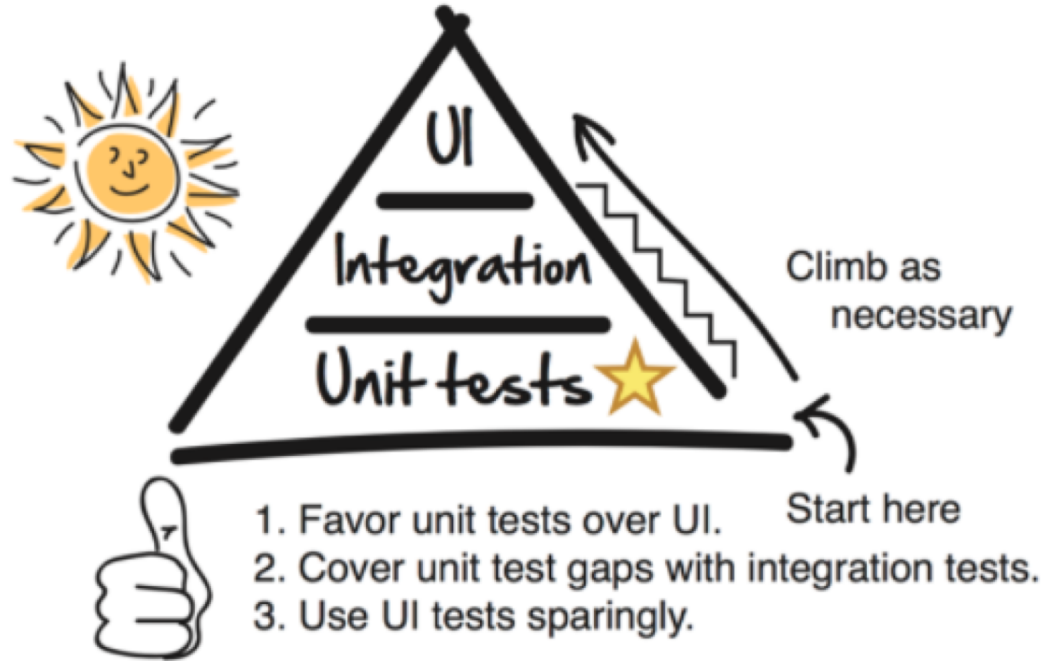


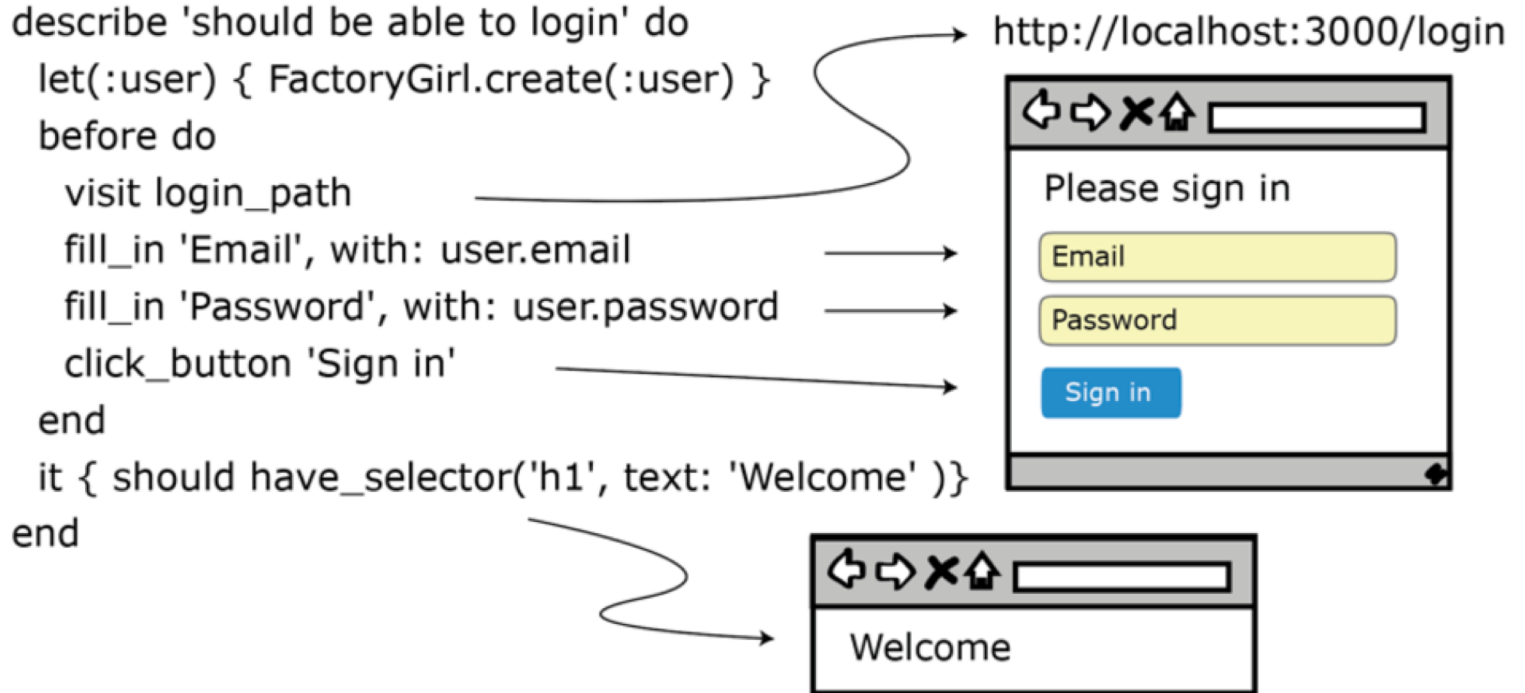


Ionic Meetup – December 2018

Testing Pyramid



<http://www.agilenutshell.com/episodes/41-testing-pyramid>



Why Cypress?

Pros:

- time travel
- automatic waiting
- consistent results (no Selenium or WebDriver)
- screenshots / videos

Cons:

- no cross browser testing (Chrome/Chromium/Electron only)

Angular tutorial – replace protractor with cypress:

<https://offering.solutions/blog/articles/2018/05/27/end-to-end-testing-with-angular-cypress/>

Getting started

Setup Ionic 4 project

ionic start cypress-demo sidemenu --type=angular

a) add cypress:

npm i cypress npm-run-all --save-dev

package.json:

- "cypress": "run-p start cypress:open",
- "e2e": "cypress open"
- Remove protractor dependencies, e2e folder

b) add froko/ng-essentials (angular schematics)

ng add @froko/ng-essentials --cypress --jest

Running Cypress

npm start

npm run e2e

<https://docs.cypress.io/guides/getting-started/writing-your-first-test.html#Add-a-test-file>

Help?: <https://github.com/cypress-io/cypress-example-kitchensink>

MAKING VISIONS WORK.

