

## Task 12: Hair Therapy E2E Tests with Cypress

The screenshot shows the Cypress Test Runner interface. On the left, the test file `register.cy.js` is open, displaying a single test case: "should successfully register a user". The test code uses the `cy.visit()` command to navigate to the registration page (`http://localhost:9191/register`) and performs various `get`, `-type`, `-select`, and `-click` actions to fill out the form. After submission, it checks the URL to ensure it has changed to the login page (`http://localhost:9191/login`). On the right, the "User Registration" page is displayed with the submitted data: Name "Test User 2", Email "testuser2@example.com", Password "\*\*\*\*\*", Role "Client", and a checked "Repeater" checkbox. A "Before" button is visible at the bottom.

The screenshot shows the Cypress Test Runner interface. The same test file `register.cy.js` is open, showing the same test case. The test code is identical to the previous screenshot. On the right, a "Modal Login Form" is displayed with a single "Login" button. A "Before" button is visible at the bottom.

The screenshot shows a browser window with a modal login dialog and a Cypress test runner interface.

**Cypress Test Runner:**

- Test: User Registration
- Test Case: should successfully register a user
- Test Body (Code):

```

1 visit 'http://localhost:9191/register'
2 get input[name='name']
3 -type Test User 2
4 get input[name='email']
5 -type testuser@example.com
6 get input[name='password']
7 -type 1234567
8 get select[name='role']
9 -select CLIENT
10 get button[type='submit']
11 click
12 (form sub) --submitting form--
13 (page load) --page loaded--
14 (new url) http://localhost:9191/login
15 url
16 expect expected http://localhost:9191/login to
17 include /login
    
```

**Modal Login Dialog:**

- Header: Modal L...
- Buttons: Login, Cancel, Forgot password?
- Fields: Username (placeholder: Enter Username), Password (placeholder: Enter Password)
- Checkboxes: Remember me
- Image: A large circular placeholder image for a user profile picture.

The screenshot shows an IDE interface with multiple tabs and panes.

**Project Structure:**

- Project: hairtherapy
- e2e:
  - register.cy.js
  - fixtures
  - support
  - doc
  - Docs
  - modeling
  - node\_modules
- Java files:
  - login.html
  - index.html
  - UserViewController.java
  - register.cy.js

**Code Editor (register.cy.js):**

```

describe('User Registration', () => {
  it('should successfully register a user', () => {
    cy.visit('http://localhost:9191/register');

    cy.get('input[name="name"]').type('Test User 2');
    cy.get('input[name="email"]').type('testuser2@example.com');
    cy.get('input[name="password"]').type('1234567');
    cy.get('select[name="role"]').select('CLIENT');

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

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