

# Summary

This Cypress automation project is designed to test functionalities of the DemoQA application ([demoqa.com](https://demoqa.com)), with focus on the Elements, Forms, Alerts, Frames and Windows pages. Cypress was chosen because it is a powerful tool for front-end testing, offering excellent support for UI validations and seamless interaction with the browser, and the ability to validate API requests and responses.

The structure follows the Page Object Model pattern to organize test logic and page interactions in a clean, reusable way. Although basic POM implementation is already in place, a future improvement would involve deeper abstraction of test data and attributes as well to further increase code maintainability and clarity.

One of the main difficulties encountered during testing was the lack of dedicated test attributes (data-testid or data-cy, for example) on the elements. This made the identification and selection of elements more complex and less reliable, particularly when dealing with dynamic IDs or repeated labels.

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