# Defect Triage and Prioritization

## 🔹 Definition

**# Source**: **Chatgpt (GPT-5-Standard) at [8/18/2025]**

**Defect Triage (or Defect Prioritization)** is the process of **reviewing, analyzing, and prioritizing defects** to decide:

* **Which defects should be fixed first,**
* **When they should be fixed,** and
* **Who should fix them.**

It helps balance **business needs, technical feasibility, and project timelines.**

## **⚙️ How It Works (Process)**

**# Source**: **Chatgpt (GPT-5-Standard) at [8/18/2025]**

1. **Defect Review Meeting**
   * Team reviews newly logged defects (testers, developers, product owner, business analysts).
2. **Analyze Defect Details**
   * Check severity (impact) and priority (urgency).
   * Validate if defect is real and reproducible.
3. **Prioritize**
   * Assign business priority (Critical, High, Medium, Low).
   * Decide which ones must be fixed in the current release and which can be deferred.
4. **Assign Ownership**
   * Developer or team responsible is assigned to fix.
5. **Update Tracking Tool**
   * Status and priority fields updated in JIRA, Bugzilla, or ALM.

## **📝 Factors Considered in Triage**

**# Source**: **Chatgpt (GPT-5-Standard) at [8/18/2025]**

* **Severity** (impact on system functionality).
* **Priority** (urgency from business perspective).
* **Business Value** (does it affect critical business workflows?).
* **Customer Impact** (is it user-facing or internal?).
* **Resources Available** (time, budget, developers).
* **Release Deadlines** (is it blocking release?).

## **🎯 Purpose of Defect Triage**

**# Source**: **Chatgpt (GPT-5-Standard) at [8/18/2025]**

* Ensure **critical defects** are resolved first.
* Avoid wasting time fixing **low-impact defects** before urgent ones.
* Align testing & development with **business goals**.
* Provide **transparency** to stakeholders on defect handling.

## **🛠️ Example**

**# Source**: **Chatgpt (GPT-5-Standard) at [8/18/2025]**

* **Defect 1**: *Login button not working*
  + Severity: Critical (users can’t log in)
  + Priority: High → Must fix immediately.
* **Defect 2**: *Logo misaligned on homepage*
  + Severity: Minor
  + Priority: Low → Can be fixed later.

## **👥 Who Participates in Defect Triage?**

**# Source**: **Chatgpt (GPT-5-Standard) at [8/18/2025]**

* Test Lead / QA Manager
* Development Lead
* Product Owner / Business Analyst
* Project Manager

✅ **In short:** **Defect Triage/Prioritization** = reviewing logged defects, analyzing severity & priority, and deciding the **fix order** to optimize quality, timelines, and resources.