## ****Common Issues & Fixes for cypress Automation****

### ****1️. Issue: PayPal UI Not Interacting Properly****

#### **✔ Fix: Ensure Cypress Handles iFrames Properly**

PayPal loads inside an **iFrame**, and Cypress needs to **access it correctly**.

#### **🔹 Solution: Use Cypress** iframe **Handling**

Install the **Cypress iframe plugin**:

npm install cypress-iframe

Then, update your test:

import 'cypress-iframe';

describe('PayPal Payment - Cypress Automation', () => {

it('Completes a PayPal payment via UI', () => {

cy.visit('https://your-ecommerce.com/checkout');

// Load PayPal iframe

cy.frameLoaded('iframe[name="paypal-checkout"]');

// Click the PayPal checkout button inside iframe

cy.iframe().find('#paypal-button').click();

// Handle PayPal login inside a new window

cy.origin('https://www.sandbox.paypal.com', () => {

cy.get('input#email').type('sandbox-buyer@example.com');

cy.get('button[type="submit"]').click();

cy.get('input#password').type('sandbox-password');

cy.get('button[type="submit"]').click();

cy.get('button#confirm-button').click();

});

// Verify success message on return

cy.get('.payment-status').should('contain', 'Payment Successful');

});

});

✅ **Why this works?**

* cy.frameLoaded() ensures **PayPal iframe is fully loaded** before interacting.
* cy.iframe() allows Cypress to **click elements inside the iframe**.
* cy.origin() lets Cypress **switch to PayPal’s domain** (sandbox.paypal.com).

### ****Issue: Cypress Blocked Due to Cross-Origin Restrictions****

#### **✔ Fix: Enable** chromeWebSecurity: false

If Cypress **blocks the PayPal redirect**, disable **Chrome web security**.

🛠 **Solution:** Add this in cypress.config.js:

export default defineConfig({

e2e: {

chromeWebSecurity: false,

},

});

✅ This allows Cypress to **handle PayPal redirects without CORS errors**.

### ****3️. Issue: Cypress Test is Too Fast for PayPal Login****

#### **✔ Fix: Add** wait() **Between Steps**

If the test **fails before PayPal loads**, add **delays**:

cy.wait(5000); // Wait for PayPal to load

🔹 **Example Fix:**

cy.get('input#email').type('sandbox-buyer@example.com');

cy.wait(2000); // Let PayPal process

cy.get('button[type="submit"]').click();

### ****4️. Issue: PayPal Window Opens in a New Tab****

#### **✔ Fix: Force PayPal to Open in Same Tab**

By default, PayPal **opens in a new tab**, but Cypress doesn’t support multiple tabs.  
To **force it to open in the same tab**, modify your site’s code:

window.open = function(url) {

window.location.href = url;

};

✅ **If you can’t modify the code**, use **Cypress origin handling** as shown earlier.

### ****5️. Issue: PayPal Checkout Button Not Found****

#### **✔ Fix: Increase** timeout **in Cypress**

PayPal **loads dynamically**, so the button might not be **immediately available**.

cy.get('#paypal-button', { timeout: 10000 }).should('be.visible').click();

✅ This waits **up to 10 seconds** for the PayPal button to appear.

## ****🔹 Next Steps****

1. Try these fixes one by one.
2. Run Cypress again:

npx cypress open