

Checklist Based Testing

A type of software testing, checklist-based testing, is based on the pre-planned "to-do" list of tasks called a checklist, which enumerates all the conventional actions performed phase-wise during the testing cycle.

Reasons for Defects

- Due to variation in data.
- Difference in sequence of standardised procedures or workflow.

Advantages of using checklist based testing

- Takes out most of the flaws, which ensures excellent coverage.
- Cuts down costs and helps meet deadlines.
- Helps in better integration of new testing personnel into the organization.

Difficulties encountered during checklist based testing:

- The difference in checklist interpretation leads to different approaches being used to accomplish the mentioned tasks.
- Regular improvements in testing processes require the checklist to be upgraded over time to ensure thorough testing.
- Complex or advanced level tests can affect the reproducibility of the results.
- The utility of the checklist is questionable for holistic testing over the entirety of SDLC.