





- ### ★ 3. Project: Feed Reader Testing

## Review the Feed Reader Testing **Project Rubric**




1. Take the JavaScript Testing [course](#)
2. Download the [required project assets](#).
3. Review the functionality of the application within your browser.
4. Explore the application's HTML ([./index.html](#)), CSS ([./css/style.css](#)) and JavaScript ([./js/app.js](#)) to gain an understanding of how it works.
5. Explore the Jasmine spec file in [./jasmine/spec/feedreader.js](#) and review the [Jasmine documentation](#).
6. Edit the `allFeeds` variable in [./js/app.js](#) to make the provided test fail and see how Jasmine visualizes this failure in your application.
7. Return the `allFeeds` variable to a passing state.
8. Write a test that loops through each feed in the `allFeeds` object and ensures it has a URL defined and that the URL is not empty.
9. Write a test that loops through each feed in the `allFeeds` object and ensures it has a name defined and that the name is not empty.
10. Write a new test suite named `"The menu"`.
11. Write a test that ensures the menu element is hidden by default. You'll have to analyze the HTML and the CSS

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element.

- Write a test that ensures the menu changes visibility when the menu icon is clicked. This test should have two expectations: does the menu display when clicked and does it hide when clicked again.
- Write a test suite named **"Initial Entries"**.
- Write a test that ensures when the **loadFeed** function is called and completes its work, there is at least a single **.entry** element within the **.feed** container.
- Write a test suite named **"New Feed Selection"**.
- Write a test that ensures when a new feed is loaded by the **loadFeed** function that the content actually changes.
- No test should be dependent on the results of another.
- Callbacks should be used to ensure that feeds are loaded before they are tested.
- Implement error handling for undefined variables and out-of-bound array access.
- When complete - all of your tests should pass.
- Write a README file detailing all steps required to successfully run the application. If you have added additional tests (for Udacious Test Coverage), provide documentation for what these future features are and

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Useful Links

- [Udacity Front End Nanodegree JavaScript Style Guide](#)
- [FeedReader Testing Project Rubric](#)

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<https://classroom.udacity.com/nanodegrees/nd001/parts/4942f4d7-a48d-4794-9eb0-404b3ed3cfe1/modules/5d74b9ba-b128-456f-8d2d-83aeda84ecc0/lessons/3>