

Practical Test 3 Testing

I have chosen Cypress as an E2E dev tool to test the application.

The reason for choosing Cypress is the real-time debugging and element inspection through the app. Chrome devtools also provide similar functions, while cypress can make assertion in our test cases, also providing screenshots.

Test Case #1

Fetching the first page of movies from IMDB, which should be 20 movies.

Correct results should return 20 movie poster Div in DOM.

The image shows a Cypress test runner interface on the left and a browser view on the right. The browser view displays a grid of 20 movie posters, including titles like 'DUNKERQUE', 'DEADPOOL WOLVERINE', 'INSIDE OUT 2', 'THE KILLER', 'WALL TO WALL', 'SCARFACE ME4', 'BAD BOYS', 'BEETLEJUICE', 'TWISTERS', 'TRAP', and 'GUNNER'.

Cypress Test Runner (Left Panel):

- Specs: 1 test, 196ms
- spec.cy.js
- IMDB Mockup e2e Testing
 - ✓ Fetching a page of movies
 - TEST BODY
 - 1 viewport 2560, 1294
 - 2 visit ./index.html
 - 3 get .gallery
 - 4 find .movie-poster-wrap 20
 - 5 -assert expected [<div.movie-poster-wrap>, 19 more...] to have a length of 20

Browser View (Right Panel):

- URL: http://localhost:58790/...
- Chrome 128
- 2560x1294 (23%)
- Grid of 20 movie posters.

Test Case #2

Toggle Menu only exists in Mobile View

This test case mocks up the behaviour of the user clicking the Hamburger button to open the popup menu. And correctly showing the menu text which is set hidden before clicking.

Correct results return True when it contains text "Home"

The image shows a Cypress test runner interface on the left and a browser window on the right. The browser window displays a mobile mockup of a website titled "MOVIE TIM". The website has a dark background with a hamburger menu icon in the top right corner. The menu is open, showing a list of items: "Home", "Features", "Download", and "Live TV". The "Home" item is highlighted with a blue background. The browser window also shows the URL "http://localhost:58790/ind..." and the Chrome 128 browser version. The Cypress test runner shows a test suite named "IMDB Mockup e2e Testing" with two passed tests: "Fetching a page of movies" and "Toggle popout menu". The test body shows a series of commands: "viewport 375, 906", "visit ./index.html", "fetch GET 200 https://api.themoviedb.org/3/movie/popular?language=en-US&page=1", "get #open-menu", "click", "get .popout-menu.active", "find .breadcrumb_current", and "contains Home". The "contains Home" command is highlighted in blue.