country from the list.	The selected country appears in the "Country" field.	The selected country appears in the "Country" field.	**Pass**
	Gender selection	1. Click on the "Gender" dropdown menu. 2. Select a gender option.	The selected gender appears in the "Gender" field.	The selected gender appears in the "Gender" field.	**Pass**
	Date of birth selection	1. Click on the "Date of birth" field. 2. Select a date from the calendar popup.	The selected date appears in the "Date of birth" field.	The selected date appears in the "Date of birth" field.	**Pass**
	Terms of Service acceptance	1. Read the "Terms of Service" agreement. 2. Check the box indicating acceptance of the terms.	The user is taken to the next step in the signup process.	The user is taken to the next step in the signup process.	**Pass**
	Accessibility test	Attempt to navigate the signup page using only the keyboard.	The signup page is fully accessible using only the keyboard.	The signup page is fully accessible using only the keyboard.	**Pass**

	Description	Test Step/Test Procedure	Expected Result	Actual Result	Pass/Fail
FUNCTIONAL TESTING	Email uniqueness	Enter an email address that has already been used to create a Gmail account in the "Email" field.	An error message appears indicating that the email address is already in use and cannot be used again.	An error message appears indicating that the email address is already in use and cannot be used again.	**Pass**
	Phone number uniqueness	Enter a phone number that has already been used to create a Gmail account in the "Phone" field.	An error message appears indicating that the phone number is already in use and cannot be used again.	An error message appears indicating that the phone number is already in use and cannot be used again.	**Pass**
	Password strength	Enter a password that meets the minimum strength requirements in the "Password"	The password is accepted and the user is taken to the next step in the signup process.	The password is accepted and the user is taken to the next step in the signup process.	**Pass**
	Country and language consistency	1. Select a country from the "Country" dropdown menu. 2. Verify that the language on the page changes to the language of the selected country.	The language on the page changes to the language of the selected country.	The language on the page changes to the language of the selected country.	**Pass**
	Gender specificity	1. Select a gender option from the "Gender" dropdown menu. 2. Verify that the rest of the signup process is tailored to the selected gender.	The rest of the signup process is tailored to the selected gender.	The rest of the signup process is tailored to the selected gender.	**Pass**

	Date of birth validation	1. Enter a date of birth that makes the user ineligible for a Gmail account (e.g. under 13 years old). 2. Click "Next".	An error message appears indicating that the user is ineligible for a Gmail account.	An error message appears indicating that the user is ineligible for a Gmail account.	**Pass**
	Terms of Service understanding	1. Read the "Terms of Service" agreement. 2. Verify that the user fully understands the terms before accepting.	The user fully understands the terms before accepting.	The user fully understands the terms before accepting.	**Pass**
	Sign up completion	1. Complete all required fields on the signup page. 2. Click "Submit" or "Create Account".	The user is successfully signed up for a Gmail account and is taken to the inbox.	The user is successfully signed up for a Gmail account and is taken to the inbox.	**Pass**

NEGATIVE TESTING	Invalid email format	Enter an invalid email address format (e.g. missing '@' symbol) in the "Email" field.	An error message appears indicating that the email format is invalid and cannot be used.	An error message appears indicating that the email format is invalid and cannot be used.	**Pass**
	Invalid phone number format	Enter an invalid phone number format (e.g. missing country code) in the "Phone"	An error message appears indicating that the phone number format is invalid and cannot be used.	An error message appears indicating that the phone number format is invalid and cannot be used.	**Pass**
	Inconsistent password confirmation	1. Enter a password in the "Password" field. 2. Enter a different password in the "Confirm password" field.	An error message appears indicating that the passwords do not match and the confirmation password must be the same as the original password.	An error message appears indicating that the passwords do not match and the confirmation password must be the same as the original password.	**Pass**
	Captcha error	Fail the Captcha verification test by incorrectly identifying images or text.	An error message appears indicating that the Captcha verification failed and must be completed successfully before proceeding with the signup process.	An error message appears indicating that the Captcha verification failed and must be completed successfully before proceeding with the signup process.	**Pass**