

QA Plan: Define the policies and procedures to ensure quality software

All code will be uploaded to GitHub with the “master” branch containing the most up-to-date, approved version of the software. To ensure that there are a minimal number of bugs in the master branch, and that the software is working as intended, the repository will be further broken down as such:

- All contributors will have their own branch in the repository named after them. Any initial changes made will be committed to the respective contributor’s branch.
- After committing to the individual contributor’s branch, each branch will then be merged with an intermediary branch named “dev”. The dev branch is where the majority of code testing will take place. Contributors will utilize both Rails automatic testing as well as deploying the code on the dev branch and attempting to find any flaws in the existing software, utilizing an exhaustive list of tests to perform on the site.
- Upon passing both the automatic and manual tests, the code in the dev branch will be merged with master.