

Playwright Automation Report

Executed 2/9/2026, 3:47:50 AM

Authored by Automation Bot • Build local • Environment local

Duration 1m 33s

Test Scope & Objectives

Objectives

- Validate end-to-end user journeys
- Ensure regression stability for critical flows

Data Sets

- Synthetic test data
- Seeded accounts

Pass / Fail Criteria

- All P0/P1 cases pass
- No critical regressions filed

Risks & Alignment

Supports release readiness and CI quality gates

- Flaky network environments
- 3rd party dependencies

Execution Summary

Total Tests

7

Passed

7

100%

Failed

0

0%

Skipped

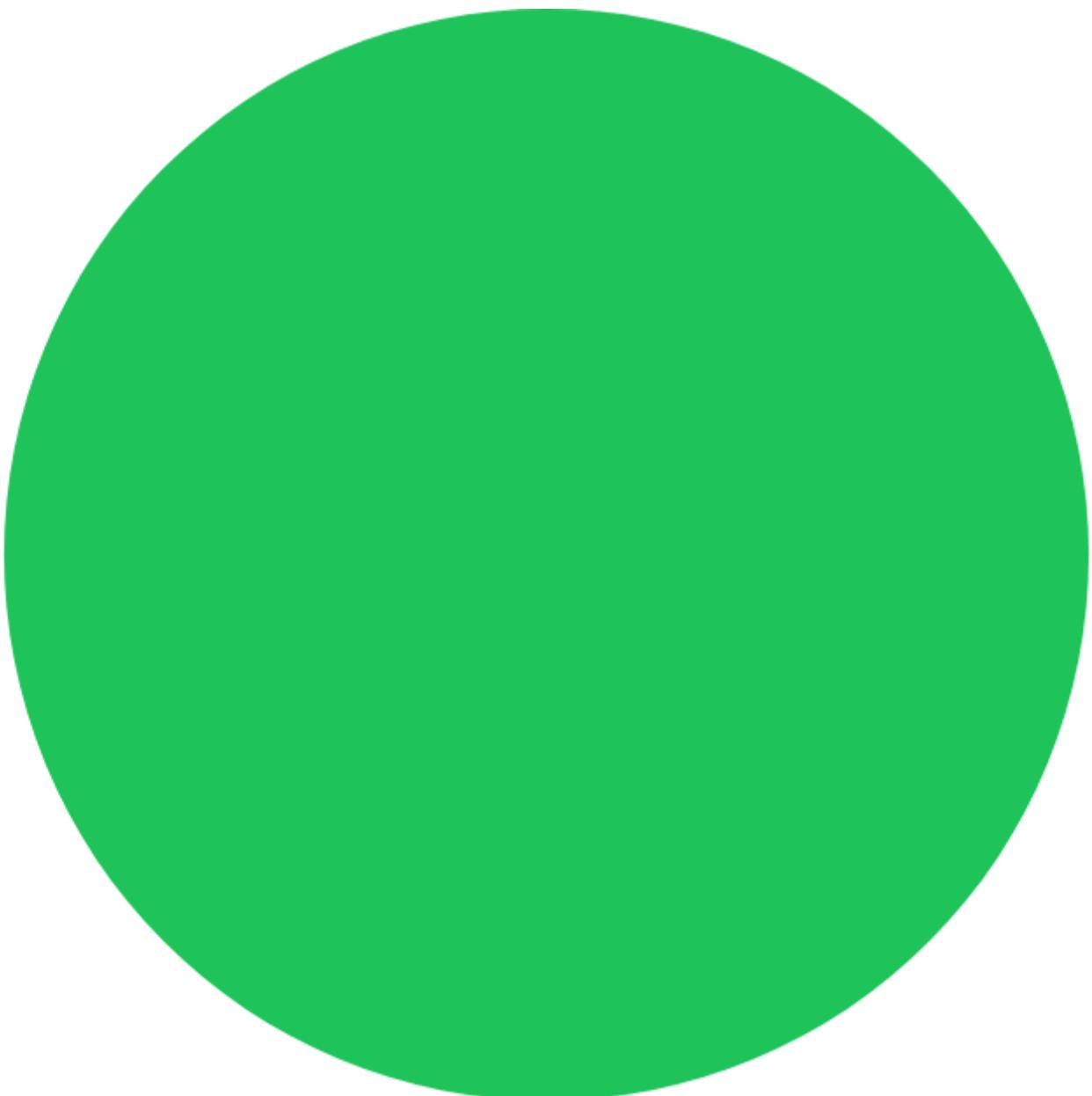
0

0%

Flaky

0

0%



Build / Environment Details

Build: local

Release: rolling

Project: default

Automation Metrics

Coverage

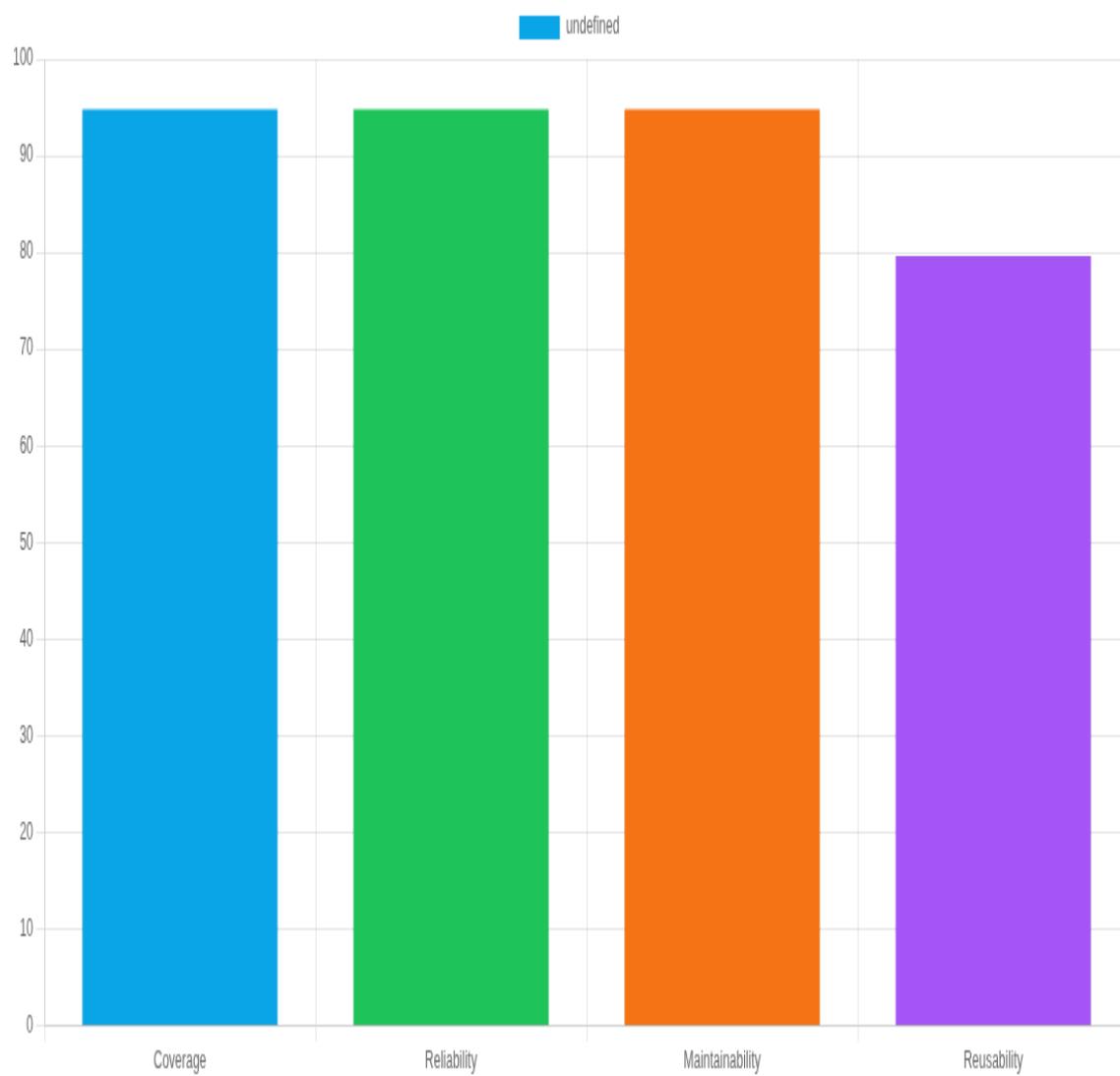
Reliability

100%

100%

Maintainability

100%



Test Case Details

TEST	STATUS	DURATION
Ingresá usuario válido › Chromium-Desktop › login.spec.ts › Login exitoso @login › Ingresá usuario válido	Passed	9s
▼ Steps		

TEST**STATUS****DURATION**

- Launch browser (pw:api) 0s
- Create context (pw:api) 0s
- Create page (pw:api) 0s
- Navegar a la página de login (test.step) 3s
 - ↳ Navigate to "/" (pw:api) 1s
 - ↳ Wait for load state "networkidle" (pw:api) 1s
 - ↳ Wait for selector locator('input[name="username"]') (pw:api) 0s
 - ↳ Wait for load state "load" (pw:api)
 - ↳ Screenshot (pw:api) 0s
- Ingresar usuario válido (test.step) 0s
 - ↳ Wait for selector locator('input[name="username"]') (pw:api) 0s
 - ↳ Expect "toBeEditable" locator('input[name="username"]') (expect) 0s
 - ↳ Fill "Admin" locator('input[name="username"]') (pw:api) 0s
 - ↳ Wait for load state "load" (pw:api)
 - ↳ Screenshot (pw:api) 0s
- Ingresar contraseña válida (test.step) 0s
 - ↳ Wait for selector locator('input[name="password"]') (pw:api) 0s
 - ↳ Expect "toBeEditable" locator('input[name="password"]') (expect) 0s
 - ↳ Fill "admin123" locator('input[name="password"]') (pw:api) 0s
 - ↳ Wait for load state "load" (pw:api)
 - ↳ Screenshot (pw:api) 0s
- Hacer click en Login (test.step) 0s
 - ↳ Wait for selector locator('button[type="submit"]') (pw:api) 0s
 - ↳ Click locator('button[type="submit"]') (pw:api) 0s
 - ↳ Wait for load state "load" (pw:api)
 - ↳ Screenshot (pw:api) 0s
- Validar que se redirige al Dashboard (test.step) 3s
 - ↳ Wait for selector locator('.oxd-topbar-header-title h6') (pw:api) 1s
 - ↳ Expect "toBe" (expect)
 - ↳ Expect "toContain" (expect)
 - ↳ Wait for load state "load" (pw:api)
 - ↳ Screenshot (pw:api) 0s
- Launch browser (pw:api) 0s
- Create context (pw:api) 0s
- Create page (pw:api) 0s
- Set content (pw:api) 0s
- PDF (pw:api) 0s
- Close browser (pw:api) 0s
- Close context (pw:api) 0s

Escenario: Credenciales inválidas

> Chromium-Desktop > login.spec.ts > Ingresar credenciales incorrectas @login > Escenario: Credenciales inválidas

Passed

9s

▼ Steps

- Create context (pw:api) 0s
- Create page (pw:api) 0s
- Navegar a la página de login (test.step) 2s
 - ↳ Navigate to "/" (pw:api) 1s

TEST	STATUS	DURATION
<ul style="list-style-type: none"> ↳ Wait for load state "networkidle" (pw:api) 1s ↳ Wait for selector locator('input[name="username"]') (pw:api) 0s ↳ Wait for load state "load" (pw:api) ↳ Screenshot (pw:api) 0s 		
<ul style="list-style-type: none"> ● Intentar login con: UserNameErroneo12345 / PwdErroneo12345 (test.step) 1s ↳ Wait for selector locator('input[name="username"]') (pw:api) 0s ↳ Expect "toBeEditable" locator('input[name="username"]') (expect) 0s ↳ Fill "UserNameErroneo12345" locator('input[name="username"]') (pw:api) 0s ↳ Wait for selector locator('input[name="password"]') (pw:api) 0s ↳ Expect "toBeEditable" locator('input[name="password"]') (expect) 0s ↳ Fill "PwdErroneo12345" locator('input[name="password"]') (pw:api) 0s ↳ Wait for selector locator('button[type="submit"]') (pw:api) 0s ↳ Click locator('button[type="submit"]') (pw:api) 0s ↳ Wait for load state "load" (pw:api) ↳ Screenshot (pw:api) 1s 		
<ul style="list-style-type: none"> ● Validar respuesta del sistema y bloqueo de acceso (test.step) 2s ↳ Wait for selector locator('.oxd-alert-content-text') (pw:api) 0s ↳ Expect "toBe" (expect) ↳ Validar que el sistema deniega el acceso (test.step) 1s ! Wait for selector locator('.oxd-topbar-header-title h6') (pw:api) 1s <ul style="list-style-type: none"> · Expect "toBe" (expect) · Wait for load state "load" (pw:api) · Screenshot (pw:api) 0s ↳ Expect "not toContain" (expect) 0s ↳ Wait for load state "load" (pw:api) ↳ Screenshot (pw:api) 0s 		
<ul style="list-style-type: none"> ● Launch browser (pw:api) 0s ● Create context (pw:api) 0s ● Create page (pw:api) 0s ● Set content (pw:api) 0s ● PDF (pw:api) 0s ● Close browser (pw:api) 0s ● Close context (pw:api) 0s 		

Escenario: Usuario requerido

› Chromium-Desktop › login.spec.ts › Ingresar credenciales incorrectas @login › Escenario: Usuario requerido Passed 8s

▼ Steps

<ul style="list-style-type: none"> ● Create context (pw:api) 0s ● Create page (pw:api) 0s ● Navegar a la página de login (test.step) 3s
<ul style="list-style-type: none"> ↳ Navigate to "/" (pw:api) 1s ↳ Wait for load state "networkidle" (pw:api) 1s ↳ Wait for selector locator('input[name="username"]') (pw:api) 0s ↳ Wait for load state "load" (pw:api) ↳ Screenshot (pw:api) 0s
<ul style="list-style-type: none"> ● Intentar login con: vacío / admin123 (test.step) 0s ↳ Wait for selector locator('input[name="password"]') (pw:api) 0s ↳ Expect "toBeEditable" locator('input[name="password"]') (expect) 0s ↳ Fill "admin123" locator('input[name="password"]') (pw:api) 0s

TEST	STATUS	DURATION
<ul style="list-style-type: none"> ↳ Wait for selector locator('button[type="submit"]') (pw:api) 0s ↳ Click locator('button[type="submit"]') (pw:api) 0s ↳ Wait for load state "load" (pw:api) ↳ Screenshot (pw:api) 0s 		
<ul style="list-style-type: none"> ● Valida respuesta del sistema y bloqueo de acceso (test.step) 1s ↳ Wait for selector locator('div.oxd-input-group').filter({ has: locator('input[name="username"]') }).locator('.oxd-input-field-error-message') (pw:api) 0s ↳ Expect "toBe" (expect) 0s ↳ Valida que el sistema deniega el acceso (test.step) 1s ! Wait for selector locator('.oxd-topbar-header-title h6') (pw:api) 1s · Expect "toBe" (expect) · Wait for load state "load" (pw:api) 0s · Screenshot (pw:api) 0s 		
<ul style="list-style-type: none"> ↳ Expect "not toContain" (expect) ↳ Wait for load state "load" (pw:api) 0s ↳ Screenshot (pw:api) 0s 		
<ul style="list-style-type: none"> ● Launch browser (pw:api) 0s ● Create context (pw:api) 0s ● Create page (pw:api) 0s ● Set content (pw:api) 0s ● PDF (pw:api) 0s ● Close browser (pw:api) 0s ● Close context (pw:api) 0s 		

Escenario: Password requerido

› Chromium-Desktop › login.spec.ts › Ingresar credenciales incorrectas @login › Escenario: Password requerido Passed 7s

▼ Steps

<ul style="list-style-type: none"> ● Create context (pw:api) 0s ● Create page (pw:api) 0s ● Navegar a la página de login (test.step) 2s ↳ Navigate to "/" (pw:api) 1s ↳ Wait for load state "networkidle" (pw:api) 1s ↳ Wait for selector locator('input[name="username"]') (pw:api) 0s ↳ Wait for load state "load" (pw:api) 0s ↳ Screenshot (pw:api) 0s 		
<ul style="list-style-type: none"> ● Intentar login con: Admin / vacío (test.step) 0s ↳ Wait for selector locator('input[name="username"]') (pw:api) 0s ↳ Expect "toBeEditable" locator('input[name="username"]') (expect) 0s ↳ Fill "Admin" locator('input[name="username"]') (pw:api) 0s ↳ Wait for selector locator('button[type="submit"]') (pw:api) 0s ↳ Click locator('button[type="submit"]') (pw:api) 0s ↳ Wait for load state "load" (pw:api) ↳ Screenshot (pw:api) 0s 		
<ul style="list-style-type: none"> ● Valida respuesta del sistema y bloqueo de acceso (test.step) 1s ↳ Wait for selector locator('div.oxd-input-group').filter({ has: locator('input[name="password"]') }).locator('.oxd-input-field-error-message') (pw:api) 0s ↳ Expect "toBe" (expect) ↳ Valida que el sistema deniega el acceso (test.step) 1s ! Wait for selector locator('.oxd-topbar-header-title h6') (pw:api) 1s 		

TEST	STATUS	DURATION
<ul style="list-style-type: none"> · Expect "toBe" (expect) · Wait for load state "load" (pw:api) 0s · Screenshot (pw:api) 0s ↳ Expect "not toContain" (expect) ↳ Wait for load state "load" (pw:api) ↳ Screenshot (pw:api) 0s ● Launch browser (pw:api) 0s ● Create context (pw:api) 0s ● Create page (pw:api) 0s ● Set content (pw:api) 0s ● PDF (pw:api) 0s ● Close browser (pw:api) 0s ● Close context (pw:api) 0s 		

Escenario: Campos vacíos

› Chromium-Desktop › login.spec.ts › Ingresar credenciales incorrectas @login › Escenario: Campos vacíos

Passed

7s

▼ Steps

- Create context (pw:api) 0s
- Create page (pw:api) 0s
- Navegar a la página de login (test.step) 2s
 - ↳ Navigate to "/" (pw:api) 1s
 - ↳ Wait for load state "networkidle" (pw:api) 1s
 - ↳ Wait for selector locator('input[name="username"]') (pw:api) 0s
 - ↳ Wait for load state "load" (pw:api)
 - ↳ Screenshot (pw:api) 0s
- Intentar login con: vacío / vacío (test.step) 0s
 - ↳ Wait for selector locator('button[type="submit"]') (pw:api) 0s
 - ↳ Click locator('button[type="submit"]') (pw:api) 0s
 - ↳ Wait for load state "load" (pw:api) 0s
 - ↳ Screenshot (pw:api) 0s
- Validar respuesta del sistema y bloqueo de acceso (test.step) 1s
 - ↳ Wait for selector locator('div.oxd-input-group').filter({ has: locator('input[name="username"]') }).locator('.oxd-input-field-error-message') (pw:api) 0s
 - ↳ Expect "toBe" (expect)
 - ↳ Wait for selector locator('div.oxd-input-group').filter({ has: locator('input[name="password"]') }).locator('.oxd-input-field-error-message') (pw:api) 0s
 - ↳ Expect "toBe" (expect)
 - ↳ Validar que el sistema deniega el acceso (test.step) 1s
 - ! Wait for selector locator('.oxd-topbar-header-title h6') (pw:api) 1s
 - Expect "toBe" (expect)
 - Wait for load state "load" (pw:api)
 - Screenshot (pw:api) 0s
 - ↳ Expect "not toContain" (expect)
 - ↳ Wait for load state "load" (pw:api)
 - ↳ Screenshot (pw:api) 0s
- Launch browser (pw:api) 0s
- Create context (pw:api) 0s
- Create page (pw:api) 0s
- Set content (pw:api) 0s

TEST

STATUS

DURATION

- PDF (pw:api) 0s
- Close browser (pw:api) 0s
- Close context (pw:api) 0s

Accede a My Info y valida el encabezado Personal Details

> Chromium-Desktop > My-Info.spec.ts > Acceso a My Info @myinfo > Accede a My Info y valida el encabezado Personal Details

Passed

19s

▼ Steps

- Create context (pw:api) 0s
- Create page (pw:api) 0s
- Navegar a la página de login (test.step) 4s
 - ↳ Navigate to "/" (pw:api) 2s
 - ↳ Wait for load state "networkidle" (pw:api) 2s
 - ↳ Wait for selector locator('input[name="username"]') (pw:api) 0s
 - ↳ Wait for load state "load" (pw:api)
 - ↳ Screenshot (pw:api) 0s
- Iniciar sesión con credenciales válidas (test.step) 0s
 - ↳ Wait for selector locator('input[name="username"]') (pw:api) 0s
 - ↳ Expect "toBeEditable" locator('input[name="username"]') (expect) 0s
 - ↳ Fill "Admin" locator('input[name="username"]') (pw:api) 0s
 - ↳ Wait for selector locator('input[name="password"]') (pw:api) 0s
 - ↳ Expect "toBeEditable" locator('input[name="password"]') (expect) 0s
 - ↳ Fill "admin123" locator('input[name="password"]') (pw:api) 0s
 - ↳ Wait for selector locator('button[type="submit"]') (pw:api) 0s
 - ↳ Click locator('button[type="submit"]') (pw:api) 0s
 - ↳ Wait for load state "load" (pw:api)
 - ↳ Screenshot (pw:api) 0s
- Valida que el menú lateral esté completo (test.step) 3s
 - ↳ Wait for selector locator('.oxd-sidepanel-body') (pw:api) 3s
 - ↳ Expect "toBe" (expect) 0s
 - ↳ Wait for load state "load" (pw:api)
 - ↳ Screenshot (pw:api) 0s
- Filtrar el menú lateral buscando "My Info" (test.step) 0s
 - ↳ Wait for selector locator('.oxd-main-menu-search input') (pw:api) 0s
 - ↳ Expect "toBeEditable" locator('.oxd-main-menu-search input') (expect) 0s
 - ↳ Fill "My Info" locator('.oxd-main-menu-search input') (pw:api) 0s
 - ↳ Wait for timeout (pw:api) 0s
 - ↳ Wait for load state "load" (pw:api)
 - ↳ Screenshot (pw:api) 0s
- Hacer clic en la opción filtrada de My Info (test.step) 4s
 - ↳ Wait for selector locator('a[href*="pim/viewMyDetails"]') (pw:api) 0s
 - ↳ Click locator('a[href*="pim/viewMyDetails"]') (pw:api) 4s
 - ↳ Wait for load state "load" (pw:api) 0s
 - ↳ Screenshot (pw:api) 0s
- Validar que se muestra el encabezado Personal Details (test.step) 1s
 - ↳ Wait for selector locator('.orangehrm-edit-employee-content h6').first() (pw:api) 1s
 - ↳ Expect "toBe" (expect)

TEST

STATUS

DURATION

- ↳ Wait for load state "load" (pw:api)
- ↳ Screenshot (pw:api) 0s
- Launch browser (pw:api) 0s
- Create context (pw:api) 0s
- Create page (pw:api) 0s
- Set content (pw:api) 0s
- PDF (pw:api) 0s
- Close browser (pw:api) 0s
- Close context (pw:api) 0s

Agregar y guardar la información de Personal Details

› Chromium-Desktop › My-Info.spec.ts › Llenado de información de Personal Details @myinfo › Agregar y guardar la información de Personal Details

Passed

30s

▼ Steps

- Create context (pw:api) 0s
- Create page (pw:api) 0s
- Navegar a la página de login (test.step) 4s
 - ↳ Navigate to "/" (pw:api) 3s
 - ↳ Wait for load state "networkidle" (pw:api) 1s
 - ↳ Wait for selector locator('input[name="username"]') (pw:api) 0s
 - ↳ Wait for load state "load" (pw:api)
 - ↳ Screenshot (pw:api) 0s
- Iniciar sesión con credenciales válidas (test.step) 0s
 - ↳ Wait for selector locator('input[name="username"]') (pw:api) 0s
 - ↳ Expect "toBeEditable" locator('input[name="username"]') (expect) 0s
 - ↳ Fill "Admin" locator('input[name="username"]') (pw:api) 0s
 - ↳ Wait for selector locator('input[name="password"]') (pw:api) 0s
 - ↳ Expect "toBeEditable" locator('input[name="password"]') (expect) 0s
 - ↳ Fill "admin123" locator('input[name="password"]') (pw:api) 0s
 - ↳ Wait for selector locator('button[type="submit"]') (pw:api) 0s
 - ↳ Click locator('button[type="submit"]') (pw:api) 0s
 - ↳ Wait for load state "load" (pw:api)
 - ↳ Screenshot (pw:api) 0s
- Navegar a la sección My Info (test.step) 13s
 - ↳ Wait for selector locator('a[href*="pim/viewMyDetails"]') (pw:api) 7s
 - ↳ Click locator('a[href*="pim/viewMyDetails"]') (pw:api) 4s
 - ↳ Wait for selector locator('.orangehrm-edit-employee-content h6').first() (pw:api) 1s
 - ↳ Expect "toBe" (expect)
 - ↳ Wait for load state "load" (pw:api) 0s
 - ↳ Screenshot (pw:api) 0s
- Llenar el apartasdo Employee Full Name (test.step) 2s
 - △ Wait for selector locator('.orangehrm-paper-container .oxd-loading-spinner-container') (pw:api) 2s
 - ↳ Wait for selector locator('.orangehrm-paper-container .oxd-loading-spinner-container') (pw:api) 0s
 - ↳ Expect "toBeEditable" locator('input[name="firstName"]') (expect) 0s
 - ↳ Wait for selector locator('input[name="firstName"]') (pw:api) 0s
 - ↳ Expect "toBeEditable" locator('input[name="firstName"]') (expect) 0s
 - ↳ Wait for selector locator('input[name="firstName"]') (pw:api) 0s
 - ↳ Expect "toBeEditable" locator('input[name="firstName"]') (expect) 0s

TEST	STATUS	DURATION
<ul style="list-style-type: none"> ↳ Fill "Michelle" locator('input[name="firstName"]') (pw:api) 0s ↳ Wait for selector locator('input[name="middleName"]') (pw:api) 0s ↳ Expect "toBeEditable" locator('input[name="middleName"]') (expect) 0s ↳ Fill "QA" locator('input[name="middleName"]') (pw:api) 0s ↳ Wait for selector locator('input[name="lastName"]') (pw:api) 0s ↳ Expect "toBeEditable" locator('input[name="lastName"]') (expect) 0s ↳ Fill "Automat" locator('input[name="lastName"]') (pw:api) 0s ↳ Wait for load state "load" (pw:api) 0s ↳ Screenshot (pw:api) 0s 		
<ul style="list-style-type: none"> ● Llenar el apartado Employee Id (test.step) 0s 		
<ul style="list-style-type: none"> ↳ Wait for selector locator('.oxd-input-group').filter({ hasText: /Employee Id/ }).locator('input') (pw:api) 0s ↳ Expect "toBeEditable" locator('.oxd-input-group').filter({ hasText: /Employee Id/ }).locator('input') (expect) 0s ↳ Fill "998877" locator('.oxd-input-group').filter({ hasText: /Employee Id/ }).locator('input') (pw:api) 0s ↳ Wait for load state "load" (pw:api) 0s ↳ Screenshot (pw:api) 0s 		
<ul style="list-style-type: none"> ● Llenar el apartado Other Id (test.step) 0s 		
<ul style="list-style-type: none"> ↳ Wait for selector locator('.oxd-input-group').filter({ hasText: /Other Id/ }).locator('input') (pw:api) 0s ↳ Expect "toBeEditable" locator('.oxd-input-group').filter({ hasText: /Other Id/ }).locator('input') (expect) 0s ↳ Fill "ID-001" locator('.oxd-input-group').filter({ hasText: /Other Id/ }).locator('input') (pw:api) 0s ↳ Wait for load state "load" (pw:api) 0s ↳ Screenshot (pw:api) 0s 		
<ul style="list-style-type: none"> ● Llenar el apartado Drivers License Number (test.step) 0s 		
<ul style="list-style-type: none"> ↳ Wait for selector locator('.oxd-input-group').filter({ hasText: /Driver's License Number/ }).locator('input') (pw:api) 0s ↳ Expect "toBeEditable" locator('.oxd-input-group').filter({ hasText: /Driver's License Number/ }).locator('input') (expect) 0s ↳ Fill "DL-2026-XYZ" locator('.oxd-input-group').filter({ hasText: /Driver's License Number/ }).locator('input') (pw:api) 0s ↳ Wait for load state "load" (pw:api) 0s ↳ Screenshot (pw:api) 0s 		
<ul style="list-style-type: none"> ● Llenar el apartado License Expiry Date (test.step) 0s 		
<ul style="list-style-type: none"> ↳ Fill "2028-12-31" locator('input[placeholder="yyyy-dd-mm"], input[placeholder="yyyy-mm-dd"]').first() (pw:api) 0s ↳ Wait for load state "load" (pw:api) 0s ↳ Screenshot (pw:api) 0s 		
<ul style="list-style-type: none"> ● Seleccionar Nacionalidad (test.step) 3s 		
<ul style="list-style-type: none"> ↳ Wait for selector locator('.oxd-select-wrapper').first() (pw:api) 0s ↳ Click locator('.oxd-select-wrapper').first() (pw:api) 3s ↳ Click getByRole('option', { name: 'Mexican' }) (pw:api) 0s ↳ Wait for load state "load" (pw:api) 0s ↳ Screenshot (pw:api) 0s 		
<ul style="list-style-type: none"> ● Seleccionar Estado Civil (test.step) 0s 		
<ul style="list-style-type: none"> ↳ Wait for selector locator('.oxd-select-wrapper').nth(1) (pw:api) 0s ↳ Click locator('.oxd-select-wrapper').nth(1) (pw:api) 0s ↳ Click getByRole('option', { name: 'Single' }) (pw:api) 0s ↳ Wait for load state "load" (pw:api) 0s ↳ Screenshot (pw:api) 0s 		
<ul style="list-style-type: none"> ● Escribir Fecha de Nacimiento (test.step) 0s 		
<ul style="list-style-type: none"> ↳ Fill "1995-15-05" locator('input[placeholder="yyyy-dd-mm"], input[placeholder="yyyy-mm-dd"]').last() (pw:api) 0s ↳ Wait for load state "load" (pw:api) 0s 		

TEST	STATUS	DURATION
↳ Screenshot (pw:api) 0s		
● Seleccionar Género (test.step) 0s		
↳ Check locator('input[type="radio"]')[value="1"]) (pw:api) 0s		
↳ Wait for load state "load" (pw:api) 0s		
↳ Screenshot (pw:api) 0s		
● Hacer clic en el botón Guardar (test.step) 0s		
↳ Wait for selector locator('button[type="submit"]').first() (pw:api) 0s		
↳ Click locator('button[type="submit"]').first() (pw:api) 0s		
↳ Wait for load state "networkidle" (pw:api) 0s		
↳ Wait for load state "load" (pw:api) 0s		
↳ Screenshot (pw:api) 0s		
● Validar que se muestra un mensaje de éxito (test.step) 1s		
↳ Expect "toBeVisible" locator('.oxd-toast') (expect) 1s		
↳ Expect "toContainText" locator('.oxd-toast') (expect) 0s		
↳ Wait for load state "load" (pw:api)		
↳ Screenshot (pw:api) 0s		
● Launch browser (pw:api) 0s		
● Create context (pw:api) 0s		
● Create page (pw:api) 0s		
● Set content (pw:api) 0s		
● PDF (pw:api) 0s		
● Close browser (pw:api) 0s		
● Close context (pw:api) 0s		

Environment & Configuration

Browsers

Devices

Operating Systems

linux

PROJECT	VIEWPORT	HEADLESS
Chromium-Desktop	1280x720	true

Trends & Historical Data

Historical data not available. Provide historicalDataPath to enable trends.

Challenges & Lessons Learned

Challenges

- Intermittent latency from downstream APIs
- Maintenance of shared fixtures across suites

Lessons Learned

- Parallelizing specs reduced suite time by 30%
- Centralized test data catalog improved reusability

Recommendations

- Stabilize flaky selectors using resilient locating strategies
- Automate build health checks with PDF summaries in CI

Summary & Conclusion

Suite executed **7** cases across **0** browsers with **100%** reliability. Attach this PDF to release readiness reviews, share with stakeholders, or archive as part of CI artifacts.