

Code Review Guide:

Peer Review Workflow:

1. Find a pull request to review.
2. Ensure it has passed all CI automated tests.
3. View all changes made and comment on specific changes where appropriate.
4. Edit the pull request if appropriate.
5. Merge pull request if it is satisfactory.
6. Close the issue corresponding to the pull request which was just merged.

Automated Testing:

1. Each pull request created should contain the relevant unit tests to test the new code.
2. The tests must follow the Coding Style Guide.
3. Travis CI is used to automatically run these tests on any pull request created.
4. Travis CI should also run the integration tests.
5. Mocha and Chai are to be used for unit and integration tests.
6. Automated acceptance testing is to be done using CodeceptJS for the final release build.

Unautomated Testing:

1. This must be conducted by developers before each sprint deadline.

Code Contributions:

1. All contributions to the repo must be done via a pull request.
2. A pull request should aim to solve one or more issues. A one-to-one relationship between a pull request and a Github issue should ideally exist.
3. Each Github issue should be linked to a corresponding sprint task in Trello except in impractical cases

Merging Pull Requests:

1. Only merge pull requests which pass all Travis CI tests.
2. The individual who opens the pull request must not also merge it.
3. Anyone who merges a pull request must close the corresponding issue unless he/she provides reasons for keeping the issue open in the issue comments.

Linting:

1. Linting test for Javascript and HTML is not incorporated into the Travis CI pipeline. JShint is to be used for all Javascript files.
2. Each developer should run linting locally.