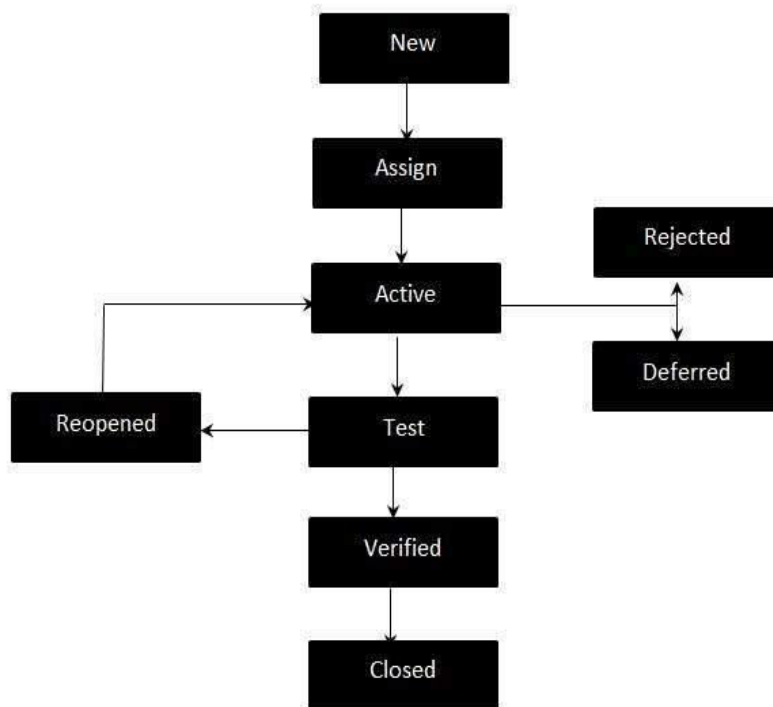


## Bug Cycle

**Bug Cycle:** Bug cycle is also known as defect cycle. It is the journey of a bug during its lifetime. The purpose of Defect life cycle is to easily coordinate and communicate current status of defect which changes to various assignees and make the defect fixing process systematic and efficient.



### Bug Cycle

- **New:** Potential defect that is raised yet to be validated.
- **Assigned:** Assign against a development team to address, but not yet resolved.
- **Active:** Defect is being addressed by developers and investigation is under progress. Here we have to check for various conditions for the bug under progress:
  - ❖ **Deferred:** When a defect cannot be address in that particular cycle, It is deferred for next cycle.
  - ❖ **Rejected:** A defect can be rejected for three reasons duplicate defect, not reproducible, not a defect.

- **Test:** A defect is fixed and ready for testing. If not found fixed by the testers then will be send back to developer again for reopening.
- **Verified:** The defect that has been fixed and tested will be verified here by the quality assurance.
- **Closed:** It is the final stage where a bug should be closed successfully.