

Testing starter kit

What to do on your first day in project as a tester.

Marat Chukmarov

Don't forget to share the slides

I'm new here. What is going on?

Don't forget to share the slides

Team

What's the product name?

Who's working on it?

Who's the father of that *not that well working* service?

What product made of? Architecture

"Oh no, we forgot about that kafka config in zookeeper..."

"Of course, it won't start, you need docker with kafka/postgres and **that microservice I forgot to mention** in readme..."

"What do you mean by '**Everything** is broken'?"

diagrams.net. But, also, take a look at **C4 model**

What the product should do? Requirements

But, that's weird?!

It always works **that** way.. But
hey, indeed, that's weird

Keyword: *single source of truth*

Also here, [Design] - 'how it
should look like'

How it's being delivered?

1. Environments

- i. dev/qa/preprod/prod/postprod/...
- ii. Also, is there any **test data** I should be aware of?

2. CI / CD

- i. Jenkins and Co
- ii. Also, **versioning**
- iii. Also, **Deployment Notes**

What's the current scope of work?

1. JIRA Boards
2. TCM (if applicable)
(TestRail/Google sheets/etc..)

Also, [Calendar of next events]

Where do people talk?

Oh, I didn't know, that you didn't know, we discussed that in slack

How people do things? Guides

1. Bug reports
2. JIRA workflows
3. Developing culture
4. Testing
5. Docs maintaining
6. All the other guides

Templates time!

Yet another bug report template

1. Environment
2. Requirements
3. Preconditions
4. Steps
5. Expected Behavior
6. Actual Behavior
7. Hypothesis
8. Additional

Hint, use [JIRA Direct HTML Links](#)

Templates time! - JIRA

Templates time! - JIRA

1. Make sure, you have, at least,
acceptance criteria

If it does this, we're good

2. Awesome, if you have Definition
of Done

No, we can't close ticket
without tests

3. Great, if you have Definition of
Ready

Great, now we can start

Developing culture - Git

Tiers list

1. We use branches!
2. We link tickets to PRs!
3. Our commit messages have sense!
4. We run linters on pre-commit!
5. We have automated checks!
6. We have README!

for TS/JS pros - commitlint, eslint, prettier, lint-staged, husky, jest

Also, here's some [nice little readme template](#)

Testing, finally

1. Testing docs
2. Testers inputs of What do I need to start?
3. What do you want from me? or tester's report

Testing docs

1. Links to guides
2. Links to Test case management systems / Google Sheets / etc
3. Dashboards (TCM results / Automation results / `hello, allure`)
4. Automation docs
 - i. repos
 - ii. ci / how to's

Hint: don't start TCM, just because you don't have it

If there's no testing guide

1. Make a meeting

2. Ask a lot.

i. What are the risks?

a. services/infrastructure/client-specific/etc

ii. How we're going to minimize them?

a. with automation

b. with cool testability

a. ability to easily reproduce

b. ability to easily spot causes of problems

a. logging/monitoring

3. Fix the talk!

Hierarchy of automation

1. static checking / linters
2. units
3. big units
4. everything 2 else

Hint: don't start your e2e before
establishing the hierarchy

Essential parts of testing - testers inputs

1. Where? - environments / versions
2. What? - scope (if not exists, try to make a meaningful abstraction. Also Divide and conquer)
3. What the product should do? - aside from not to crash [Requirements]
4. Test data (credentials /...)

Basic Tester's report

1. Look, what I've found!
(tickets)
2. I don't feel so good
 - i. Hadn't tested properly
%that_part% / blocked
 - ii. These checks were unclear
 - iii. That was hard/inconvenient
to test
 - iv. App was shaky to set up
3. I had an idea! (testability /
challenge current processes)
4. Launch time! (Time spent)

Entry point - full

1. What's the product name? (Name)
2. Who's working on it? (Team)
3. What product made of? (Architecture)
4. What the product should do? (Requirements)
5. How it's being delivered? (Environments/CI/CD)
6. How the product should look like? (Design)
7. How people here do things? (Guides)
8. Where people talk? (Info channels)
9. What the scope of work? (Boards/sprints)
10. Everything, that is out of that list.

Your list can be different.(but not much)

Recap

1. Don't panic
2. Ask tons of questions
3. Fix answers
4. Template everything!

Thanks & Questions Slide

Slides

<https://mikementor.github.io/mikementor/#/slides/testing-starter-kit>

Templates

<https://mikementor.github.io/mikementor/#/templates>

Contacts

Marat Chukmarov

Telegram: [@marchme](https://t.me/marchme)