

Milestone 1

due at midnight on Tue Feb 13 (150 points)

Prerequisite: Follow the [software setup](#) instructions. (All of the following should be done within a folder of your git working directory, so you can push it to gitlab by the deadline.)

For this milestone, your goal is to get a basic React Native app working, with its source uploaded to gitlab. Here are the specific requirements.

- The app should include a basic View container with some Text elements in it. It should also include an Image element.
- You should use at least one custom element, such as Greeting or BlinkText in my demo, but it could be something different.
- Your app should include a TextInput and a Button element. It should react in some way to the button being pressed. For example, it could increment a counter, or toggle the background color.
- In addition to working in an Expo environment, the tests should pass when you run either `npm test` (for interactive testing), or `node node_modules/jest/bin/jest.js` (for batch testing).
- You should make sure there is a `.gitignore` file in the top-level of your working directory, and/or in the project subdirectory. (The `create-react-native-app` probably created a suitable one for you.) In particular, the `node_modules` directory should absolutely not be part of your commit.
- You should include a `.gitlab-ci.yml` in the top-level of your working directory, and make sure that the gitlab continuous integration system can build and test your app. Here is the [gitlab-ci configuration](#) from my demo app. The only changes you should make are to replace the demo directory name with your own subdirectory (in the `test/script` section, and in the `cache/paths`). You can see the results of the continuous integration in your [commits list](#). Click the green checkmark (or red X) and then the test entry to see a [full transcript](#).