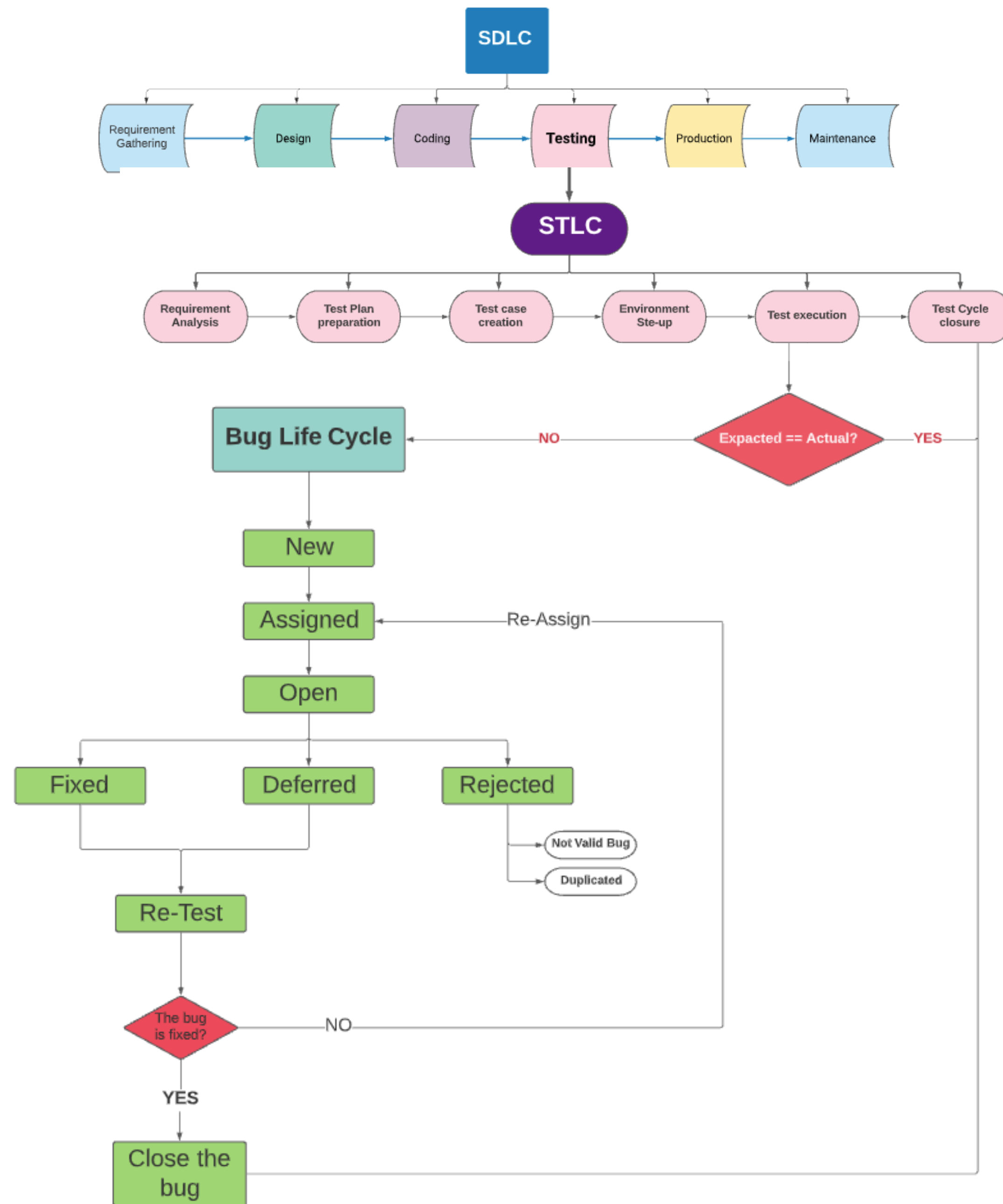


What is bug life cycle?

- It is **standard steps** to **handle bug** or defect of a software
- The Bug Life Cycle **includes** specific **set of status** of a bug go through during its life cycle.
- Team members can easily coordinate and communicate current status of defect by the bug status

Bug status are vary from team to team, but generally **bugs status are**:

1. New
2. Assigned
3. Open
4. Fixed
5. Rejected
6. Deferred
7. Re-Test
8. Closed



Bug Status:

1. **New:** When a tester **finds a new bug**, s/he creates a bug report so the developers can reproduce and fix the bug. In this state, the status of bug is 'NEW'.
2. **Assigned:** Once the new bug has been filed, respective lead (Project Manager/Business Analyze/ PO/ Test Lead) will approve it and **assign the bug to the corresponding developer**. After the bug has been assigned to someone, its status changes to 'ASSIGNED'.
3. **Open:** The development team starts analyzing and works on the defect fix
5. **Fixed:** When a bug is resolved or fixed by the developer, its status changes to 'FIXED' and it is assigned back to the testing team.
6. **Deferred:** Sometimes a NEW or ASSIGNED bug is given 'DEFERRED' status based on urgency and criticality of the bug. A deferred bug's fix is deferred for some time (for the upcoming sprint).

Bug Status:

7. **Rejected:** If the assignee (Project Lead/ Project Manager/ Test Lead) or developer finds the bug to be invalid, it is given 'REJECTED' status.
9. **Re-Test:** Tester does the retesting of the code at this stage to check whether the defect is fixed by the developer or not and changes the status to "Re-test."
10. **Closed:** After the bug is verified, if the bug is no longer exists then the status of the bug will be assigned as "Closed"

Bug Report

Bug ID: #12

Bug status: New / assigned / open / fixed / rejected / deferred / re-test / closed

Reported by: Jimmy (jimmy@compnayName.com)

Date: mm/dd/yy

Assignee: a developer will be assigned

Severity level: high/medium/low

Priority Level: high/medium/low

Bug Description: Students cannot click “login” button on the login page

Bug reproduce steps:

1. Students go to login page
2. Enter valid username & password
3. Click “login” button
4. Verify that students successfully login and launched to the homepage

Expected result: Users should be able to click the login button

Actual result: Users are not able to click the login button

Test data: student usernames: student1, student55, student21

Password: 123abc

Environment: URL of the environments

Browser: Chrome, Firefox

Attachments: screenshots and/or video by testers

G03-130 After clicking the "Save changes" button, a spinning wheel appears, and loading never completes.

▼ **Details**

Type:  Bug

Priority:  High

Labels: None

Sprint: Sprint 2 - library

Severity: High

▼ **People**

Assignee:

Reporter:

QA Env: <https://library2.cybertekschool.com/login.html>

OS: macOS Big Sur Version 11.5.2 (20G95)

Browser: Google Chrome 93.0.4577.63

Login credentials:

Login: librarian51@library

Password: Sdet2022*

Step to reproduce:

1. Login as Librarian.
2. Click on module "Books" on top of left navigation menu.
3. Click on "Add Book" button on top of right under navigation menu.
4. Enter "Book Name", "ISBN", "Year", "Author" and "Description".
5. Click on "Save changes" button.

Expected result:

Loading completes, and new book added to the library database.

Actual result:

Page not responding. A spinning wheel appears, and loading never completes.