VWO Login Module — Test Cases

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| Test Case ID | Scenario | Steps | Expected Result | Type |
| TC01 | Login with valid credentials | 1. Open login page 2. Enter valid email and password 3. Click Login | User is redirected to dashboard | Positive |
| TC02 | SSO Login | 1. Click "Login with SSO" 2. Enter valid org email 3. Authenticate via provider | User is logged in via SSO and taken to dashboard | Positive |
| TC03 | Remember Me works | 1. Check "Remember Me" 2. Login 3. Close and reopen browser | User session is restored or auto-login happens | Positive |
| TC04 | Password input is masked | 1. Enter password 2. Observe input field | Password is hidden (••••) | Positive |
| TC05 | Show password toggle works | 1. Click show/hide icon after entering password | Password toggles visibility correctly | Positive |
| TC06 | Login with incorrect password | 1. Enter valid email and incorrect password 2. Click Login | Error message: "Incorrect email or password" | Negative |
| TC07 | Login with blank fields | 1. Click Login without entering anything | Validation messages shown for required fields | Negative |
| TC08 | Login with invalid email format | 1. Enter "user@vwo" and password 2. Click Login | Error: "Please enter a valid email" | Negative |
| TC09 | Login with unregistered user | 1. Enter unknown email and any password 2. Click Login | Error message: "Incorrect email or password" | Negative |
| TC10 | Attempt login after 5 failures | 1. Enter wrong creds 5 times 2. Retry login | User is rate limited or CAPTCHA shown | Negative |
| TC11 | Session timeout | 1. Login 2. Wait until timeout 3. Try using the app | User is redirected to login screen with timeout message | Negative |
| TC12 | SQL injection attempt in email | 1. Enter "admin@vwo.com' OR 1=1--" and any password 2. Click Login | Login fails; error message is generic; input is sanitized | Negative |