

## TEST CASES FOR BOOK STORE APPLICATION USING CYPRESS.IO FRAMEWORK:

```
describe('Webpage Tests', () => {  
  beforeEach(() => {  
    cy.visit('http://localhost:3000');  
  });  
  
  it('Should display the homepage', () => {  
    cy.contains('Books List');  
  });  
  
  context('Navigation', () => {  
  
    it('Should navigate to Create Book page', () => {  
      cy.contains('Create Book').click();  
      cy.url().should('include', '/books/create');  
    });  
  
    it('Should navigate to Show Book page', () => {  
      cy.get('.book-link').first().click();  
      cy.url().should('include', '/books/details/');  
    });  
  
    it('Should navigate to Edit Book page', () => {  
      cy.get('.edit-book-link').first().click();  
      cy.url().should('include', '/books/edit/');  
    });  
  
    it('Should navigate to Delete Book page', () => {  
      cy.get('.delete-book-link').first().click();
```

```
    cy.url().should('include', '/books/delete/');  
  });  
});
```

```
context('Create Book', () => {  
  it('Should create a new book', () => {  
    });  
});
```

```
context('Show Book', () => {  
  it('Should display book details', () => {  
    cy.get('.book-link').first().click()  
  });  
});
```

```
context('Edit Book', () => {  
  it('Should edit an existing book', () => {  
    cy.get('.edit-book-link').first().click();  
  });  
});
```

```
context('Delete Book', () => {  
  it('Should delete an existing book', () => {  
    cy.get('.delete-book-link').first().click();  
  });  
});
```

```
context('Login', () => {  
  it('Should login successfully', () => {
```

```
});  
});
```

```
context('Search', () => {  
  it('Should search for a book', () => {  
    });  
});
```

```
context('User Authentication', () => {  
  it('Should display an error message for invalid login', () => {  
    cy.contains('Invalid credentials');  
  });
```

```
it('Should redirect to the login page for unauthorized access', () => {  
  cy.visit('http://localhost:3000/books/create');  
  
  cy.url().should('include', '/login');  
});
```

```
it('Should log in and log out successfully', () => {  
  cy.contains('Welcome, [username]');  
  cy.contains('Logout').click()  
  cy.url().should('include', '/login');  
});  
});
```

```
context('Search', () => {  
  it('Should display "No results found" for an invalid search query', () => {  
    cy.contains('No results found');
```

```
});
```

```
it('Should filter books based on the search query', () => {
```

```
  cy.get('.book-title').each((bookTitle) => {
```

```
    expect(bookTitle.text()).to.include('searchQuery');
```

```
  });
```

```
});
```

```
});
```

```
});
```