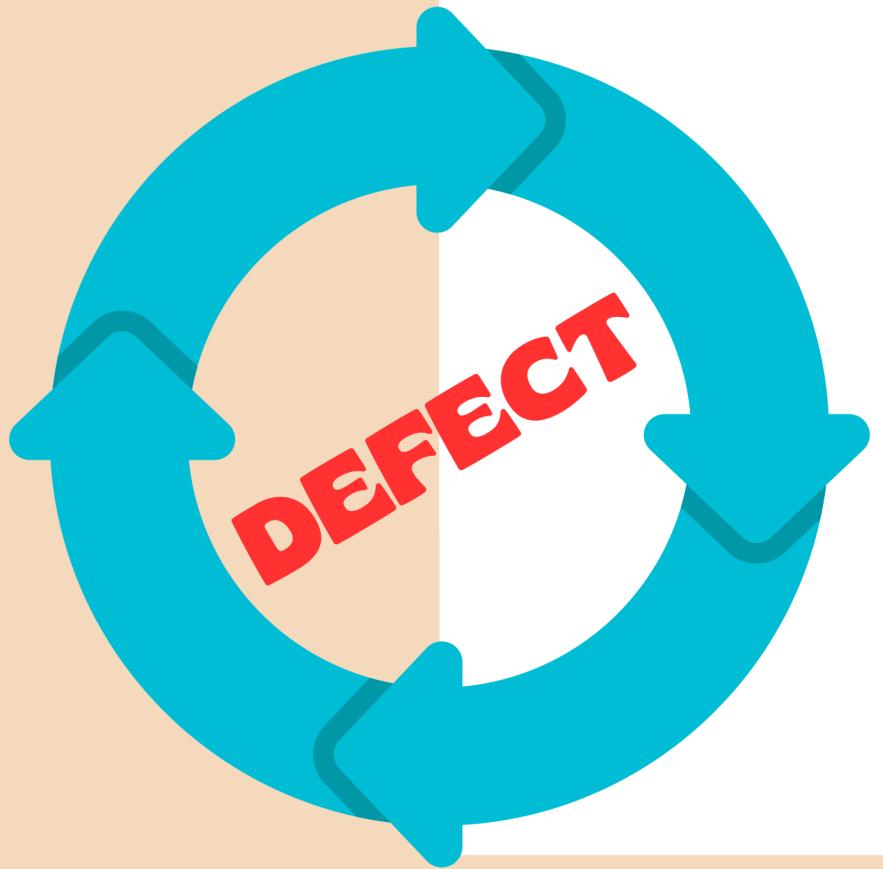




DEFECT LIFECYCLE ADVANCED



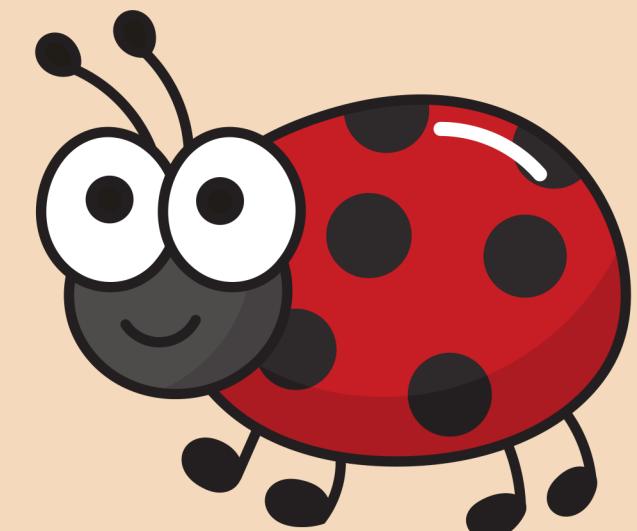
WHAT TO EXPECT



- 1 Defect Humor
- 2 Finding a Defect
- 3 Lifecycle (recap)
- 4 Defects Advanced
- 5 Templates

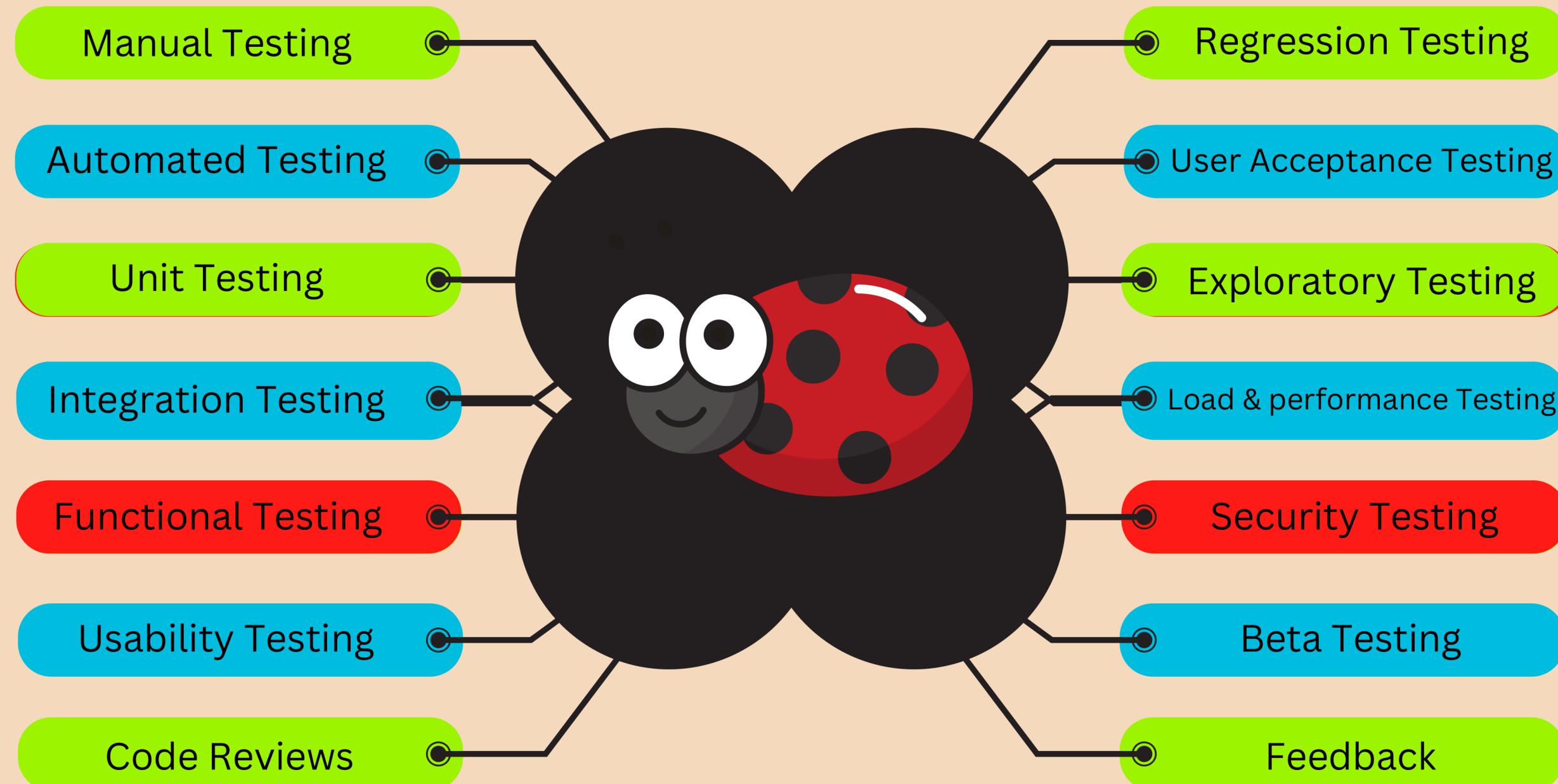
Defect

"A **defect** in testing is like finding a sneaky glitch in your digital universe—a mischievous **bug** that decided to crash your software party. It's that unexpected guest who shows up uninvited and messes up the whole code dance. But fear not, for the testers are the bug busters, armed with magnifying glasses and virtual fly swatters, ready to squash those coding critters and restore digital harmony!"

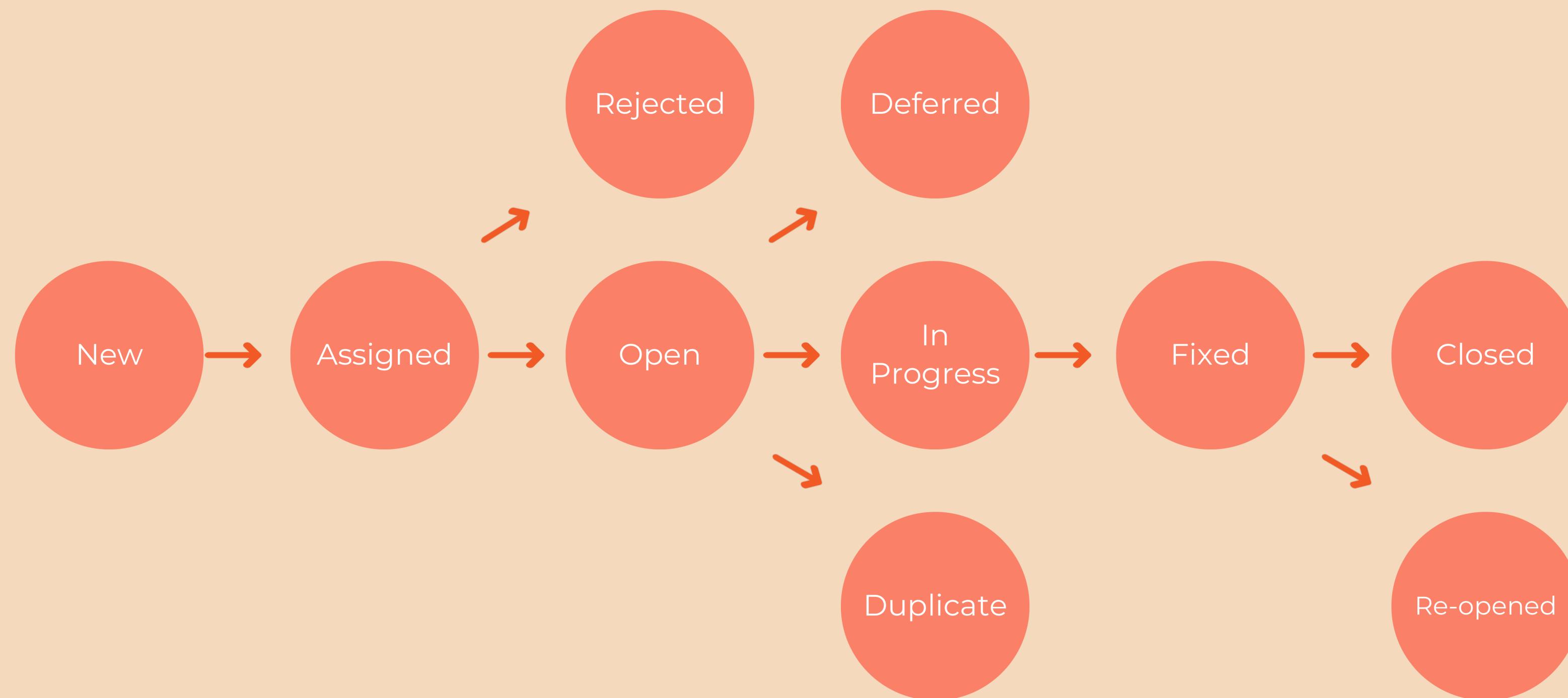


OK! How do we find a defect

Defects, also known as bugs or issues, can be discovered through various testing methods and processes.



Defect Lifecycle (Recap)



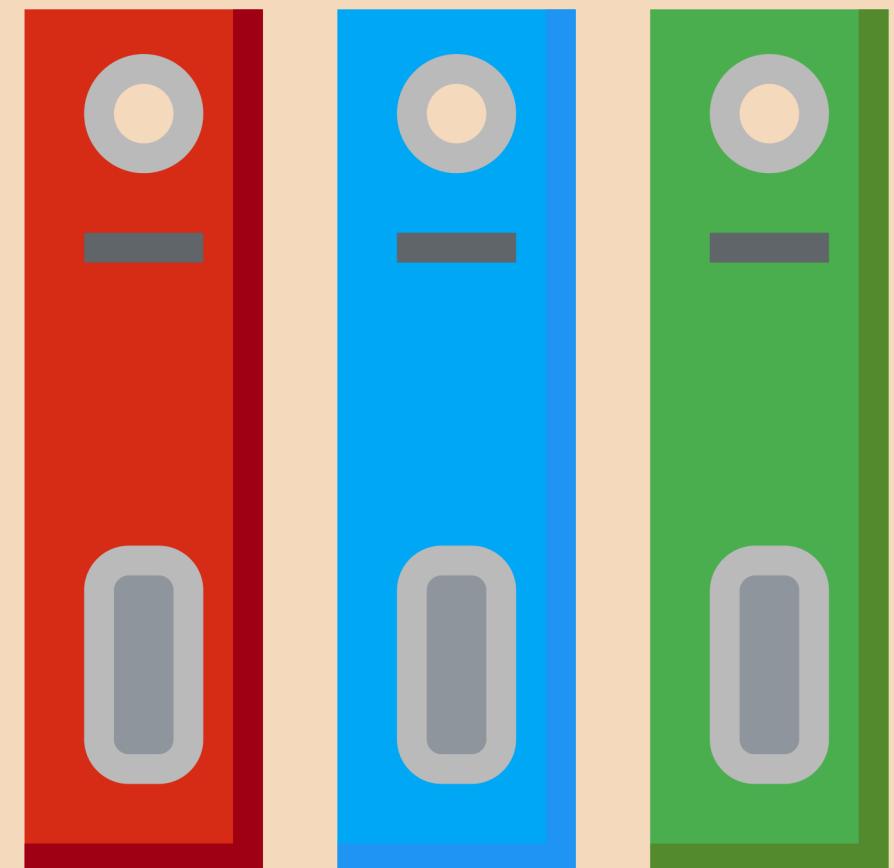
**Let's delve a bit deeper into some advanced
aspects of defects**

Defect Classification

Defects can be classified based on various attributes, including their nature, impact, and origin. Classification helps teams prioritize and address defects appropriately.

Examples of defect classifications include

- Functional defects (related to incorrect functionality),
- Performance defects (related to slow response times),
- Security defects (related to vulnerabilities), and
- Cosmetic defects (affecting the visual appearance but not functionality).



Defect Metrics

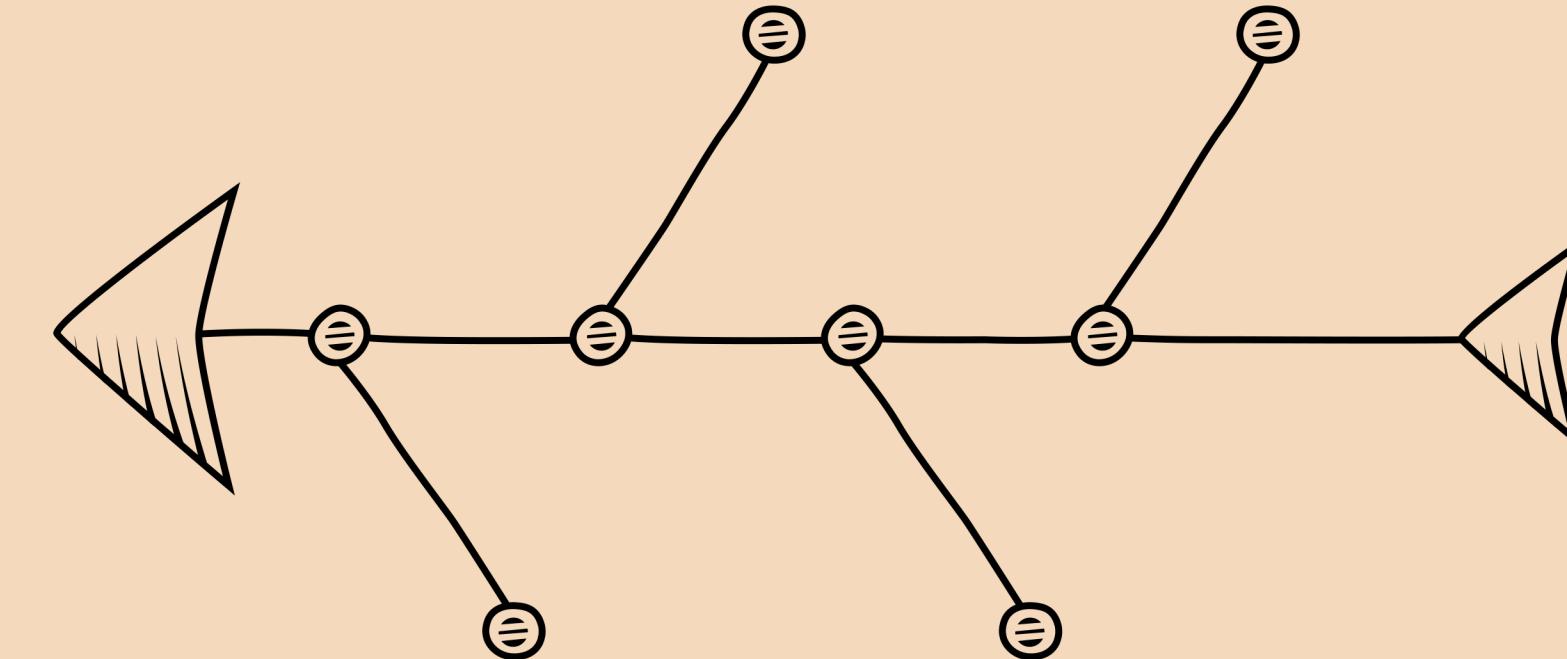
Defect metrics provide quantitative measures of defect-related aspects. These metrics include defect density (defects per unit of code), defect removal efficiency (percentage of defects found before release), and defect aging (how long a defect remains open).



Defect Root Cause Analysis

When investigating defects, it's crucial to identify their root causes. Root cause analysis aims to understand why defects occurred, rather than just fixing the symptoms.

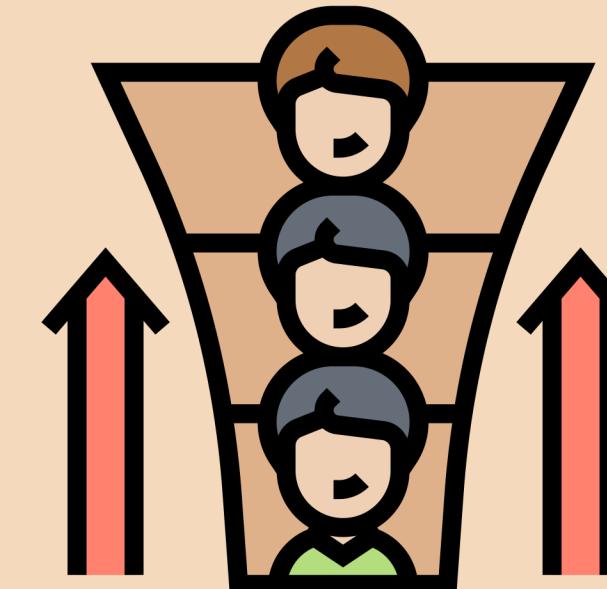
Techniques like the "5 Whys" and the Fishbone (Ishikawa) diagram help trace defects back to underlying causes.



Defect Aging and Escalation

As defects remain open, their priority and severity might change over time. Defects that are not addressed promptly can become more critical, leading to escalations and affecting release timelines.

Defect aging reports help monitor and manage such situations.



Defect Tracking Log

Project Name

Program Manager

Defect No.	Date Created	Created By	Defect Description
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
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Sign in

FILE HOME INSERT PAGE LAYOUT FORMULAS DATA REVIEW VIEW ADD-INS

Paste **B** I U Font Alignment Number Styles Cells Editing

D10 : Defect Description

A B C D E F G H I J K L M N O

DEFECT TRACKING LOG

Project Name
Program Manager
Project Manager

Purpose: To ensure that the work product meets specifications for performance, defects must be tracked and fixed. These defects may arise from any Phase, but the majority will arise in the Testing Phase and must be properly captured and tracked through resolution. This form will allow documentation of test defects that must be corrected prior to project completion. Also, this form makes it easier to monitor status of the defect correction progress. This form may be used by any member of the software development team.

< Hover by the red triangle in the top left corner for more detail. Use the Instructions on the next tab to fill out fields.>

Defect No.	Date Created	Created By	Defect Description	PM Process	Lifecycle Phase	Priority	Owner	Assigned Date	Estimated Time to Fix	Status	Resolution	Resolution Date	Actual Time to Fix	Root Cause
1														
2														
3														
4														
5														
6														
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Activate Windows
Go to Settings to activate Windows.

Defect Tracking Log Instruc

READY

Defect Tracking Softwares (Recap)

Software	Company
Excel	Microsoft 
Zephyr	SmartBear
Jira	Atlassian

& Many More



“

See you in Next Video

