# Defect Assignment

## 🔹 Definition

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

**Defect Assignment** is the process of **allocating a reported and reviewed defect** to the appropriate **developer, development team, or responsible person** for fixing.

Once a defect is logged and triaged (prioritized), it must be **assigned** to ensure ownership and timely resolution.

## **⚙️ Steps in Defect Assignment**

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1. **Defect Logging**
   * Tester logs the defect with all necessary details in a defect tracking tool (e.g., JIRA, Bugzilla, ALM).
2. **Defect Review & Triage**
   * Team reviews severity, priority, and validity.
3. **Assign Owner**
   * Defect is assigned to:  
     + A **developer** (if it’s a coding issue).
     + A **configuration/deployment team** (if it’s an environment issue).
     + A **requirement/BA team** (if it’s a requirement gap).
4. **Update Status**
   * Status changes from “New/Logged” → “Assigned.”

## **📝 Key Considerations in Assignment**

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* **Type of Defect** (UI bug, backend bug, database issue, etc.).
* **Expertise required** (assigned to the right person with domain knowledge).
* **Workload balance** (avoid assigning too many defects to one developer).
* **Module ownership** (developer/team responsible for that functionality).

## **🎯 Purpose**

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* Ensures **clear ownership** of defect fixing.
* Prevents delays caused by unassigned issues.
* Improves **accountability and tracking** in defect management.

## **🛠️ Example**

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

* **Defect 1**: Login button not working → Assigned to **Frontend Developer**.
* **Defect 2**: Database query timeout → Assigned to **Backend Developer (DB team)**.
* **Defect 3**: Wrong business rule in requirement → Assigned to **Business Analyst**.

✅ **In short:** **Defect Assignment** = ensuring every logged defect has a **responsible owner** to fix it, based on expertise, priority, and module ownership.