

Scenario1

```
describe('Scenario 1: Form Interaction Test',() => {  
  
  it('Opens the website on localhost:4200, navigates to forms, fills form, and asserts  
elements',() => {  
  
    //open the website  
    cy.visit('http://localhost:4200');  
  
    //nagigate to the Form Layouts page  
    cy.contains('Forms').click();  
    cy.contains('Form Layouts').should('be.visible').click();  
  
    //close the sidebar and klik the Sign In button  
    cy.get('.sidebar-toggle').click();  
    cy.get('[data-cy="signInButton"]').should('be.visible').click();  
  
    //interact with the horizontal form elements  
    cy.get('#inputEmail3').type('abcexample@email.com');  
    cy.get('#inputPassword3').type('passsss123');  
  
    //validate sign in button  
    cy.get('[data-cy="signInButton"]').scrollIntoView().and('contain', 'Sign in');  
  
  })  
})
```

Scenario2

```
describe('Scenario 2: Radio Button Validation',() => {

  before(() => {

    //open the website

    cy.visit('http://localhost:4200');

  });

  beforeEach

  it('Should navigate to the Forms > Form Layout', () => {

    //navigate to Forms and Form Layouts

    cy.contains('Forms').click();

    cy.contains('Form Layouts').should('be.visible').click();

  });

  it('Should close the sidebar', () => {

    cy.get('.sidebar-toggle').click();

  });

  it('should find and validate radio buttons',() =>{

    cy.contains('Using the Grid').closest('nb-card').find('form').within(() => {

      cy.get('.col-sm-9 input[type="radio"]').as('radioButtons');
```

```
// const radio1 = "nb-radio-group > :nth-child(1)";  
// const radio2 = "nb-radio-group > :nth-child(2)";  
// const radio3 = "nb-radio-group > :nth-child(3)";  
  
//check radio button 1 is enabled and click  
cy.get('@radioButtons').eq(0).should('be.enabled').click({force:  
true}).should('be.checked');  
  
cy.get('@radioButtons').eq(1).should('be.enabled').click({force:  
true}).should('be.checked');  
  
cy.get('@radioButtons').eq(0).should('not.be.checked');  
  
cy.get('@radioButtons').eq(2).should('be.disabled');  
  
});  
  
});  
  
})
```

Scenario3

```
describe('Scenario 3: Modals and Checkboxes', () => {
```

```
  before(() => {
```

```
    cy.visit('http://localhost:4200');
```

```
  });
```

```
  it('Navigates to Modals and Checkboxes', () => {
```

```
    // cy.wait(2000);
```

```
    cy.get('.sidebar-toggle').click();
```

```
    cy.get('a.ng-tns-c7-7').should('be.visible').click();
```

```
    cy.get('.ng-tns-c7-8 > .menu-title').click();
```

```
    cy.get('.ng-tns-c7-9 > .menu-title').click();
```

```
    cy.get('.ng-tns-c7-10 > .menu-title').click();
```

```
    cy.get('.ng-tns-c7-11 > .menu-title').click();
```

```
    cy.get('.menu-item.ng-tns-c7-12 > .ng-tns-c7-12').click();
```

```
  })
```

```
  it('Clicks the toaster', () => {
```

```
    cy.get('.ng-tns-c7-11 > .menu-title').click();
```

```
    cy.get('.sidebar-toggle').click();
```

```
    cy.get('nb-card-footer > .status-primary').should('be.visible').click();
```

```
    cy.contains('Toaster').should('be.visible').click();
```

```
  })
```

```
  it('Selects all three checkboxes', () => {
```

```
    cy.get('.custom-checkbox').eq(0).click();
```

```
    cy.get('.custom-checkbox').eq(1).click();
```

```
cy.get('.custom-checkbox').eq(2).click();
```

```
})
```

```
it('Clicks only the second checkbox using click()', () => {
```

```
  cy.get('.custom-checkbox').eq(1).click();
```

```
})
```

```
})
```