Intro

— Spent an hour

— Quality Management course in my Masters

— Interacted a lot with QA on previous jobs

— Watched tens of Quality-related talks with my wife

Testing at **COM**, observations

— Bottleneck for COM team

— I don't set priorities to QAs in the team

    — They often get distracted to backend / web regressions

— I'm not aware of any mobile / web automation that is up and running

    — There is a small set of E2E Android tests that should be added to a pipeline and we are almost there

    — There are 2k of unit tests on Android - we are good there. A few on iOS, working on it.
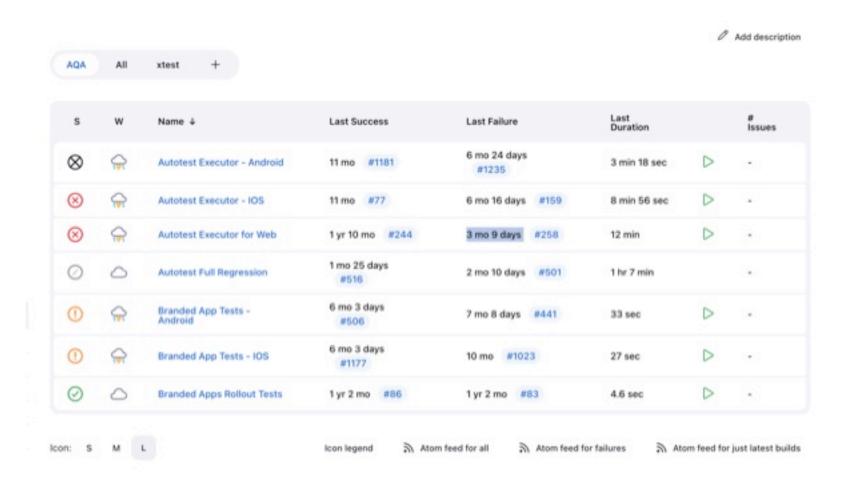
Challenges

— Flacky tests on the backend. 8 runs for a green one!

Challenges

— No E2E test pipelines that devs are aware of

  — But we have some unit tests on android, integration backend, unit/integration web

Challenges

— Long execution time for PR tests, lack of parallelisation

— Poor reporting

— Absence of flaky tests handling

— 3 SDETs, 4(5) platforms x 3 projects = 15 things to test + at least 4 challenges to solve in addition to testing

Goal

— Free up SDETs time from manual testing to work on

     — Test pipelines

     — Test stability

     — Test reporting

     — Intro of different test types, including mocked web, etc

     — Increasing test coverage

     — Perf and Load testing

Potential solutions

— Involve devs in writing E2E tests for ~10% of their time.

    — To reduce amount of raw untested features produced within a sprint that will reduce scope for manual qa + SDETs

    — To increase the automation coverage

    — To make sure that the code devs write is testable

    — Similar to writing prod code so shouldn't be too far away from what they do

— Make one-time effort on building up initial test suite to free up SDETs

— Outsource

Demo

Svetlana Kuzmina

— Already done contract QA work for Squire

— 5+ years of experience

— Experienced in writing automated tests for Web and Api

    — Cypress, RestAssured, Selenium

— Strong in manual testing

— Basic skills of test infra set up

— Prefers 30 h/week workload

— Open to full-time employment

LinkedIn

Proposal

— Svetlana can provide monthly service for building X amount of Web E2E or integration tests based on TestRails specs, billed by an invoice.

  — Not an employment, simpler in terms of paperwork

  — Not spending time on different meetings

  — Can be easily cancelled when we meet the required coverage level / decide to shift funds somewhere

— Goals:

  — SDETs can concentrate on infrastructure and mobile platforms

  — SDETs won't be pulled for manual testing

  — Devs won't have to write those e2e tests