Defect Tracker
Functional Testing Phase

Defect Severity Guidelines -

Defect Severity	Description	Examples
Critical	Causes system crash, complete failure, or loss of critical data.	Payment processing double charging issues
High	Major functionality impairment; significant impact on usability.	Homepage image loading issues
Medium	Moderate impact on functionality; workaround available.	Search result sorting issues
Low	Minor inconvenience or cosmetic issues; does not significantly affect functionality.	Cosmetic defects, typos, etc.

Defect Priority Guidelines -

Defect Priority	Description
P1	Critical issues requiring immediate attention; system crashes, data loss, or major functionality breakdown.
P2	High-priority defects with significant impact on user experience or core functionality; requires prompt resolution.
P3	Defects with moderate impact; may have workarounds or affect non-essential features; can be addressed within a reasonable timeframe.

Defect Lifecycles Stages (Status) -

New:

- **Definition:** The initial stage when a defect is reported.
- **Description:** The defect has been identified and logged into the system but has not yet been reviewed or assigned to a developer.

Assigned:

- **Definition:** The defect has been reviewed, and responsibility has been assigned to a specific developer or team.
- **Description:** The defect is acknowledged, and someone is tasked with investigating and resolving it.

Open:

- **Definition:** The defect is actively being worked on by the assigned developer.
- **Description:** The developer is in the process of analyzing, fixing, or implementing a solution for the reported defect.

Rejected:

- **Definition:** The reported defect is deemed invalid or not reproducible.
- **Description:** The development team has reviewed the defect report and determined that it is not a genuine issue or cannot be reproduced.

Deferred:

- **Definition:** The resolution of the defect is postponed to a future release or update.

- **Description:** The defect is acknowledged as valid, but it is not considered critical or feasible to address in the current development cycle.

In Progress:

- **Definition:** The defect is actively being worked on by the development team.
- **Description:** The assigned developer is actively making changes to the codebase to fix the defect.

Duplicate:

- **Definition:** The reported defect is a duplicate of an existing issue.
- **Description:** The reported defect is found to be identical or closely related to another defect already logged in the system.

Fixed:

- **Definition:** The defect has been addressed, and the necessary changes have been made to the code.
- **Description:** The developer has implemented a solution for the defect, and the changes are ready for testing.

Closed:

- **Definition:** The defect has been verified, and the resolution is confirmed.
- **Description:** The testing team has validated the fix, and the defect is considered resolved. No further action is required.

Reopened:

- **Definition:** The defect was previously closed but has been reported again, indicating that the issue persists or has reoccurred.
- **Description:** The defect, which was thought to be resolved, has resurfaced or was not completely fixed, requiring further investigation and resolution.

Defect Template -

Defect ID		Description	
Date Reported		Steps to Reproduce	
Project		Actual Results	
Severity		Expected Results	
Priority		Attachments / Logs	
Reported By		Environment	
Assigned To		Additional Information	
Status		Comments / Notes	

APPLICATION DEFECTS

Defect ID	D001	Description	The Booklist doesn't have "More Details" Button to view more details on the Book.
Date Reported	5th May 2050	Steps to Reproduce	1. Navigate to the list of books.
Project	BookStore	Actual Results	No "More Details" found
Severity	High	Expected Results	Click on the "More Details" button of a specific book.
Priority	P2	Attachments / Logs	TC003
Reported By	Tango Charlie	Environment	Windows 11 PC / Chrome browser v 150
Assigned To	Dev Team	Additional Information	TC003
Status	Assigned	Comments / Notes	I can see only "Details" Button

Defect ID	D002	Description	Payment failed for card 9999123412341234
Date Reported	5th May 2050	Steps to Reproduce	1. The user has items in the shopping cart. 2. Click on the Checkout button. 3. Enter shipping and payment information.
Project	BookStore	Actual Results	Payment failed for card
Severity	High	Expected Results	The user should be directed to the order confirmation page with a unique order number.
Priority	P1	Attachments / Logs	TC006
Reported By	Tango Charlie	Environment	Windows 11 PC / Chrome browser v 150
Assigned To	Dev Team	Additional Information	TC006
Status	Assigned	Comments / Notes	Unable to complete C

Defect ID	D003	Description	Edit Shipping Information
Date Reported	5th May 2050	Steps to Reproduce	1. The user has items in the shopping cart. 2. Click on the Checkout button. 3. Enter shipping Information
Project	BookStore	Actual Results	Unable to edit Shipping Information
Severity	High	Expected Results	The user should be allowed to edit shipping information
Priority	P1	Attachments / Logs	TC006
Reported By	Tango Charlie	Environment	Windows 11 PC / Chrome browser v 150
Assigned To	Dev Team	Additional Information	TC006
Status	Assigned	Comments / Notes	Unable to edit Shipping Information