**Practical No :-**

**Test case name:-** Design test cases for google account login.

**Objective :** This Projects Aims to test different feature of google account login

(having username, password) .

Different testing methods and level of testing are use to test a google account login.

The testing will be conducted on both hardware and software .

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| Test Case Template | |
|  | Test Designed by: Rutuja Manekar |
| Test Priority ( Low/Medium/High) : Medium | Test Designed Date:26/10/2023 |
| Google account login | Test Executed by :Rutuja Manekar |
|  | Test Execution Date:26/10/2023 |
| **Test Title** : To test whether google account login function properly or not . | |
| **Description** : Test different feature of google account login such username, password and so on. | |

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| **Sr No** | **Test Feature** | **Test Steps** | **Expected Result** | **Actual Result** | **Status P/F** |
| 1 | Valid Username and Password | 1.Enter a valid username and password and  2. click the login button | Redirect to the user's dashboard | Redirect to the user's dashboard |  |
| 2 | Invalid Username | 1.Enter an invalid username and a valid password and  2. click the login button | Display an error message | Display an error message |  |
| 3 | Invalid Password | 1.Enter a valid username and an invalid password and 2.click the login button | Display an error message | Display an error message |  |
| 4 | Empty Username Field | 1.Leave the username field empty and enter a valid password and 2.click the login button | Display an error message | Display an error message |  |
| 5 | Empty Password Field | 1.Enter a valid username and leave the password field empty and  2.click the login button | Display an error message | Display an error message |  |
| 6 | Case Sensitivity | 1.Enter a valid username in uppercase letters and the corresponding password in lowercase letters and  2.click the login button | Redirect to the user's dashboard | Redirect to the user's dashboard |  |
| 7 | Forgot Password Link | Click on the "Forgot Password" link and follow the steps to reset the password | Receive a password reset email | Receive a password reset email |  |
| 8 | Two-Step Verification | Enable two-step verification for the account and try to log in | Be prompted for a verification code | Be prompted for a verification code |  |
| 9 | CAPTCHA Verification | Enter incorrect login information multiple times and try to log in | Be prompted with a CAPTCHA | Be prompted with a CAPTCHA |  |
| 10 | Account Recovery Email | Enter an email address associated with the account and request account recovery | Receive an email with recovery instructions | Receive an email with recovery instructions |  |
| **Sr No** | **Test Feature** | **Test Steps** | **Expected Result** | **Actual Result** | **Status P/F** |
| 11 | Account Recovery Phone | Enter a phone number associated with the account and request account recovery | Receive an SMS with recovery instructions | Receive an SMS with recovery instructions |  |
| 12 | Social Media Login | Attempt to log in using a social media account (e.g., Google, Facebook) | Redirect to the respective social media site | Redirect to the respective social media site |  |
| 13 | Account Lockout | Enter incorrect login information multiple times exceeding the allowed attempts | Account is temporarily locked | Account is temporarily locked |  |
| 14 | Concurrent Sessions | Log in from multiple devices/browsers simultaneously with the same credentials | Maintain separate sessions for each device | Maintain separate sessions for each device |  |
| 15 | Remember Me Option | Log in with the "Remember Me" option checked and close the browser | Open the browser and remain logged in | Open the browser and remain logged in |  |
| 16 | Session Timeout | Log in and leave the session idle for a specified period of time | Be automatically logged out due to inactivity | Be automatically logged out due to inactivity |  |
| 17 | Login via Google App | Attempt to log in using the Google mobile app | Redirect to the app's dashboard | Redirect to the app's dashboard |  |
| 18 | Biometric Login | Enable biometric login (fingerprint/face recognition) and attempt to log in | Successfully log in using biometrics | Successfully log in using biometrics |  |
| 19 | Multifactor Authentication | Enable multiple factors of authentication (e.g., SMS and email) and log in | Successfully log in with multifactor authentication | Successfully log in with multifactor authentication |  |
| 20 | Logout | Log in, then click on the logout button and try to access a restricted page | Be redirected to the login page | Be redirected to the login page |  |