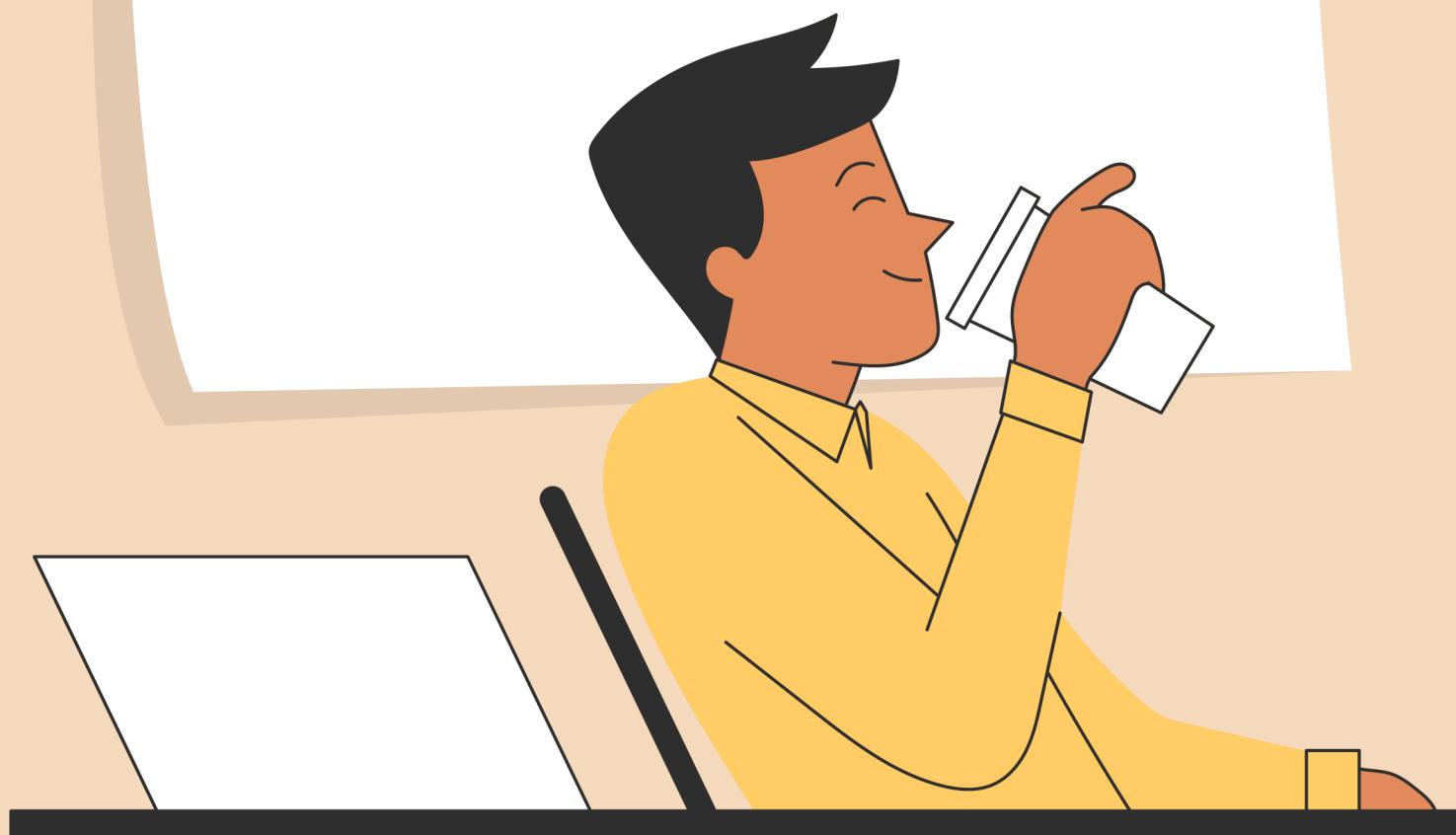




WHAT IS SOFTWARE TESTING & WHY IS IT IMPORTANT ?

WHAT TO EXPECT



1 Definition of Software Testing

2 A simple process towards Testing

3 What can you test

4 Importance of Software Testing

5 2 Simple Ways to Test

Software Testing is a systematic process of verifying & validating whether the Software (also called as Product, Application) is in compliance with the Requirements.



It is a process which in principle is applied

- during the development of software
- after the development of software

Pro Tip
Unit Testing



You can test the software for

Code

User Interface
(UI)

Functionality

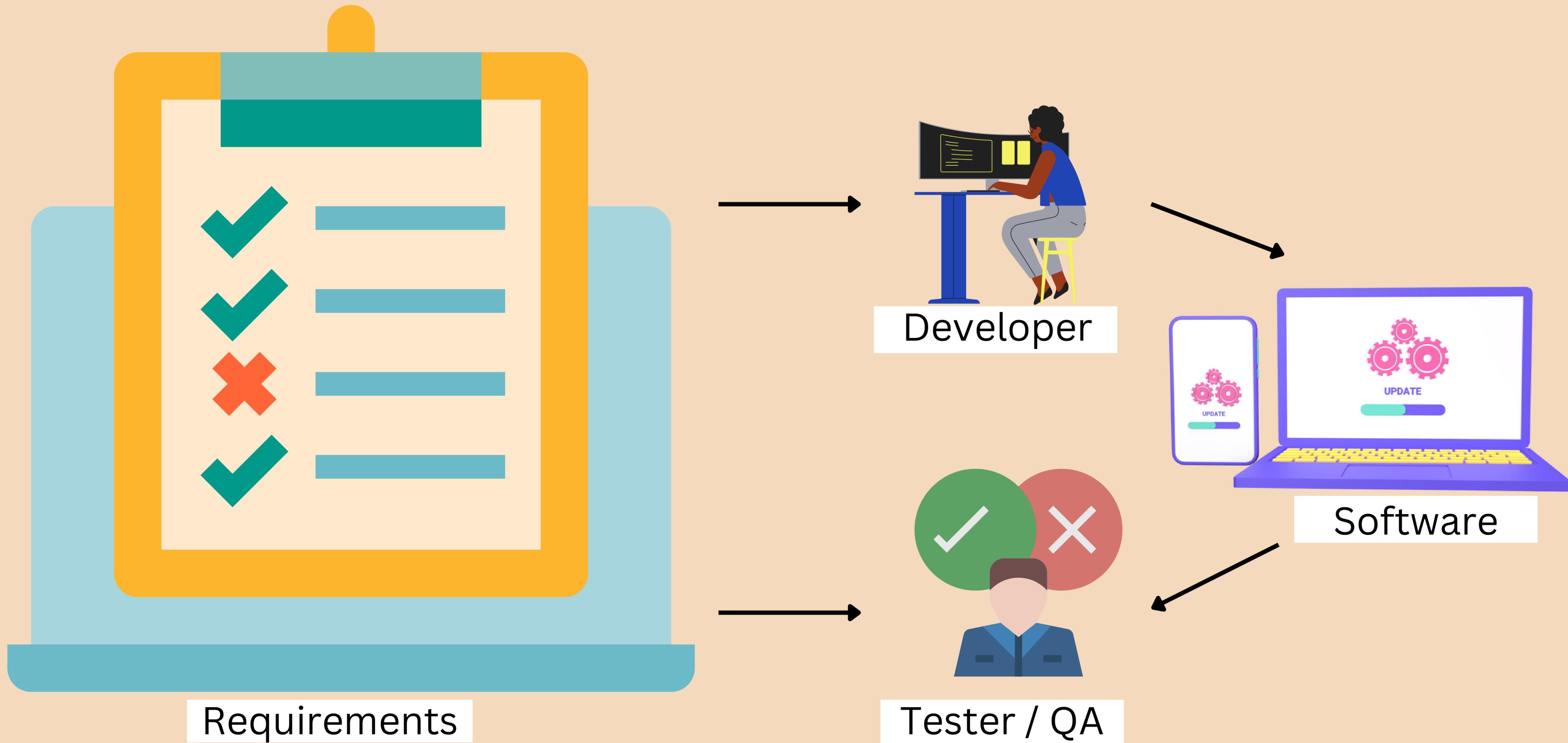
Performance

.....& many more elements or features

As a standard Industry practice for any Software or Product Development the first step is to capture all the requirements.

The **requirements** captured are then shared with Development Teams to build (or code) the software & the same requirements are shared with **Testing Teams** (also known as **Quality Assurance Teams**) to check if the Software Developed matches the requirements

Simplifying the previous Slide



Why is it important ?

- Testing ensures product compliance
- Testing helps identify **defects/bugs** early
- Keeps the Software in Check
- Ensures Customer Satisfaction
- Helps in  savings



Software Testing helps check

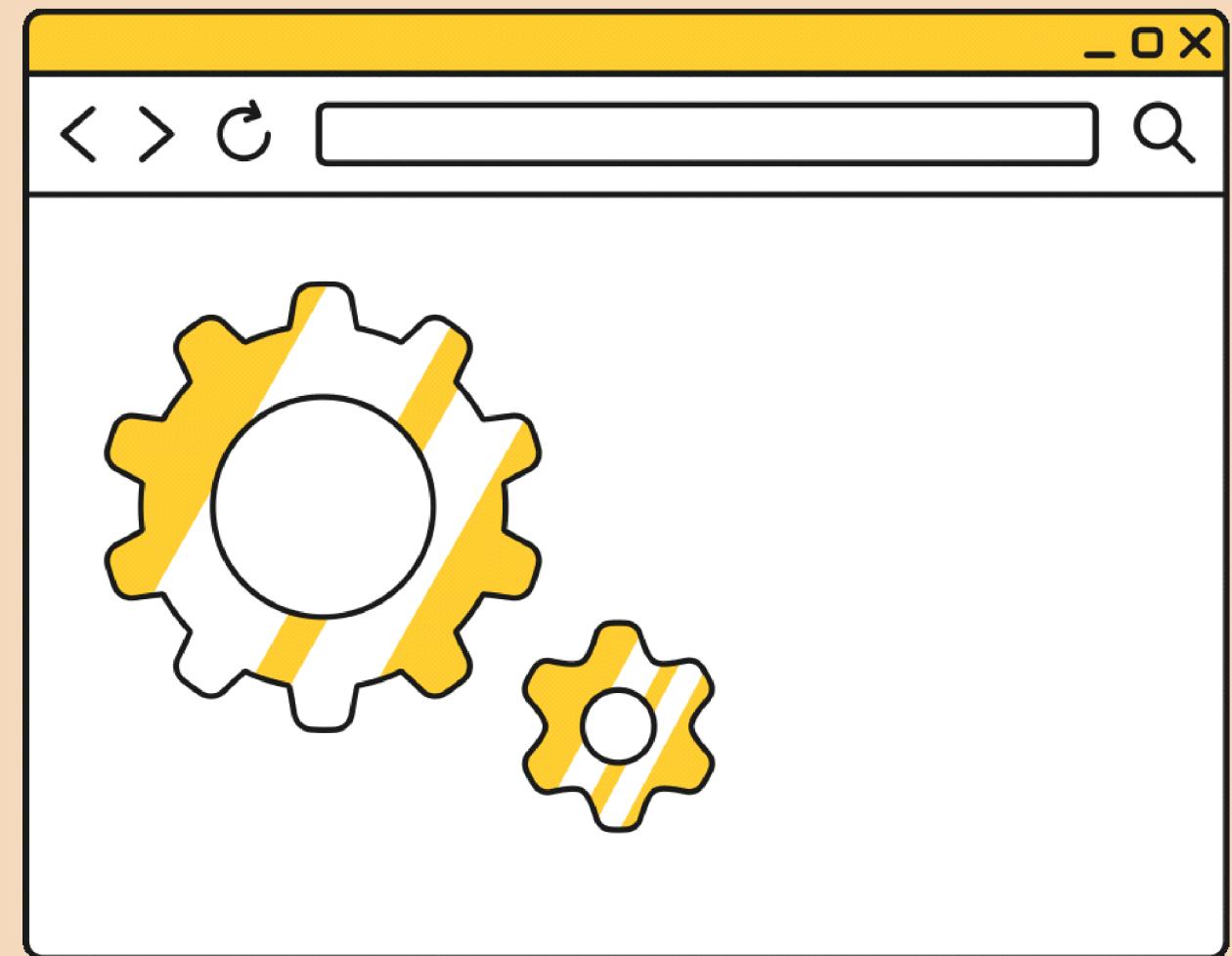
- If the application **is doing** what is **expected**
- Also If the application **is not doing**, what it is **not expected**



2 Ways you can Test Your Applications



Manual Testing



Automated testing / Automation

“
See you in Next Video

