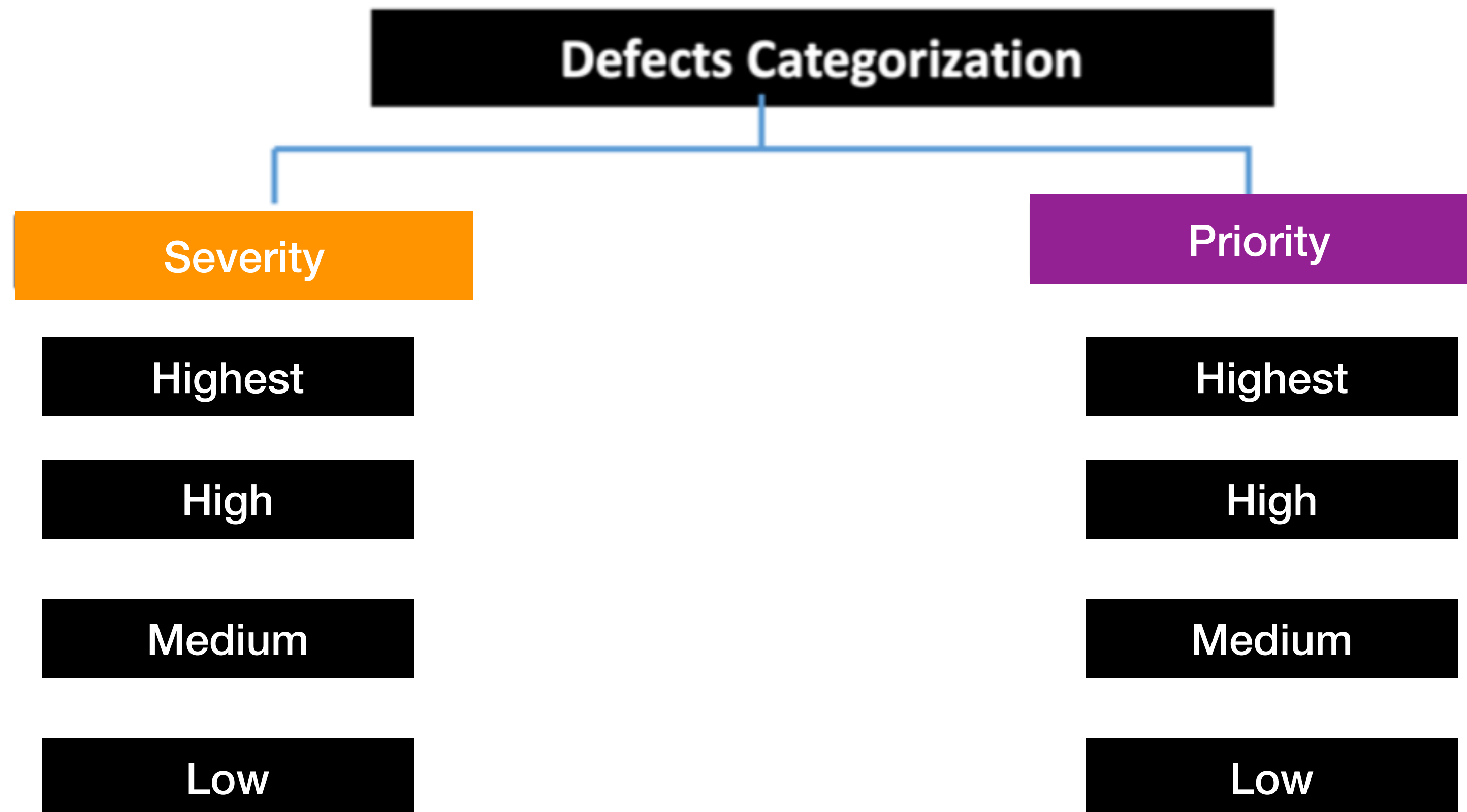# Bug Level Categories

Bug Level Categories

Bug Severity

- **Severity is defined as the degree of impact a defect has on the application being tested.**

- **Testers determines the severity level of a defect.**

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Bug Severity levels

Severity Level	Criteria
Highest	*Application not starting, no workaround is available, data corruption, application abnormally terminates*
High	*Workaround is available, Function is not working according to specifications, severe performance degradation*
Medium	*Incorrect error messages, Noticeable performance inefficiencies*
Low	*Spellings, Grammatical errors,, cosmetic flaws(weakness)*

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Bug priority

- Priority signifies the urgency of fixing a defect

- How fast a bug has to be fixed ?

- Developers and business team determines priority level.

- Maybe discussed in the grooming meeting

- Or in the "Bug Evaluation" meeting

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Bug Priority levels

Level	Criteria
Highest	**Immediate fix needed**, block further testing, very visible
High	Must be fixed **before** the product is **released**
Medium	Should fix **during** the **normal course** of the development activities
Low	Would like fix but can be release as it is if needed

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Severity

Critical | Non-Critical

Priority

Urgent

| Not able to order a food | "User name" misspelled as "user Nam" |

Low

| Can not click "Contact us" button | An image's font is wrong size |

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SDLC

- Requirement gathering
- Designing
- Developing
- Testing — **STLC**
- Deploying
- Maintenance

STLC

1. Requirement/ User Story Analysis
   - Read User story and AC

2. Test Plan Creation
   - Team lead/ QA writes
   - Test Plan contents

3. Test Case Creation
   - Test Case ID
   - Test case Descriptoion
   - Pre-condition
   - Test Dta
   - Test Steps
   - Expected Result
   - Actual Result
   - Pass/Fail

4. Environment Set up
   - Different Environments:
     - Dev Environment EX: https://www.dev.VyTrack.com
     - QA/Testing Environment EX: https://www.tes.VyTrack.com
     - Staging/pre-production Environment EX: https://www.pre.VyTrack.com
     - Production Environment EX: https://www.VyTrack.com

5. Test Execution
   - Defect Life Cycle

6. Test Cycle Closure
   - Test report
   - Defect report
   - Team lead responsible

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