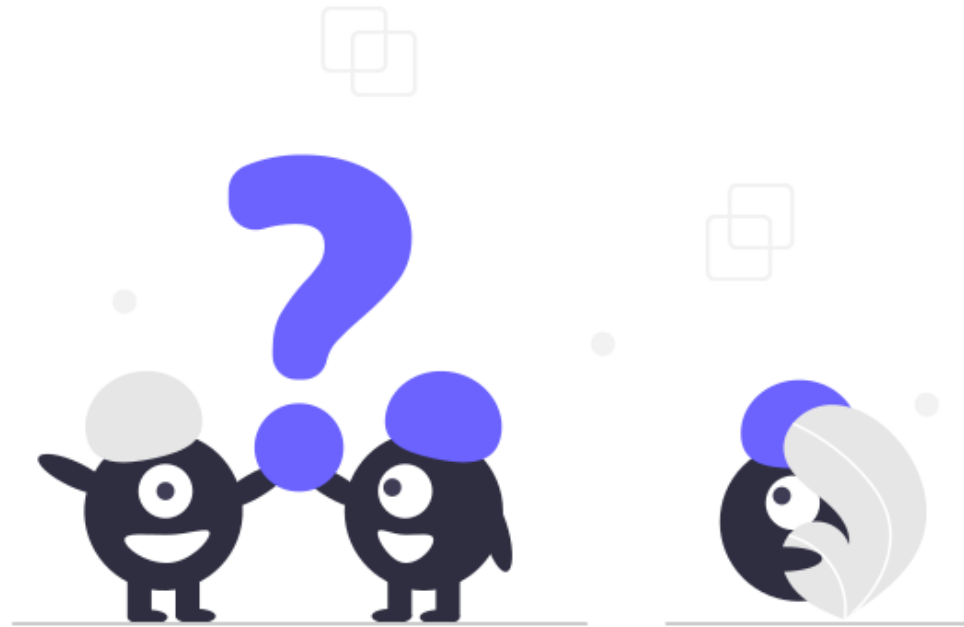# End-to-End (E2E) Testing

By
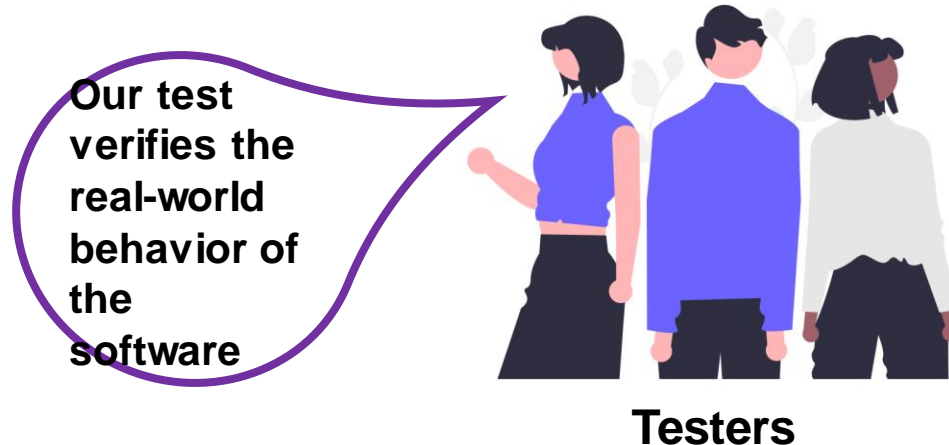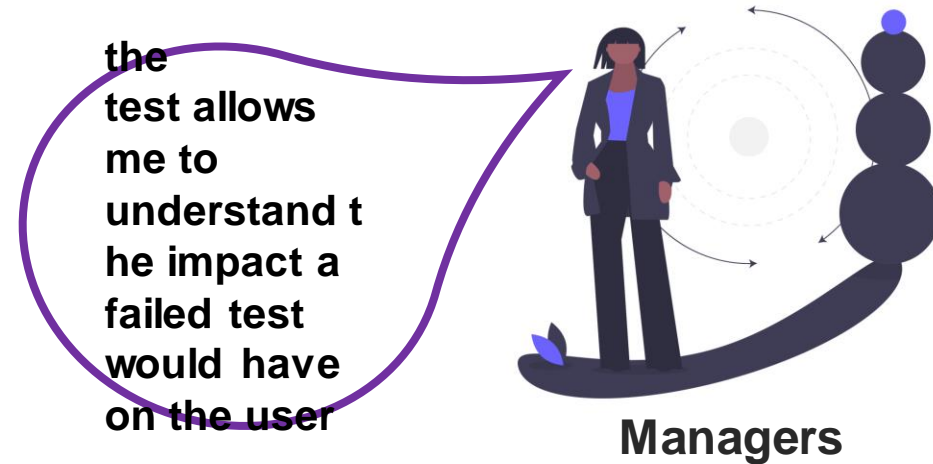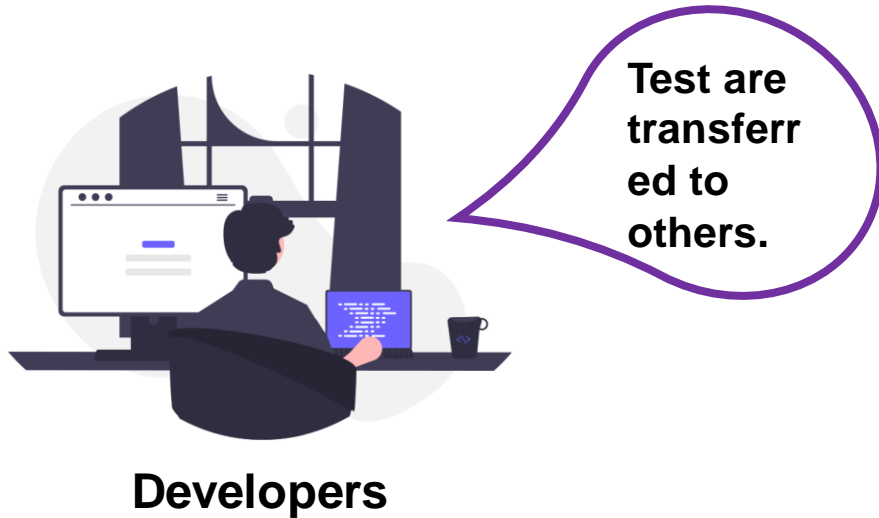
Joyce Bozeko

E2E Testing: What is it?

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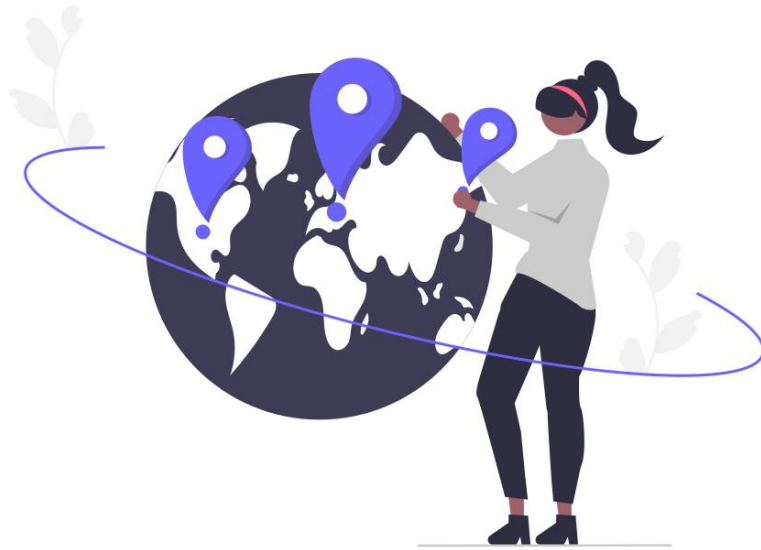
We divide the End-to-End test into two main parts:

1

Verification of the functioning of the front-office (the part visible to users);

2

Proper integration with related systems and subsystems (back office, web services, etc.).

Why perform E2E tests?

THE NUMBER ONE PRIORITY OF E2E TESTING IS TO PROVIDE USERS WITH A SATISFACTOR

Pause and Think

What can be the benefits of E2E tests ?

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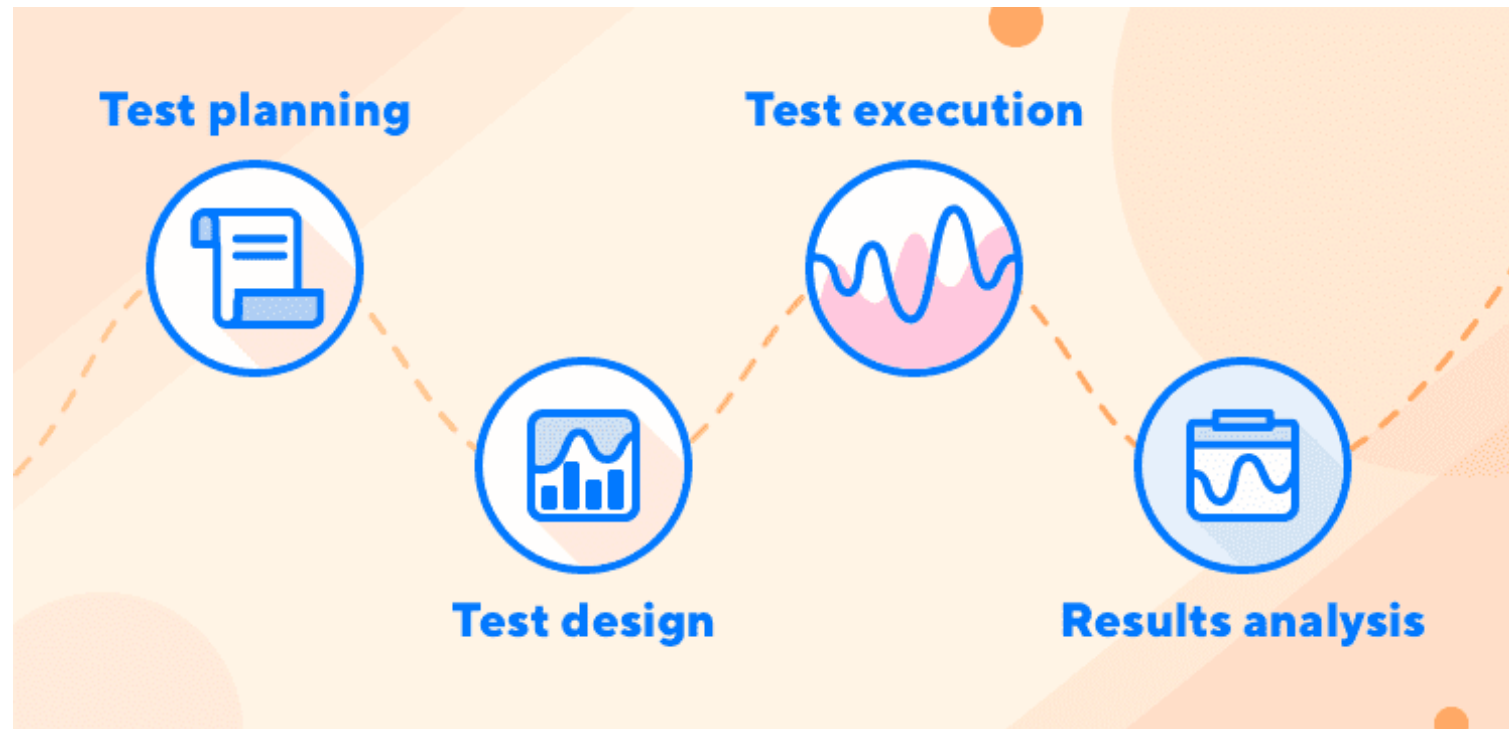
Pause and Think

What can be the benefits of E2E tests ?

End-to-end testing has been more reliable and widely adopted because of the following benefits:

✓ Expand test coverage

✓ Ensure the correctness of the application

✓ Reduce time to market

✓ Reduce cost

✓ Detect bugs

E2E testing life cycle

How to set up E2E tests?

Good organization is the key to a successful implementation when it comes to end-to-end testing. Stubbornly trying to test an infinite number of scenarios, each one as complex as the next, is not viable. Once must prioritize and rank.

How to set up E2E tests?

Some of the many metrics used for E2E testing are:

- **Test Case Preparation Status**

- **Test Progress Tracking**

- **Defects Status and Details**

- **Environment Availability**

How to set up E2E tests?

Of course, we can only encourage you to move towards more and more automation when it comes to testing. Equipping yourself with specialized software is the most effective way to do this.

Alfred monitoring for example, is a highly intuitive SaaS software specialized in customer experience monitoring and test strategy tracking.

End-to-End Tests vs. Functional Tests

FUNCTIONAL TESTS	END-TO-END TESTS
Testing is limited to one single piece of code or application.	Testing crosses multiple applications and user groups.
Ensures the tested software meets acceptance criteria.	Ensures a process continues to work after changes are made.
Tests the way a single user engages with the application.	Tests the way multiple users work across applications.
Validate the result of each test for inputs and outputs.	Validate that each step in the process is completed.

What you need to remember about E2E testing

End-to-end testing is an essential part of a satisfactory customer experience and ensures that an application is working properly.

References

Illustration: https://undraw.co/

Article:	https://katalon.com/resources-center/blog/end-to-end-e2e-testing