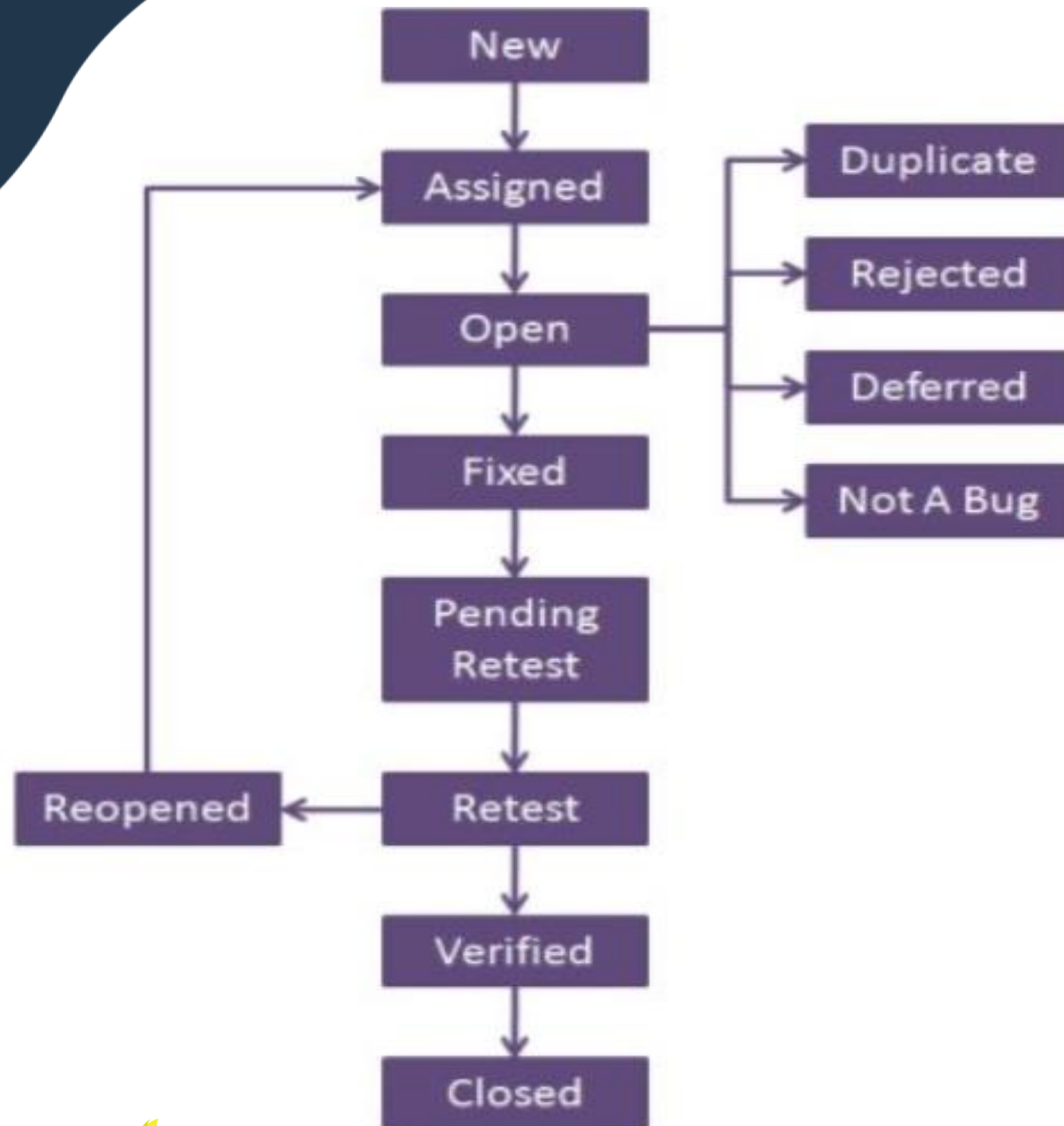


The logo features the words "Test Leaf" in a black serif font. The letter "L" in "Leaf" is replaced by a stylized green leaf with a yellow tip. The entire logo is set against a background of large, abstract, wavy shapes in dark blue and light pink.

Test Leaf

Always Ahead

# Bug life cycle



### New

When a defect is logged and posted for the first time. It's state is given as new.

### Assigned

After the tester has posted the bug, the lead of the tester approves that the bug is genuine and he assigns the bug to corresponding developer and the developer team. It's state given as assigned.

### Open

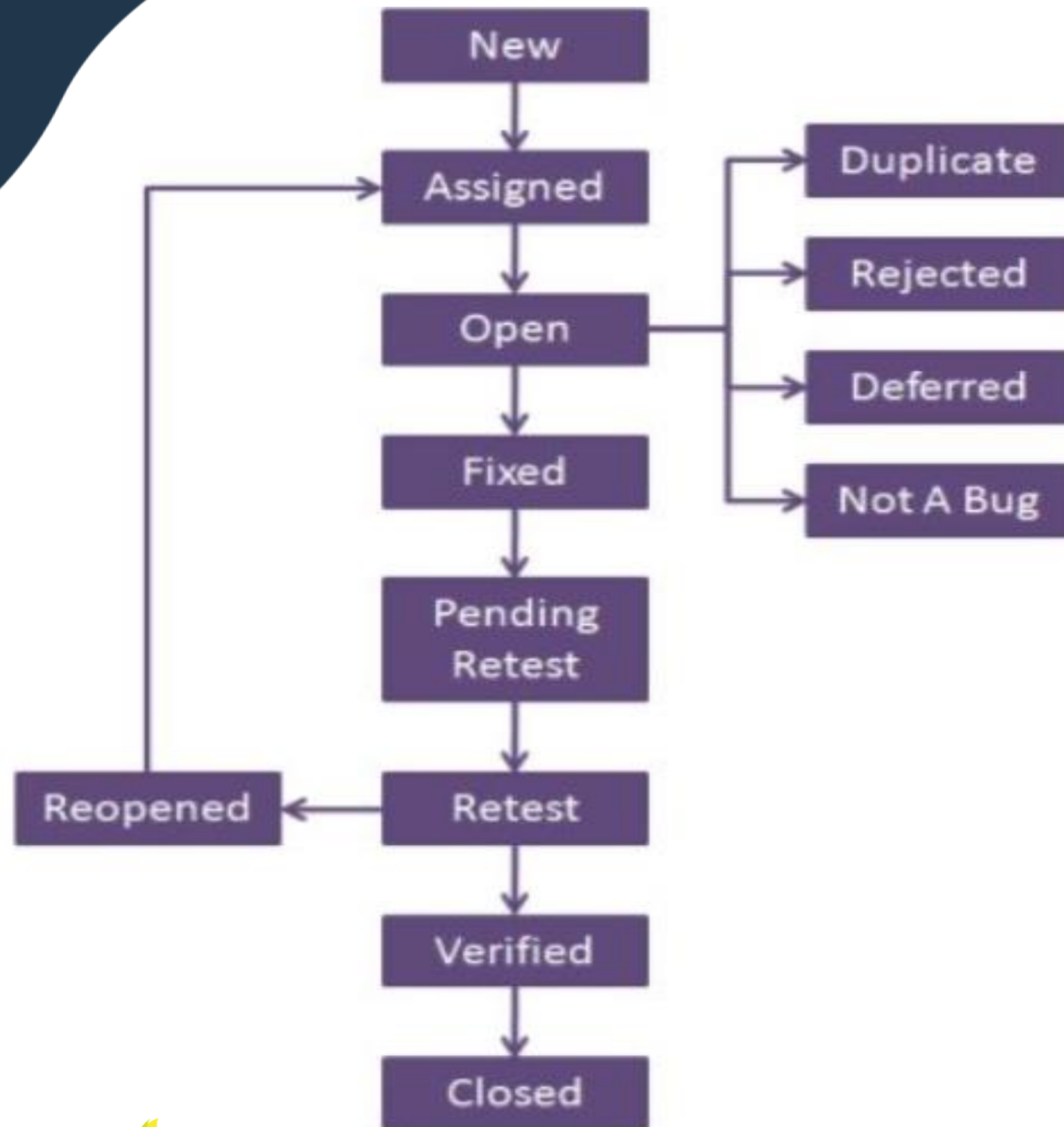
At this state the developer has started analyzing and working on the defect fix.

### Fixed

When developer makes necessary code changes and verifies the changes then he/she can make bug status as 'Fixed' and the bug is passed to testing team.

### Pending retest

After fixing the defect the developer has given that particular code for retesting to the tester. Here the testing is pending on the testers end. Hence its status is pending retest.



### Retest

At this stage the tester do the retesting of the changed code which developer has given to him to check whether the defect got fixed or not.

### Verified

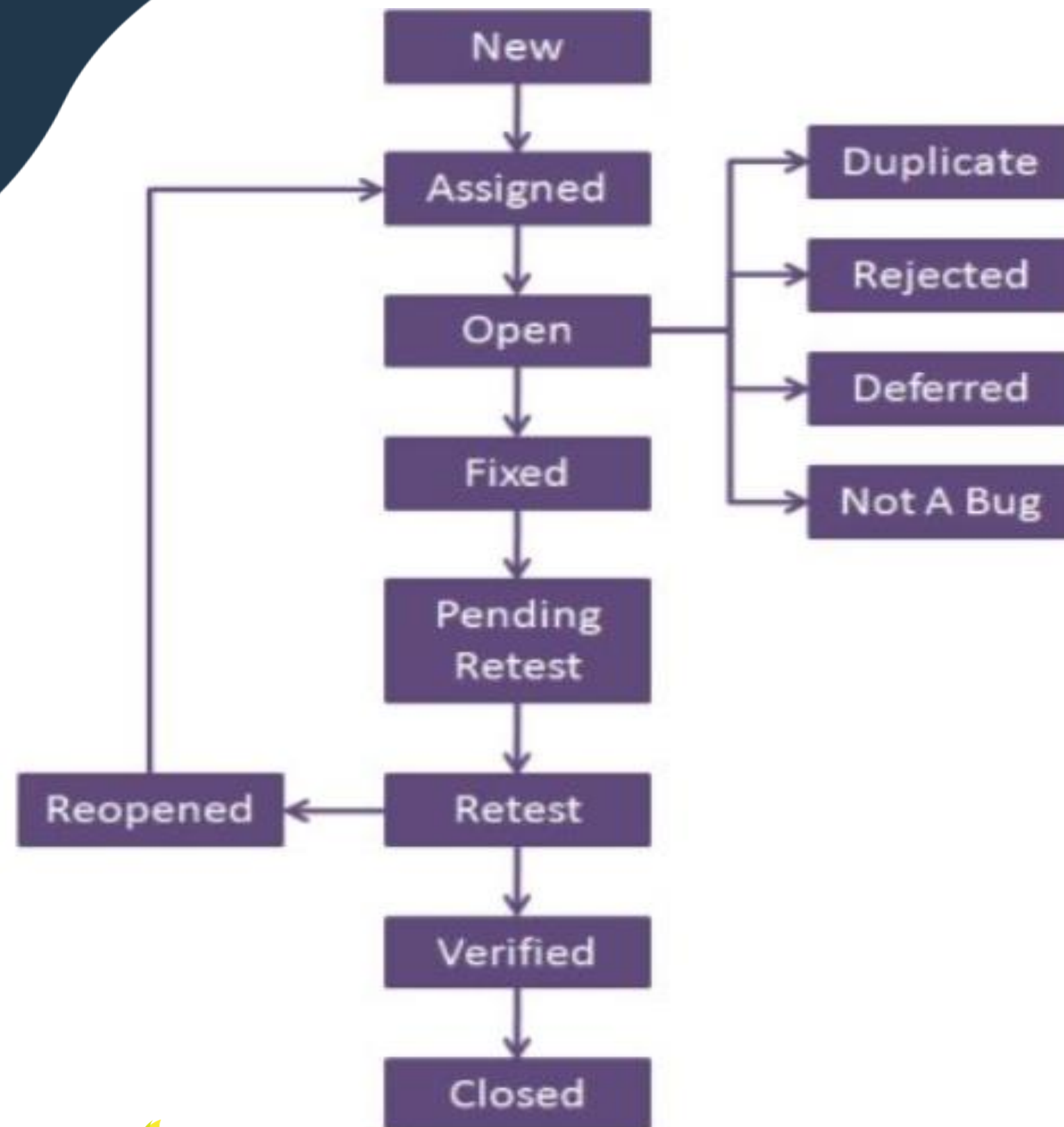
The tester tests the bug again after it got fixed by the developer. If the bug is not present in the software, he approves that the bug is fixed and changes the status to "verified".

### Reopen

If the bug still exists even after the bug is fixed by the developer, the tester changes the status to "reopened". The bug goes through the life cycle once again.

### Closed

Once the bug is fixed, it is tested by the tester. If the tester feels that the bug no longer exists in the software, he changes the status of the bug to "closed". This state means that the bug is fixed, tested and approved.



### Duplicate

If the bug is repeated twice or the two bugs mention the same concept of the bug, then one bug status is changed to "duplicate".

### Rejected

If the developer feels that the bug is not genuine, he rejects the bug. Then the state of the bug is changed to "rejected".

### Deferred

The bug, changed to deferred state means the bug is expected to be fixed in next releases. The reasons for changing the bug to this state have many factors. Some of them are priority of the bug may be low, lack of time for the release or the bug may not have major effect on the software.

### Not a bug

The state given as "Not a bug" if there is no change in the functionality of the application.



Thank  
you!