



**TAPOST conferences
THEORY AND PRACTICE
OF SOFTWARE TESTING.
RIGA, OCTOBER 9-10,
2019**

**GROW
CONFI
DENTLY**



Who we are?

**Janis
Presis**



**Polina
Gorsanova**



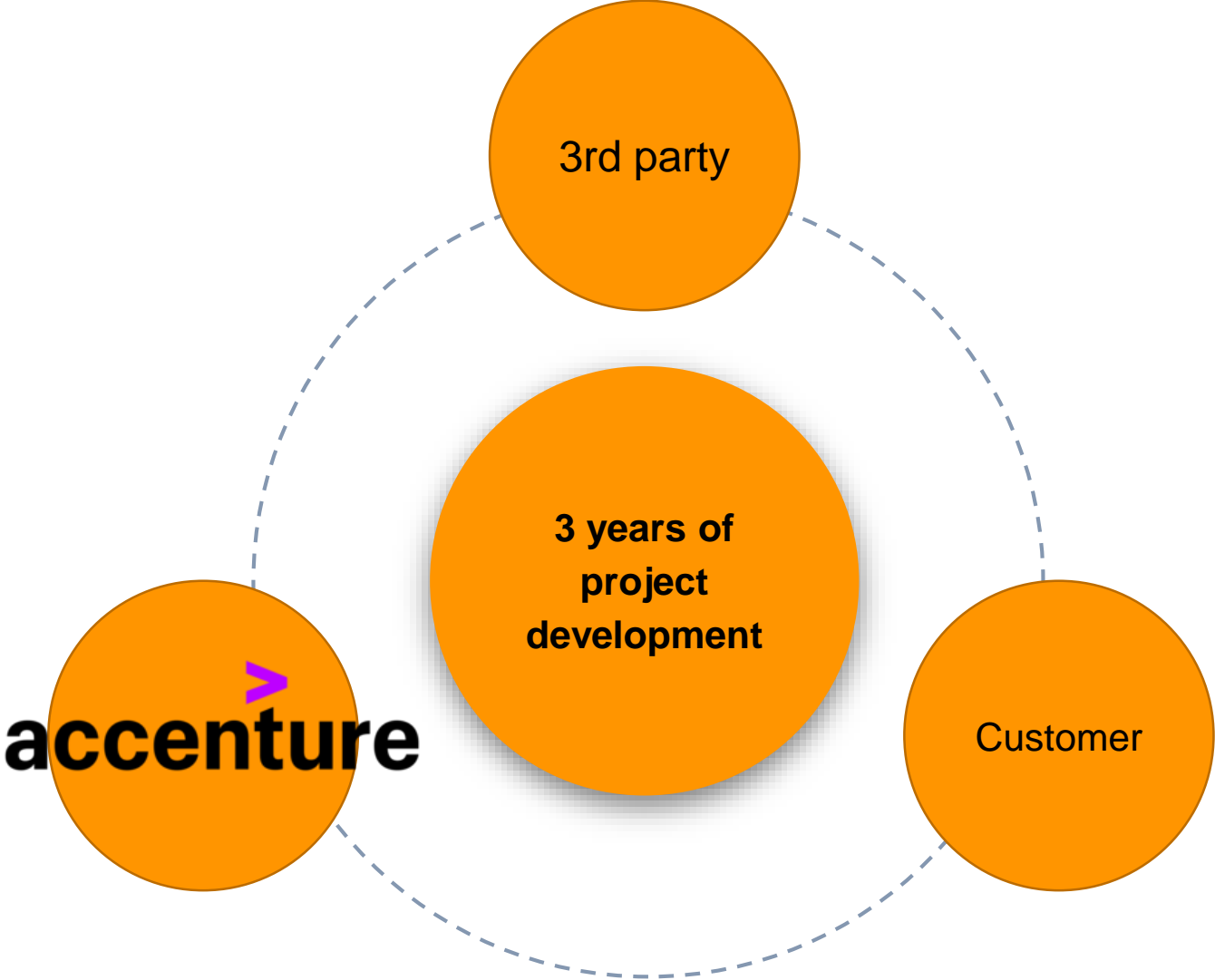
SUCCESSFUL DELIVERY WITH LIMITED RESOURCES

**A true project story of
optimization!**



THE STORY BEGINS...

WITH THE PROJECT



IT'S PEOPLE



project
management



development
management



development
teams

IT'S DEVELOPMENT!



Functional design

Designing software with very detailed documentation

Development

Developing it based on prepared documentation

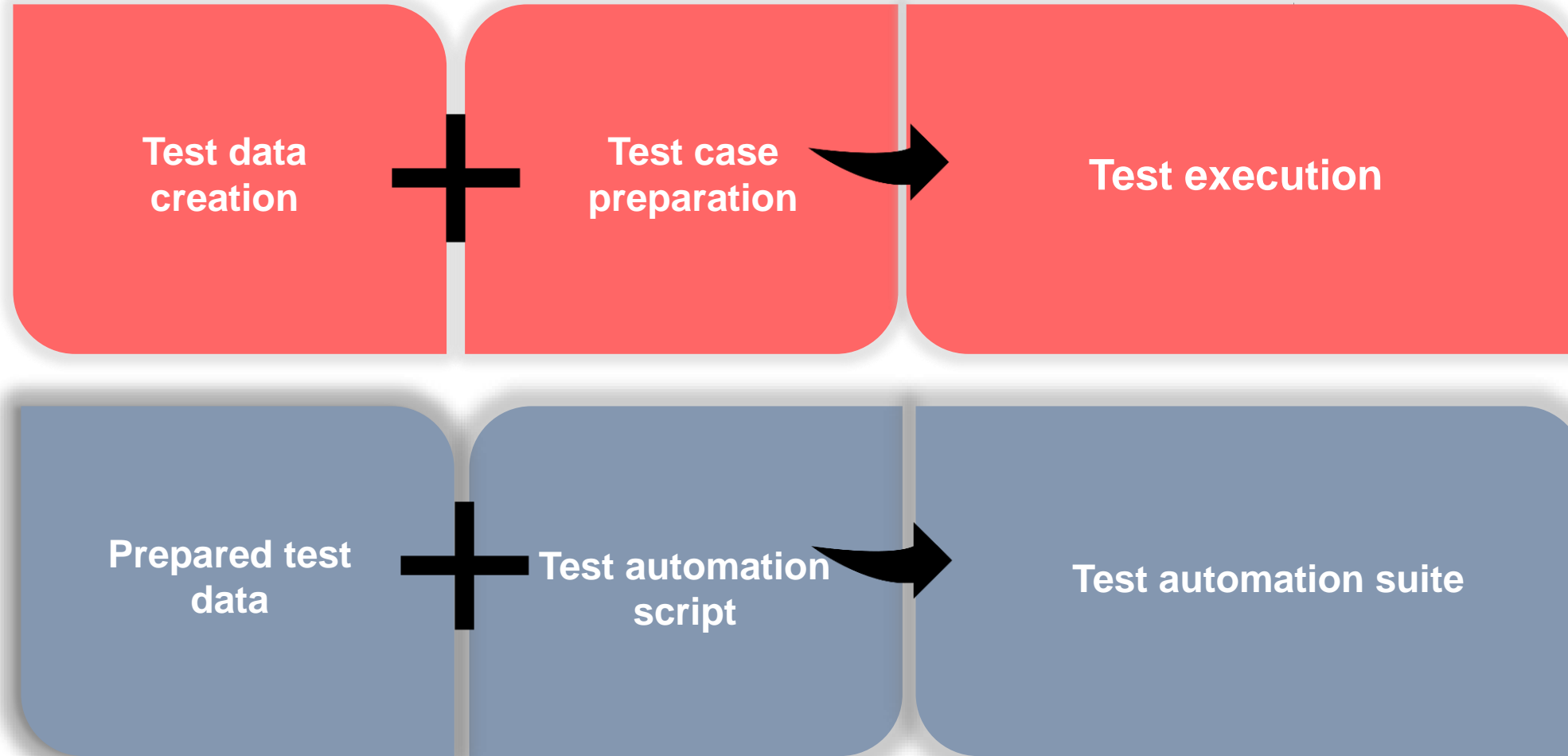
Testing

Testing software within application and regression testing

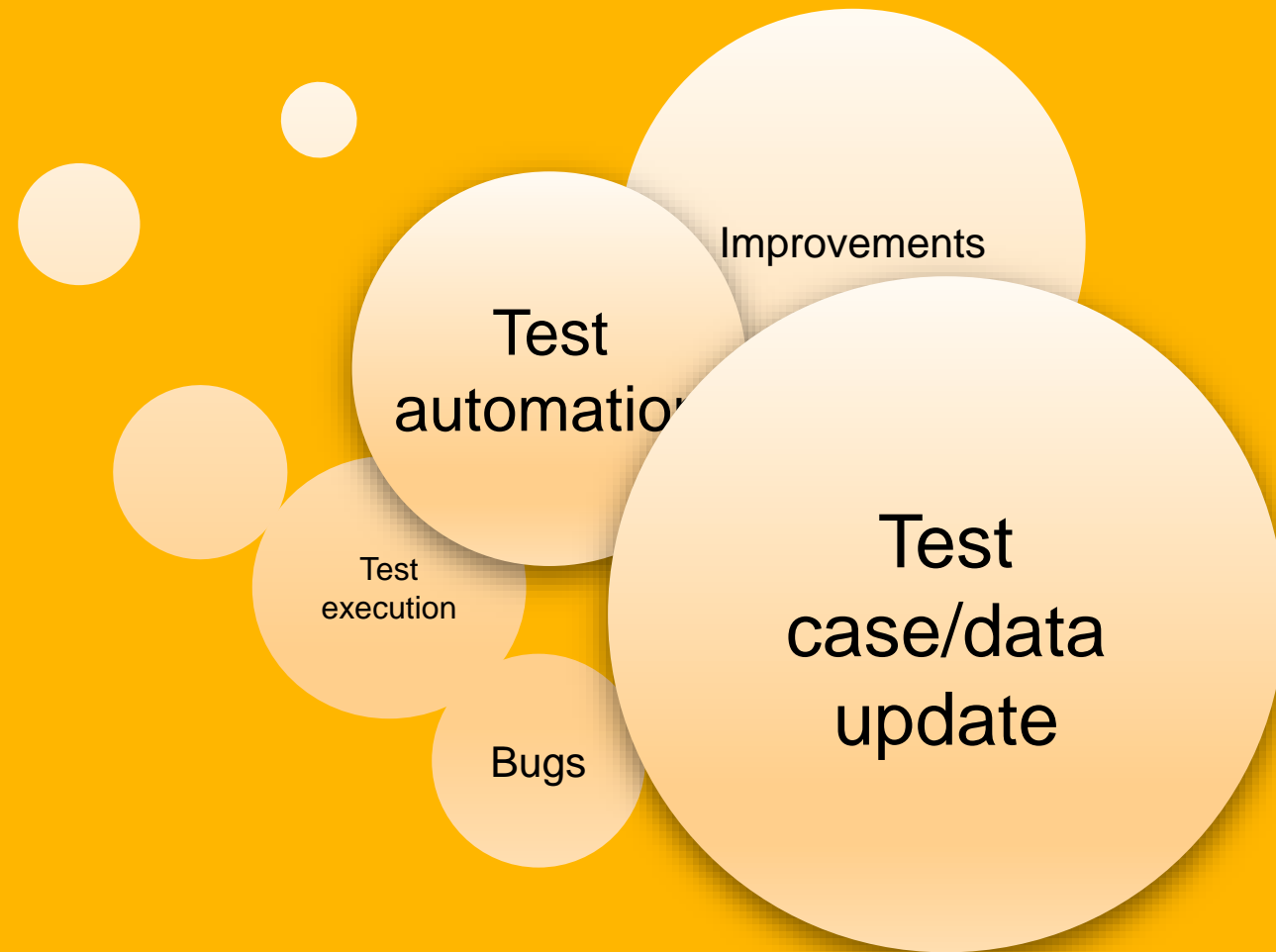
User Acceptance

System and acceptance testing by 3rd parties

OF COURSE - TESTING!



AND THINGS WE COULD DO MUCH BETTER!



A LOT BETTER!

Let's create manuals and guidelines

Outdated!

Freeze code before regressions

Last changes in code are made during regression

We have to make improvements!

We need to dig the trench!

BUT THERE IS A “BUT”...

80

specialists

185000

lines of code

3600+

manual test cases

5000+

automation test cases

every single
regression

15 QAs
2 weeks

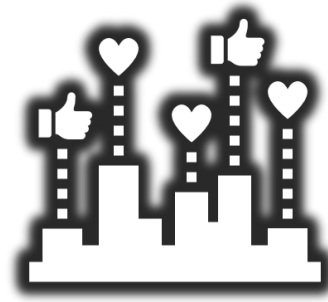
ONE MORE THING...



Budget changes

Planned roll-offs

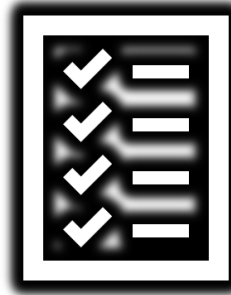
Sudden budget cuts for
automation



Constantly changing scope

Last minute “small” additions

Quantity over quality



Known project issues

Outdated information

Not completed documentation

Local chaos in testing

...AND ONE MORE!

GAME CHANGER



WE NEED A CURE! AND FAST!



**Business flow
scenario creation -
speed up regression
testing**



**Decrease of
maintainable testing
scope - introduce
test case priorities**



**Frequent knowledge
transfers sessions
between key players**

SOLUTIONS



**Improve information
flow between stages
of testing**



**Warrooms for
specific feature
development and
testing**



**Full test automation
coverage - shorter
period for regression
tests**

AND THEN...

15 → 1.5

days of most complex
area`s regression
testing

2 weeks → 2 days

updatable
test cases

3.6k → 900

4 → 4.5

average people
satisfaction index

2

priority 1 incidents on production

TAKE AWAY

Find your weak spot you are protecting!

Let the QA act as a DevOps.

There is always something to cut off!

If you lose something, you gain something.

DO NOT PANIC!

THANK YOU!